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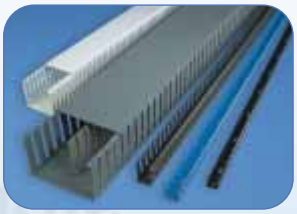
System Overview

PANDUIT is a global leader in wiring and communication products. Comprehensive solutions include everything necessary to bundle, identify, route/protect and terminate wires/cables. Supporting the most demanding application requirements customers trust *PANDUIT* for:

- **Comprehensive, end-to-end solutions**
- **World-class quality and reliability**
- **Innovative products and tools**
- **Unmatched global sales and technical support**



PANDUIT products are developed through continued focus on the needs of the customer and high level of investment in research and development. Solutions are designed for reliability, improved productivity, standards compliance and lowest total cost of ownership.

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Solutions Overview

***PANDUIT* provides innovative products that offer maximum reliability at the lowest total installed cost for the following areas:**

Industrial/Construction

As a leading provider of global wiring solutions, *PANDUIT* delivers all the products you need to quickly bundle, terminate, identify and insulate wires in harsh environments.

PANDUIT products are designed to withstand the most extreme conditions and chemical contact, ensuring long-term reliability and durability. Whether you're working in oil & gas, power generation, pulp & paper, food & beverage or other 'harsh' applications *PANDUIT* has a solution to fit your needs. Additional information can be found at www.panduit.com.

OEM/Contract Manufacturing

PANDUIT provides a complete and integrated wiring and communications solution set consisting of products, services, and programs delivered to the OEM/CM market that reduces the Total Cost of Production for wire management fabrication and installation through utilization of breadth of offering and value engineering capabilities.

By offering and continually developing best-in-class products and services backed by industry expertise, technological leadership, and innovative engineering capabilities, *PANDUIT* is the premier problem solving, solutions-based business partner. For more details, go to www.panduit.com.

Transportation

PANDUIT is dedicated to developing high-quality products that meet the requirements of the transportation market while providing the lowest installed cost. Performance, reliability, efficiency, and availability are critical issues to success. Products are designed to hold up under vibration, shock and exposure to nature's elements while preventing corrosion, reducing weight and complying with the industry standards. A wide range of both ergonomic and automatic installation tooling provides for the lowest installed cost.

The *PANDUIT* commercial vehicle team, comprised of market managers and global engineering, ensures that *PANDUIT* solutions are designed with the end user's needs in mind. Additional information on the solutions available for the transportation market can be found at www.panduit.com.

Application Standards

To help assure optimum quality, *PANDUIT* products are designed and manufactured to meet applicable environmental, safety, international, UL, military and customer standards.

Restriction of Hazardous Substances (RoHS)

RoHS

The European Union (EU) directive on the Restriction of use of certain Hazardous Substances bans the use of six substances in electrical and electronic equipment within the European Economic Community (EEC) after July 1, 2006. The RoHS status of *PANDUIT* Electrical Products, shown in this catalog, can be determined by accessing www.panduit.com.

Underwriters Laboratories, Inc

UL LISTED

Underwriters Laboratories, Inc. (UL) is an independent, not-for-profit product-safety testing and certification organization based in the United States. Since its founding in 1894, UL is becoming one of the most recognized, reputable conformity assessment providers in the world. Today, services extend to helping companies achieve global acceptance, whether for an electrical device, a programmable system, or an organization's quality process. Further information on UL marks can be found at www.ul.com/mark/.

Canadian Standards Association

CSA CERTIFIED

The Canadian Standards Association is a not-for-profit membership based association serving business, industry, government and consumers in Canada and the global marketplace. CSA works in Canada and around the world to develop standards that enhance public safety and health. Additional information can be found at www.csa.ca.

Conformity European

CE

CE marketing is required for products sold within the European Union. CE Marketing directives specify the minimum performance of these products. Applying the CE mark signifies compliance with essential requirements of specific directives.

ISO 9001

PANDUIT ISO 9001 REGISTERED FIRM

The International Standards Organization (ISO) establishes worldwide standards for products and services in recognition of increasing globalization of markets. The ISO program sets up the requirements for quality assurance systems of these worldwide standards. *PANDUIT* is registered to ISO 9001, the most comprehensive model in the standard, meant for companies who design, manufacture, install and service the products they sell. Registration has been awarded by Underwriters Laboratories (Certificate No. A2269) after an extensive audit of QA systems employed at *PANDUIT*.

QS-9000

QS-9000 is the shorthand name for "Quality System Requirements QS-9000". It is the common supplier quality standard for the automotive industry. QS-9000 is based on the 1994 edition of ISO 9001, but it contains additional requirements that are particular to the automotive industry. The ISO community of accreditation bodies and registrars considers these additions automotive "interpretations".

ISO 14001

ISO14001 is a voluntary standard for Environmental Management Systems established by the International Standards Organization. The international standard provides a benchmark for continual improvement in environmental performance. Business partners can be confident that *PANDUIT* manufacturing facilities around the globe are engaged in an on-going process to maximize value while minimizing the impact on natural resources.

National Electrical Manufacturers Association (NEMA)

NEMA is the largest trade association in the U.S. representing electro-industry manufacturers. NEMA develops industry standards that are in the best interest of the industry and users of its products. NEMA standards for electrical power connector for substations covers uninsulated connectors and busbar supports which are made of metal and intended for use in substations. Included in the standard are manufacturing standards for bolt hole sizes and spacing for terminal connectors with single tangs. *PANDUIT* offers connectors that meet NEMA manufacturing standards and these are specially noted as listed within this catalog.

APPLICATION STANDARDS (continued)

Alliance for Telecommunications Industry Solutions (ATIS)

ATIS is a technical planning and standards development organization that is committed to rapidly developing and promoting technical and operations standards for the communications and related information technologies industry worldwide using a pragmatic, flexible and open approach. Over 1,200 participants from more than 400 communications companies are active in ATIS' 22 industry committees, and its Incubator Solutions Program. Additional information can be found at www.atis.org.

J-STD-607-A-2002, Commercial Building Grounding (Earthing) and Bonding Requirements for Telecommunications is jointly developed by TIA/EIA and ATIS' technical committee T1E1. This document is available on the ATIS Document Center at www.atis.org.

Adhering to the grounding principles outlined in J-STD-607-A helps ensure that telecommunications equipment and systems operate reliably. As stated in J-STD-607-A, the preferred means of connecting conductors to busbars is by using two-hole irreversible compression lugs listed by a nationally recognized testing laboratory (NRTL) such as UL. *PANDUIT* PAN-LUG™ Copper Compression Connectors meet these requirements, in all barrel sizes specified by the 607 standard.

Telecommunications Industry Association (TIA)

The Telecommunications Industry Association is a leading US non-profit trade association serving the communications and information technology industry. TIA represents providers of communications and information technology products and services for the global marketplace through its core competencies in standards development.

ANSI/TIA-942 Telecommunications Infrastructure Standard for Data Centers states that electrical continuity is required throughout the rack materials. Adhering to these principles protects network equipment and maintains system performance.

NEBS Level 3 Approval as Tested by Telcordia Technologies

Telcordia Technologies, formerly known as Bellcore, serves as the testing agency for the Regional Bell Operating Companies. Network Equipment-Building Systems (NEBS) was developed by Bellcore and is currently maintained by Telcordia Technologies. NEBS was developed to standardize requirements for Central Office Equipment and to develop criteria for personal safety, protection of property and operational continuity.

NEBS Level 3 Criteria is the minimum level of environmental compatibility needed to provide maximum assurance of equipment operability within the network facility environment. The Level 3 criteria is the highest assurance of product operability. Products that meet NEBS Level 3 Criteria are suited for equipment applications which demand minimal service interruptions over the life span of the equipment. *PANDUIT* is the first in the industry to have a system of copper compression lugs and splices (#8 AWG - 1,000 kcmil) and crimping tools physically and rigorously tested by Telcordia Technologies to meet NEBS Level 3 compliance.

American Bureau of Shipping (ABS)

ABS is a not-for-profit organization that promotes the security of life, property and the natural environment primarily through the development and verification of standards for the design, construction and operational maintenance of marine related facilities including: merchant and naval vessels, offshore drilling units, submersibles. FPSOs, etc. *PANDUIT* has ABS Type Approval for select copper compression lugs and splices and are in compliance with ABS 2005 Steel Vessel Rules and can be installed on ABS Type Approved steel vessel machinery, electrical systems and electrical equipment. *PANDUIT* products that meet ABS Type Approval can be found listed on the ABS website at www.typeapproval.org.

PROGRAMS

***PANDUIT* maintains a dedicated global sales force of highly qualified industry experts to provide professional, consultative sales guidance. In addition, *PANDUIT* has partnered with best-in-class contractors and distributors to provide the services and support to deliver comprehensive, reliable solutions at the lowest installed cost.**

Contractor Loyalty Incentive Program (CLIP)

The CLIP program was developed to strengthen relationships and form alliances with valued contractors. Use *PANDUIT* as your preferred vendor for cable ties, terminals, power connectors, identification products, surface raceway, installation tooling and a host of related products, and earn credit towards *PANDUIT* tooling.

Benefits of being a CLIP participant include annual credit incentives, continuous training, potential project leads, and alliance with a global, world-class electrical manufacturer and exclusive promotions.

For more program details, go to www.panduit.com/clip or contact Customer Service at 800-777-3300.

Tooling Partnership Program

The tooling Partnership Program is designed to make low-cost or no cost tooling available to the customer based on qualification and commitment to termination product purchases.

For more program details, go to www.panduit.com/tpp or contact Customer Service at 800-777-3300.

PC Express Program

PC Express offers the ultimate level of service for your power connector needs. PC Express is offered through select authorized *PANDUIT* distributors. The PC Express Program provides customers with the ability to receive power connector orders, via second day delivery, at no additional charge.

The customer can place an order of any size, up to a 300 lb. Maximum weight, through an authorized *PANDUIT* distributor and *PANDUIT* will absorb the second day freight charges. All orders will be shipped directly to the customer. Orders received by *PANDUIT* Customer Service before 3:00 P.M. CST will be shipped on the same day, via second day delivery. Orders received after 3:00 P.M. CST will be shipped the next business day, via second day delivery.

For more program details, go to www.panduit.com/pcexpress or contact Customer Service at 800-777-3300.

Note: All programs and benefits are subject to terms and conditions.

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Cable Ties

PANDUIT offers the most complete selection of cable tie styles, sizes, materials and colors to meet our customers' needs. *PANDUIT* cable ties bundle, mount and identify in countless indoor, outdoor and harsh environment applications. *PANDUIT* cable ties, wiring accessories and installation tools allow our customers to achieve the lowest total installed cost of managing wire and cable.

- ***PANDUIT*** **continues to provide innovative new cable tie designs to meet our customers' application challenges**
- ***PANDUIT*** **cable ties and wiring accessories can be used in a variety of applications and environments, providing the optimal wire management solution**
- ***PANDUIT*** **offers a large selection of ergonomic cable tie installation tools – from high-speed automatic systems to hand operated tools; all with consistent, reliable performance**

PANDUIT leads the industry in the breadth and depth of available cable tie designs created from customer feedback on their application requirements. As with all *PANDUIT* products, quality in design and production along with customer service excellence are assured.

Selecting the Proper Cable Tie

Follow this step-by-step process to find the cable ties that best suit your application:

Cable Tie Function
1) Select the main function of the cable tie you need:
Bundle = Standard Cable Ties
Reusable = Nylon Releasable Ties and Hook and Loop Ties
Identify = Marker and Flag Ties
Mount = Clamp Ties, Push Mount and Stud Mount Ties

Design Criteria
2) Determine the design criteria for your application

Cable Tie Family
3) Select the cable tie family that meets your overall needs

	Cable Tie Function	Bundle, Reusable, Identify, Mount	Bundle, Reusable, Identify, Mount	Bundle, Mount	Bundle	Bundle	Bundle
	Material	Nylon 6.6	Weather Resistant Nylon 6.6	Heat Stabilized Nylon 6.6	Heat Stabilized Nylon 6.6	Heat Stabilized Weather Resistant Nylon 6.6	Flame Retardant Nylon 6.6
	Color	Natural	Black	Black	Natural	Black	Black
	Part Number Suffix (Material Designation)	None	0	30	39	300	60
Design Criteria	**Weathering Life Expectancy (Years)**	1-2	7-9	7-9	1-2	7-9	1-2
Design Criteria	**Tensile Strength 73°F (psi)**	12,000 (Note 1)	12,000 (Note 1)	12,000 (Note 1)	12,000 (Note 1)	12,000 (Note 1)	12,000 (Note 1)
Design Criteria	**UL 94 Flammability (Note 3)**	V-2	V-2	V-2	V-2	V-2	V-0
Design Criteria	**Oxygen Index**	28	28	26	26	26	34
Design Criteria	**Radiation Resistance**	1 x 10^5 Rads	1 x 10^5 Rads	1 x 10^5 Rads	1 x 10^5 Rads	1 x 10^5 Rads	1 x 10^5 Rads
Design Criteria	**Water Absorption (24 hours)**	1.2%	1.2%	1.2%	1.2%	1.2%	1.1%
Design Criteria	**Maximum Continuous Use Temperature (Note 4)**	185°F 85°C	185°F 85°C	239°F 115°C	239°F 115°C	212°F 100°C (Note 5)	212°F 100°C
Design Criteria	**Minimum Continuous Use Temperature (Note 6)**	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C
Design Criteria	**Overall Chemical Resistance (10 = Best)**	6	6	6	6	6	6
Design Criteria	**–Hydrocarbons**	9	9	9	9	9	9
Design Criteria	**–Chlorinated Hydrocarbons**	7	7	7	7	7	7
Design Criteria	**–Acids**	2	2	2	2	2	2
Design Criteria	**–Bases**	7	7	7	7	7	7
Design Criteria	**–Salts**	3	3	3	3	3	3
Design Criteria	**Relative Price**	Low	Low	Low	Low	Medium	Medium
Cable Tie Family	***Pan-Ty*® Cable Ties (Catalog Page)**	Page B1.7	Page B1.7 (Note 7)	Page B1.7	Page B1.7	Page B1.7	Page B1.7
Cable Tie Family	***Super-Grip*™ Cable Ties (Catalog Page)**	Page B1.37	Page B1.37	Page B1.37			
Cable Tie Family	***Dome-Top*® Barb-Ty Cable Ties (Catalog Page)**	Page B1.41	Page B1.41	Page B1.41	Page B1.41		
Cable Tie Family	***Dura-Ty*™ Cable Ties (Catalog Page)**						
Cable Tie Family	**Parallel-Entry Cable Ties (Catalog Page)**	Page B1.54	Page B1.54		Page B1.54		
Cable Tie Family	**Hook & Loop Cable Ties (Catalog Page)**						
Cable Tie Family	***Sta-Strap*® Cable Ties (Catalog Page)**	Page B1.69	Page B1.69	Page B1.69			
Cable Tie Family	**Specialty Cable Ties (Catalog Page)**	Page B1.76	Page B1.76	Page B1.76		Page B1.76	

Note 1 ASTM D638
Note 2 Telcordia TR-TSY-000789
Note 3 See Table B, page B1.110
Note 4 See "Temperature", page B1.111
Note 5 Estimated
Note 6 After Installation
Note 7 Also available in 00 material (meets Mil Spec)

■TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.
▲HALAR is a registered trademark of Solvay Solexis, Inc.

Selecting the Proper Cable Tie (continued)

Bundle	Bundle	Bundle	Bundle	Bundle	Bundle	Bundle	Bundle, Reusable, Mount
Flame Retardant Nylon 6.6	Weather Resistant Nylon 12	Natural Polypropylene	Weather Resistant Polypropylene	TEFZEL■	HALAR▲	Weather Resistant Acetal	Hook & Loop
Ivory	Black	Green	Black	Aqua	Maroon	Black	Various
69	120	109	100	76	702Y	N/A	N/A
1-2	12-15	1	7-9	>15	>15	>20	1-2
12,000 (Note 1)	8,100 (Note 1)	4,100 (Note 1)	4,100 (Note 1)	7,500 (Note 1)	7,000 (Note 1)	6,500 (Note 2)	12,000 (Note 1)
V-0	Not Recognized	Not Recognized	HB	V-0	V-0	HB	V-2 (Plenum-rated)
34	N/A	N/A	N/A	30	60	N/A	N/A
1×10^5 Rads	3.5×10^6 Rads	1×10^6 Rads	1×10^6 Rads	2×10^8 Rads	2×10^8 Rads	6×10^5 Rads	N/A
1.1%	0.3%	0.1%	0.1%	<0.03%	<0.05%	<0.45%	N/A
212°F 100°C	194°F 90°C	239°F 115°C	239°F 115°C	338°F 170°C	302°F 150°C	185°F 85°C	220°F 104°C (Note 8)
-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	0°F -18°C (Note 8)
6	8	8	8	10	10	5	6
9	9	6	6	10	10	9	6
7	8	5	5	10	10	8	5
2	6	9	9	10	10	2	2
7	7	9	9	10	10	2	7
3	8	10	10	10	10	4	3
Medium	Medium	Medium	Medium	High	High	Medium	Medium
Page B1.7	Page B1.7	Page B1.7	Page B1.7	Page B1.7	Page B1.7		
						Page B1.41	
Page B1.54							
							Page B1.62

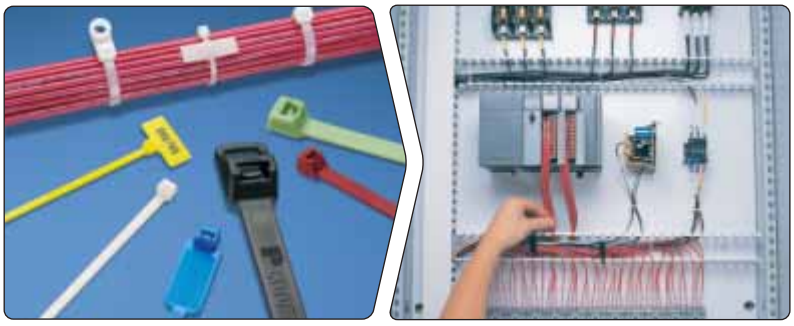
Note 8 Temperature Range: Hook & Loop Ties:
Tak-Ty® Cable Ties (HLT, HLS, HLC, HLM) shown on page B1.64 as stated in table.
Tak-Ty® Cable Ties (HLTP, HLSP) shown on page B1.65: 0°F to 122°F (-18°C to 50°C)
Tak-Tape™ Hook & Loop Strips (TTS) shown on page B1.65: -22°F to 194°F (-30°C to 90°C)
Ultra-Cinch™ Hook & Loop Ties (UCT) shown on page B1.66: Data not available

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Cable Tie Styles Overview

Pan-Ty® Cable Ties

Pages B1.6 – B1.35



- Designed for use in numerous applications to meet a variety of needs in the OEM, MRO and Construction Markets
- Largest selection of styles, materials and sizes
- One-piece construction for consistent performance and reliability
- Lowest threading force of any one-piece cable tie in the industry

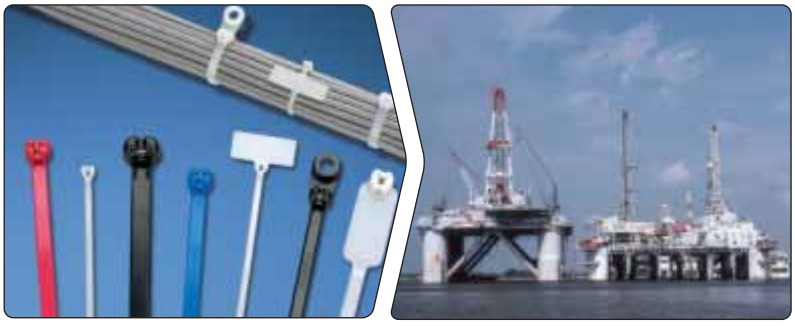
Super-Grip™ Cable Ties

Pages B1.36 – B1.39

- Designed for the strength requirements of the MRO and Construction Markets
- Thin, wide strap body – flexible, conforms to bundles
- Strong – withstands rough installation practices
- Grips wires tightly and resists lateral movement

Dome-Top® Barb Ty Cable Ties

Pages B1.40 – B1.52



- Approved for the demanding MRO and Construction requirements as typified in the Oil and Gas Markets
- Stainless steel barb provides consistent performance and reliability
- Infinitely adjustable for tight bundles throughout entire bundle range
- Dome-top head features unique patented design with smooth, round edges

Parallel-Entry Cable Ties

Pages B1.53 – B1.61

- Designed for use in the OEM and Transportation Markets
- All parallel-entry ties provide low profile head which avoids snags and reduces overall bundle size
- No protrusion of tie cut-off – protects workers' arms/hands
- *Contour-Ty*® Cable Ties have outside teeth and smooth, round edges to protect cable jacket – perfect for high vibration applications

Cable Tie Styles Overview (continued)

Hook & Loop Cable Ties

Pages B1.62 – B1.67

- Ideal for the Telecommunications, Financial, Education, and Government Markets
- Adjustable, releasable and reusable
- No risk of over-tensioning or damaging high performance network cables
- Variety of styles, sizes and colors

STA-STRAP® Cable Ties

Pages B1.68 – B1.75

- Convenient and easy to use in OEM manual assembly operations
- Exclusive, two-piece design provides lowest threading force in the industry
- Use for normal bundling and through-panel applications
- Releasable prior to final tensioning and cut-off

Manual Cable Tie Installation Tools

Pages B1.89 – B1.93

- Used in production, maintenance and construction applications
- Designed for ease of use and to reduce repetitive stress injuries
- Full line of lightweight, ergonomic hand tools – *PANDUIT* leads the industry in reliability and performance
- Flush cut-off of cable tie limits exposure to sharp edges

Automatic Cable Tie Installation Tools

Pages B1.95 – B1.100

- An efficient solution for high volume OEM harnessing, assembly, fastening and packaging applications
- High speed tools lower installed cost and reduce operator fatigue
- Wraps, tensions and cuts off cable ties in less than a second
- Reel-fed systems for miniature and standard cross section cable ties

A. System Overview
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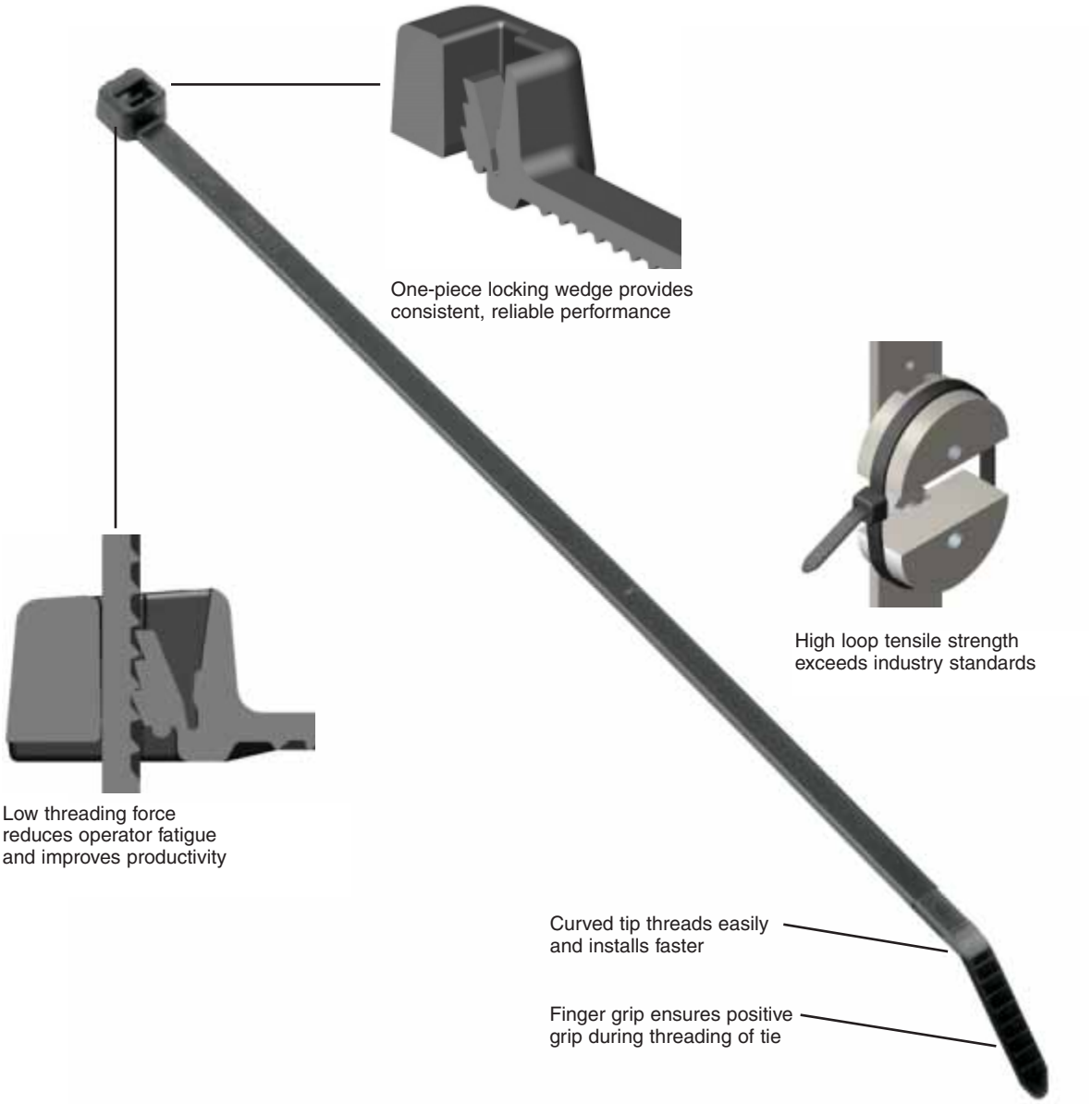
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Features and Benefits – *PAN-TY*® Cable Ties

One-piece design for consistent performance and reliability.
Available in lengths from 2.8" to 43.3" and a variety of styles, materials and colors for specific applications.



Cable tie tools speed installation and reduce total installed cost.

See pages B1.89 – B1.93.

Cable tie accessories are used to speed and simplify the mounting of wires, cables and tubing.

See pages B2.1 – B2.24.

Selection Guide – *PAN-TY*® Cable Ties

Material, Color (Suffix)	Style / Function	Part Number Prefix	Catalog Page
Nylon 6.6, Natural (No Suffix)	Locking Ties / Bundle	PLT	B1.8,9
	Releasable Ties / Reusable	PRT	B1.20
	Clamp Ties / Mount	PLC	B1.24
	Push Mount Ties / Mount	PLWP, PRWP, PLUP, PLP	B1.26,28,30,31
	Marker Ties / Identify	PLF, PLM	B1.32
Weather Resistant Nylon 6.6, Black (0)	Locking Ties / Bundle	PLT	B1.10,11
	Releasable Ties / Reusable	PRT	B1.21,22
	Clamp Ties / Mount	PLC	B1.25
	Push Mount Ties / Mount	PLWP, PRWP, PLUP, PLP	B1.27,28,30,31
	Marker Ties / Identify	PLF, PLM	B1.32
Heat Stabilized Nylon 6.6, Black (30)	Locking Ties / Bundle	PLT	B1.12
	Releasable Ties / Reusable	PRT	B1.21
	Clamp Ties / Mount / Identify	PLC	B1.25
	Push Mount Ties / Mount	PLWP, PRLWP, PRWP, PLUP, PLP	B1.27-.31
Heat Stabilized Weather Resistant Nylon 6.6, Black (300)	Locking Ties / Bundle	PLT	B1.13
Heat Stabilized Nylon 6.6, Natural (39)	Locking Ties / Bundle	PLT	B1.12
Flame Retardant Nylon 6.6, Black (60)	Locking Ties / Bundle	PLT	B1.14
Flame Retardant Nylon 6.6, Ivory (69)	Locking Ties / Bundle	PLT	B1.14
	Marker Ties / Identify	PLF, PLM	B1.32
Weather Resistant Nylon 12, Black (120)	Locking Ties / Bundle	PLT	B1.15
Natural Polypropylene, Green (109)	Locking Ties / Bundle	PLT	B1.16
Weather Resistant Polypropylene, Black (100)	Locking Ties / Bundle	PLT	B1.17
	Releasable Ties / Reusable	PRT	B1.23
HALAR▲, Maroon (702) TEFZEL■, Aqua Blue (76)	Locking Ties / Bundle	PLT	B1.18,19

▲ HALAR is a registered trademark of Solvay Solexis, Inc. ■ TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.

Part Number System for *PAN-TY*® Cable Ties

PLT — **2** — **S** — — **C** —

Type
PLT = Locking Tie
PRT = Releasable Tie
PLC = Locking Clamp
PLF = Locking Flag
PLM = Locking Marker
PLP = Locking Push Mount
PLWP = Locking Wing Push Mount
PRLWP=Releasable Ladder Wing Push Mount
PRWP = Releasable Wing Push Mount
PLUP = Locking Umbrella Push Mount

Size
Approx. Maximum Bundle Dia. (In.)

Cross Section
SM = Subminiature
M = Miniature
I = Intermediate
S = Standard
LH = Light-Heavy
H = Heavy
EH = Extra-Heavy

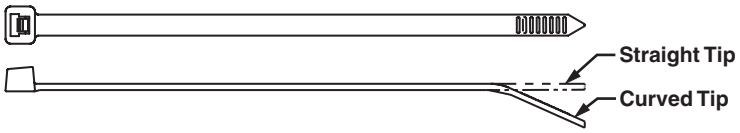
Screw Hole Size
(Clamp Ties Only)
-S4 = #4 (M2.5)
-S6 = #6 (M3)
-S8 = #8 (M4)
-S10 = #10 (M5)
-S25 = 1/4 (M6)

Package Size
Q = 25
L = 50
C = 100
TL = 250
D = 500
M = 1000
VMR= 2 reels/2500 ea.
XMR= 2 reels/5000 ea.

Color / Material
See Page B1.33

PAN-TY® Cable Ties – Nylon 6.6

- For indoor use
- Versatile cable ties can be used in countless applications
- One-piece construction for consistent performance and reliability
- Lowest threading force of any one-piece cable tie in the industry
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation
- A variety of materials and colors is available for specific applications



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Subminiature Cross Section													
PLT.6SM-C	2.8	71	.070	1.8	.030	.8	.60	15	8	36	GTS, GTSL, PTS	100	1000
Miniature Cross Section													
PLT.7M-C	3.1	79	.090	2.3	.032	.8	.68	17	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
PLT1M-C	3.9	99	.098	2.5	.043	1.1	.87	22	18	80		100	1000
PLT1.5M-C	5.6	142	.098	2.5	.043	1.1	1.25	32	18	80		100	1000
PLT2M-C	8.0	203	.098	2.5	.043	1.1	2.00	51	18	80		100	1000
Intermediate Cross Section													
PLT1.5I-C	5.6	142	.142	3.6	.045	1.1	1.38	35	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
PLT2I-C	8.0	203	.142	3.6	.045	1.1	2.00	51	40	178		100	1000
PLT2.5I-C	9.7	246	.145	3.7	.052	1.3	2.50	64	40	178		100	1000
PLT3I-C	11.4	290	.145	3.7	.052	1.3	3.00	76	40	178		100	1000
PLT4I-C	14.5	368	.145	3.7	.052	1.3	4.00	102	40	178		100	1000
Standard Cross Section													
PLT1S-C	4.8	122	.190	4.8	.052	1.3	1.00	25	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PPTS, PTH, STS2, STH2	100	1000
PLT1.5S-C	6.2	157	.190	4.8	.052	1.3	1.50	38	50	222		100	1000
PLT2S-C	7.4	188	.190	4.8	.052	1.3	1.88	48	50	222		100	1000
PLT2.5S-C	9.8	249	.190	4.8	.052	1.3	2.50	64	50	222		100	1000
PLT3S-C	11.5	292	.190	4.8	.052	1.3	3.00	76	50	222		100	1000
PLT4S-C	14.5	368	.190	4.8	.052	1.3	4.00	102	50	222		100	1000
PLT4.5S-C	15.5	394	.190	4.8	.052	1.3	4.50	114	50	222		100	1000
PLT5S-C	17.5	445	.190	4.8	.052	1.3	5.00	127	50	222		100	500
Light-Heavy Cross Section (Straight Tip)													
PLT2H-L	8.1	206	.300	7.6	.075	1.9	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	500
PLT2.5H-L	9.8	251	.300	7.6	.075	1.9	2.50	64	120	534		50	500
PLT3H-L	11.4	290	.300	7.6	.075	1.9	3.00	76	120	534		50	500
PLT4H-L	14.5	368	.300	7.6	.075	1.9	4.00	102	120	534		50	500
PLT6LH-L	21.9	556	.300	7.6	.075	1.9	6.00	152	120	534		50	500
PLT7LH-L	24.7	627	.300	7.6	.075	1.9	7.00	178	120	534		50	500
PLT8LH-L‡	27.6	701	.300	7.6	.075	1.9	8.00	203	120	534		50	500
PLT9LH-L‡	30.5	775	.300	7.6	.075	1.9	9.00	229	120	534		50	500
PLT10LH-L‡	34.3	871	.300	7.6	.075	1.9	10.31	262	120	534		50	1000
Heavy Cross Section (Straight Tip)													
PLT5H-L‡	17.7	450	.350	8.9	.078	2.0	5.00	127	175	778	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	500
PLT6H-L‡	20.9	530	.350	8.9	.078	2.0	6.00	152	175	778		50	500
PLT8H-L	30.6	779	.350	8.9	.078	2.0	9.00	229	175	778		50	500
PLT13H-Q‡	43.3	1100	.350	8.9	.078	2.0	13.00	330	175	778		25	500

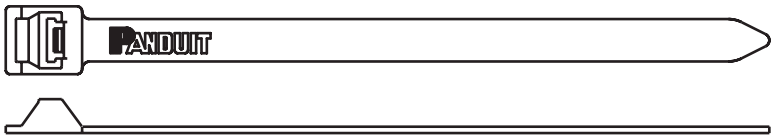
‡UL Listed – meets the requirements of UL181B-C, for use with UL non-metallic air ducts and air connectors.
Note: UL Listed for use in plenum or air handling spaces per NEC except PLT.6SM and PLT5H/6H/8H/13H.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TY® Lashing Ties – Nylon 6.6

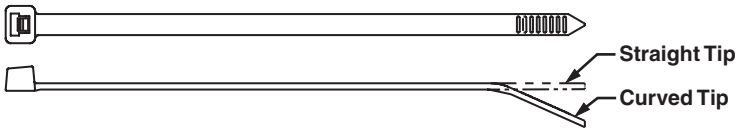
- For indoor use
- Typically used for heavy duty applications
- Strongest *PAN-TY*® Cable Tie available
- Can be used with MCEH mounting clip, see page B1.22



Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Extra-Heavy Cross Section													
PLT2EH-C	9.0	229	.500	12.7	.075	1.9	2.00	51	250	1112	GS4EH, ST2EH	100	1000
PLT5EH-Q	20.1	511	.500	12.7	.075	1.9	5.00	127	250	1112		25	250
PLT6EH-Q	22.2	564	.500	12.7	.075	1.9	6.00	152	250	1112		25	250
PLT8EH-C	28.3	719	.500	12.7	.085	2.2	8.00	203	250	1112		100	1000
PLT10EH-C	34.2	869	.500	12.7	.085	2.2	10.00	254	250	1112		100	500
PLT12EH-C	40.1	1019	.500	12.7	.085	2.2	12.00	305	250	1112		100	500

PAN-TY® Cable Ties – Weather Resistant Nylon 6.6

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Versatile cable ties can be used in countless applications
- One-piece construction for consistent performance and reliability
- Lowest threading force of any one-piece cable tie in the industry
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Subminiature Cross Section													
PLT.6SM-C0	2.8	71	.070	1.8	.030	.8	.60	15	8	36	GTS, GTSL, PTS	100	1000
Miniature Cross Section													
PLT.7M-M0	3.1	79	.090	2.3	.032	.8	.68	17	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
PLT1M-C0	3.9	99	.098	2.5	.043	1.1	.87	22	18	80		100	1000
PLT1.5M-C0	5.6	142	.098	2.5	.043	1.1	1.25	32	18	80		100	1000
PLT2M-C0	8.0	203	.098	2.5	.043	1.1	2.00	51	18	80		100	1000
Intermediate Cross Section													
PLT1.5I-C0	5.6	142	.142	3.6	.045	1.1	1.38	35	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
PLT2I-C0	8.0	203	.142	3.6	.045	1.1	2.00	51	40	178		100	1000
PLT2.5I-C0	9.7	246	.145	3.7	.052	1.3	2.50	64	40	178		100	1000
PLT3I-C0	11.4	290	.145	3.7	.052	1.3	3.00	76	40	178		100	1000
PLT4I-C0	14.5	368	.145	3.7	.052	1.3	4.00	102	40	178		100	1000
Standard Cross Section													
PLT1S-C0	4.8	122	.190	4.8	.052	1.3	1.00	25	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
PLT1.5S-C0	6.2	157	.190	4.8	.052	1.3	1.50	38	50	222		100	1000
PLT2S-C0	7.4	188	.190	4.8	.052	1.3	1.88	48	50	222		100	1000
PLT2.5S-C0	9.8	249	.190	4.8	.052	1.3	2.50	64	50	222		100	1000
PLT3S-C0	11.5	292	.190	4.8	.052	1.3	3.00	76	50	222		100	1000
PLT4S-C0	14.5	368	.190	4.8	.052	1.3	4.00	102	50	222		100	1000
PLT4.5S-C0	15.5	394	.190	4.8	.052	1.3	4.50	114	50	222		100	1000
PLT5S-C0	17.5	445	.190	4.8	.052	1.3	5.00	127	50	222		100	500
Light-Heavy Cross Section (Straight Tip)													
PLT2H-L0	8.1	206	.300	7.6	.075	1.9	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	500
PLT2.5H-L0	9.8	251	.300	7.6	.075	1.9	2.50	64	120	534		50	500
PLT3H-L0	11.4	290	.300	7.6	.075	1.9	3.00	76	120	534		50	500
PLT4H-L0	14.5	368	.300	7.6	.075	1.9	4.00	102	120	534		50	500
PLT6LH-L0	21.9	556	.300	7.6	.075	1.9	6.00	152	120	534		50	500
PLT7LH-L0	24.7	627	.300	7.6	.075	1.9	7.00	178	120	534		50	500
PLT8LH-L0	27.6	701	.300	7.6	.075	1.9	8.00	203	120	534		50	500
PLT9LH-L0	30.5	775	.300	7.6	.075	1.9	9.00	229	120	534		50	500
Heavy Cross Section (Straight Tip)													
PLT5H-L0	17.7	450	.350	8.9	.078	2.0	5.00	127	175	778	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	500
PLT6H-L0	20.9	530	.350	8.9	.078	2.0	6.00	152	175	778		50	500
PLT8H-L0	30.6	779	.350	8.9	.078	2.0	9.00	229	175	778		50	500
PLT13H-Q0	43.3	1100	.350	8.9	.078	2.0	13.00	330	175	778		25	500

Note: UL Listed and UL Recognized except PLT.6SM and H cross section; CSA Certified except LH & H cross section.

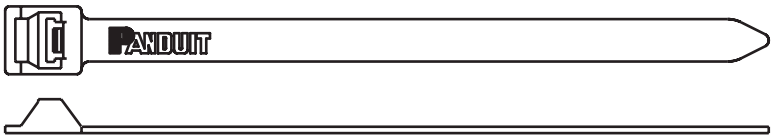
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

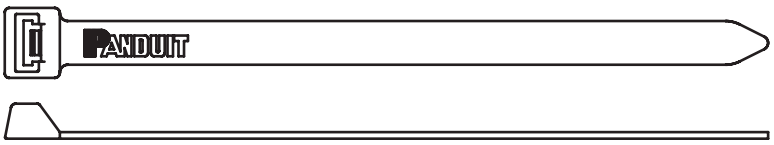
PAN-TY® Lashing Ties – Weather Resistant Nylon 6.6

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Typically used for heavy duty applications
- Strongest *PAN-TY*® Cable Tie available
- Can be used with MCEH mounting clip, see page B1.22

Lashing Tie



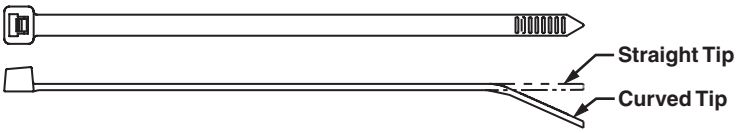
No Buckle Design



Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Extra-Heavy Cross Section													
PLT2EH-Q0	9.0	229	.500	12.7	.075	1.9	2.00	51	250	1112	GS4EH, ST2EH	25	250
PLT5EH-Q0	20.1	511	.500	12.7	.075	1.9	5.00	127	250	1112		25	250
PLT6EH-Q0	22.2	564	.500	12.7	.075	1.9	6.00	152	250	1112		25	250
PLT8EH-Q0	28.3	719	.500	12.7	.085	2.2	8.00	203	250	1112		25	250
PLT10EH-Q0	34.2	869	.500	12.7	.085	2.2	10.00	254	250	1112		25	250
PLT12EH-Q0	40.1	1019	.500	12.7	.085	2.2	12.00	305	250	1112		25	250
Extra-Heavy Cross Section (No Buckle Design)													
PLT3EH-NB-C0	12.2	310	.500	12.7	.075	1.9	3.30	84	250	1112	GS4EH, ST2EH	100	1000
PLT5EH-NB-C0	19.8	503	.500	12.7	.075	1.9	5.00	127	250	1112		100	1000
PLT6EH-NB-C0	21.8	554	.500	12.7	.075	1.9	6.00	152	250	1112		100	1000

PAN-TY® Cable Ties – Heat Stabilized Nylon 6.6

- For high temperature applications – indoor use
- One-piece construction for consistent performance and reliability
- Lowest threading force of any one-piece cable tie in the industry
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Subminiature Cross Section													
PLT.6SM-M30	2.8	71	.070	1.8	.030	.8	.60	15	8	36	GTS, GTSL, PTS	1000	50000
Miniature Cross Section													
PLT.7M-M30	3.1	79	.090	2.3	.032	.8	.68	17	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
PLT1M-C30	3.9	99	.098	2.5	.043	1.1	.87	22	18	80		100	1000
PLT1.5M-M30	5.6	142	.098	2.5	.043	1.1	1.25	32	18	80		1000	50000
PLT2M-M30	8.0	203	.098	2.5	.043	1.1	2.00	51	18	80		1000	25000
Intermediate Cross Section													
PLT1.5I-C30	5.6	142	.142	3.6	.045	1.1	1.38	35	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
PLT2I-C30	8.0	203	.142	3.6	.045	1.1	2.00	51	40	178		100	1000
PLT3I-M30	11.4	290	.145	3.7	.052	1.3	3.00	76	40	178		1000	10000
PLT4I-M30	14.5	368	.145	3.7	.052	1.3	4.00	102	40	178		1000	10000
Standard Cross Section													
PLT1S-M30	4.8	122	.190	4.8	.052	1.3	1.00	25	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
PLT1.5S-M30	6.2	157	.190	4.8	.052	1.3	1.50	38	50	222		1000	10000
PLT2S-C30	7.4	188	.190	4.8	.052	1.3	1.88	48	50	222		100	1000
PLT2S-M39‡	7.4	188	.190	4.8	.052	1.3	1.88	48	50	222		1000	10000
PLT2.5S-M30	9.8	249	.190	4.8	.052	1.3	2.50	64	50	222		1000	10000
PLT3S-C30	11.5	292	.190	4.8	.052	1.3	3.00	76	50	222		100	1000
PLT4S-C30	14.5	368	.190	4.8	.052	1.3	4.00	102	50	222		100	1000
PLT5S-M30	17.5	445	.190	4.8	.052	1.3	5.00	127	50	222		1000	5000
Light-Heavy Cross Section (Straight Tip)													
PLT2H-TL30	8.1	206	.300	7.6	.075	1.9	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
PLT3H-TL30	11.4	290	.300	7.6	.075	1.9	3.00	76	120	534		250	2500
PLT4H-TL30	14.5	368	.300	7.6	.075	1.9	4.00	102	120	534		250	2500
PLT7LH-C30	24.7	627	.300	7.6	.075	1.9	7.00	178	120	534		100	2000
PLT9LH-C30	30.5	775	.300	7.6	.075	1.9	9.00	229	120	534		100	1000
Heavy Cross Section (Straight Tip)													
PLT5H-C30	17.7	450	.350	8.9	.078	2.0	5.00	127	175	778	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	100	2000
PLT6H-C30	20.9	530	.350	8.9	.078	2.0	6.00	152	175	778		100	2000
PLT8H-C30	30.6	779	.350	8.9	.078	2.0	9.00	229	175	778		100	1500

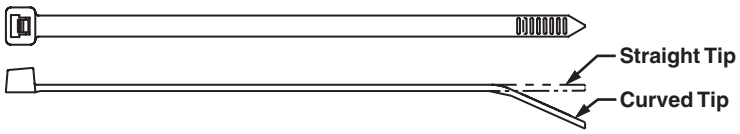
‡PLT2S-M39 is a Natural Heat Stabilized material.
Note: UL Listed except PLT.6SM and PLT5H/6H/8H.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TY® Cable Ties – Heat Stabilized Weather Resistant Nylon 6.6

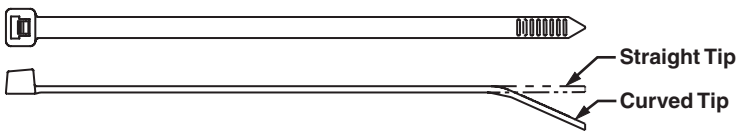
- Greater resistance to damage caused by ultraviolet light and for high temperature applications – indoor or outdoor use
- One-piece construction for consistent performance and reliability
- Lowest threading force of any one-piece cable tie in the industry
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Miniature Cross Section													
PLT1M-M300	3.9	99	.098	2.5	.035	.9	.87	22	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
Intermediate Cross Section													
PLT1.5I-M300	5.6	142	.142	3.6	.045	1.1	1.38	35	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
PLT2I-M300	8.0	203	.142	3.6	.045	1.1	2.00	51	40	178		1000	25000
Standard Cross Section													
PLT1S-M300	4.8	122	.190	4.8	.052	1.3	1.00	25	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
PLT2S-M300	7.4	188	.190	4.8	.052	1.3	1.88	48	50	222		1000	10000
PLT4S-M300	14.5	368	.190	4.8	.052	1.3	4.00	102	50	222		1000	5000
Light-Heavy Cross Section (Straight Tip)													
PLT2H-TL300	8.4	213	.300	7.6	.075	1.9	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
PLT4H-TL300	14.5	368	.300	7.6	.075	1.9	4.00	102	120	534		250	2500

PAN-TY® Cable Ties – Flame Retardant Nylon 6.6

- Flammability rating of UL94V-0 – indoor use
- One-piece construction for consistent performance and reliability
- Lowest threading force of any one-piece cable tie in the industry
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation
- Complementary flame retardant mounts available, see pages B2.3 and B2.7



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Miniature Cross Section													
PLT1M-M60‡	4.0	102	.098	2.5	.043	1.1	.87	22	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
PLT1M-M69	4.0	102	.098	2.5	.043	1.1	.87	22	18	80		1000	25000
PLT2M-M69	8.0	203	.098	2.5	.043	1.1	2.00	51	18	80		1000	25000
Intermediate Cross Section													
PLT1.5I-M69	5.6	142	.142	3.6	.044	1.1	1.38	35	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
PLT2I-M69	8.0	203	.142	3.6	.044	1.1	2.00	51	40	178		1000	25000
Standard Cross Section													
PLT2S-M60‡	7.4	188	.190	4.8	.052	1.3	1.88	48	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
PLT2S-M69	7.4	188	.190	4.8	.052	1.3	1.88	48	50	222		1000	10000
PLT4S-M69	14.5	368	.190	4.8	.052	1.3	4.00	102	50	222		1000	5000
Light-Heavy Cross Section (Straight Tip)													
PLT4H-TL69	14.6	371	.300	7.6	.075	1.9	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500

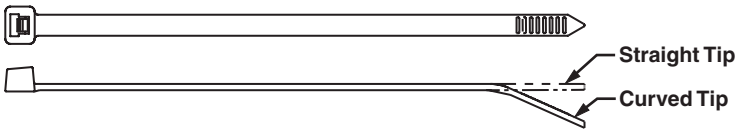
‡PLT1M-M60 and PLT2S-M60 are Black Flame Retardant material.
Note: UL Recognized and CSA Certified except 60 material.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TY® Cable Ties – Weather Resistant Nylon 12

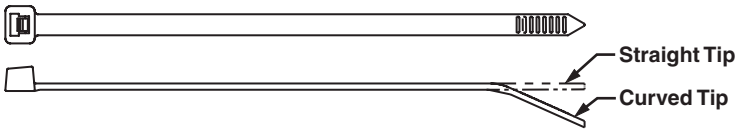
- For high moisture, corrosive (zinc chloride and dilute acids) and low temperature indoor or outdoor applications
- One-piece construction for consistent performance and reliability
- Lowest threading force of any one-piece cable tie in the industry
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Intermediate Cross Section													
PLT1.5I-M120	5.6	142	.142	3.6	.045	1.1	1.38	35	25	111	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
Standard Cross Section													
PLT2S-M120	7.4	188	.190	4.8	.052	1.3	1.88	48	40	178	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
PLT4S-M120	14.5	368	.190	4.8	.052	1.3	4.00	102	40	178		1000	5000
Light-Heavy Cross Section (Straight Tip)													
PLT4H-TL120	14.5	368	.300	7.6	.075	1.9	4.00	102	90	400	GTH, GTSL, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
PLT8LH-C120	27.6	701	.300	7.6	.075	1.9	8.00	203	90	400		100	2000

PAN-TY® Cable Ties – Polypropylene – Distinctive Green Color

- For chemical resistance where high loop tensile strength is not required especially in the presence of hydrochloric acid, salts and bases
- For indoor use
- Material requires lowering the tool setting (see package label)
- One-piece construction for consistent performance and reliability
- Lowest threading force of any one-piece cable tie in the industry
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



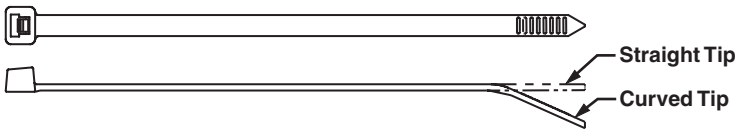
Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Miniature Cross Section													
PLT1M-M109	3.9	99	.098	2.5	.043	1.1	.87	22	11	49	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
Intermediate Cross Section													
PLT1.5I-M109	5.6	142	.142	3.6	.045	1.1	1.38	35	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
Standard Cross Section													
PLT2S-M109	7.4	188	.190	4.8	.052	1.3	1.88	48	30	133	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
PLT3S-M109	11.5	292	.190	4.8	.052	1.3	3.00	76	30	133		1000	10000
PLT4S-M109	14.5	368	.190	4.8	.052	1.3	4.00	102	30	133		1000	5000
Light-Heavy Cross Section (Straight Tip)													
PLT2H-TL109	8.1	206	.300	7.6	.075	1.9	2.00	51	50	222	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
PLT3H-TL109	11.4	290	.300	7.6	.075	1.9	3.00	76	50	222		250	2500
PLT4H-TL109	14.5	368	.300	7.6	.075	1.9	4.00	102	50	222		250	2500

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TY® Cable Ties – Weather Resistant Polypropylene

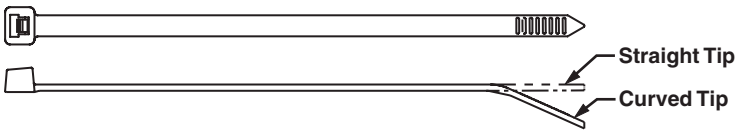
- For chemical resistance where high loop tensile strength is not required especially in the presence of hydrochloric acid, salts and bases
- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Material requires lowering the tool setting (see package label)
- One-piece construction for consistent performance and reliability
- Lowest threading force of any one-piece cable tie in the industry
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Miniature Cross Section													
PLT1M-M100	3.9	99	.098	2.5	.043	1.1	.87	22	11	49	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
Intermediate Cross Section													
PLT1.5I-M100	5.6	142	.142	3.6	.045	1.1	1.38	35	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
Standard Cross Section													
PLT2S-M100	7.4	188	.190	4.8	.052	1.3	1.88	48	30	133	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTS, PPTS, STS2, STH2	1000	10000
PLT3S-M100	11.5	292	.190	4.8	.052	1.3	3.00	76	30	133		1000	10000
PLT4S-M100	14.5	368	.190	4.8	.052	1.3	4.00	102	30	133		1000	5000
Light-Heavy Cross Section (Straight Tip)													
PLT2H-TL100	8.1	206	.300	7.6	.075	1.9	2.00	51	50	222	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
PLT3H-TL100	11.4	290	.300	7.6	.075	1.9	3.00	76	50	222		250	2500
PLT4H-TL100	14.5	368	.300	7.6	.075	1.9	4.00	102	50	222		250	2500

PAN-TY® Cable Ties – HALAR▲ – Distinctive Maroon Color

- UL Listed for use in plenum or air handling spaces per NEC, Section 300-22 (C) and (D)
- Low smoke density and excellent flammability rating of UL94V-0
- Commonly accepted solution for bundling qualified cable without conduit in air handling space applications
- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Miniature Cross Section													
PLT1M-C702Y	4.0	102	.098	2.5	.043	1.1	.87	22	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
Standard Cross Section													
PLT2S-C702Y	7.4	188	.190	4.8	.055	1.4	1.88	48	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
PLT3S-C702Y	11.6	295	.190	4.8	.055	1.4	3.00	76	50	222		100	1000

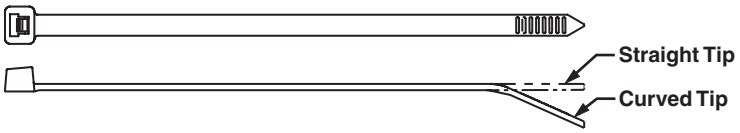
▲HALAR is a registered trademark of Solvay Solexis, Inc.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TY® Cable Ties – TEFZEL■ – Distinctive Aqua Blue Color

- Ideal for applications requiring resistance to environmental stresses such as chemical attack, gamma radiation, ultraviolet radiation and extreme temperatures
- Ideal for use in nuclear power facilities and chemical processing plants
- Low smoke density and excellent flammability rating of UL94V-0
- TEFZEL cable tie mounts also available, see page B2.7
- For indoor or outdoor use

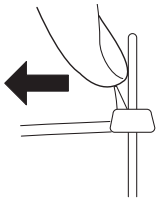


Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Miniature Cross Section													
PLT1M-C76	4.0	102	.098	2.5	.043	1.1	.87	22	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
Intermediate Cross Section													
PLT2I-C76	8.0	203	.135	3.4	.045	1.1	2.00	51	25	111	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
Standard Cross Section													
PLT2S-C76	7.4	188	.190	4.8	.055	1.4	1.88	48	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
PLT3S-C76	11.6	295	.190	4.8	.059	1.5	3.00	76	50	222		100	1000
PLT4S-C76	14.6	371	.190	4.8	.059	1.5	4.00	102	50	222		100	1000
Light-Heavy Cross Section (Straight Tip)													
PLT3H-L76	11.5	292	.300	7.6	.075	1.9	3.00	78	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	500
PLT4H-L76	14.6	371	.300	7.6	.075	1.9	4.00	102	120	534		50	500

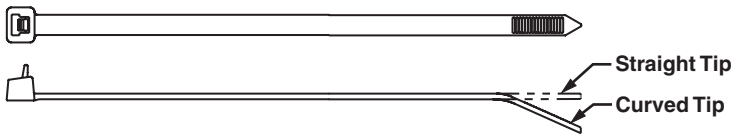
■TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.

PAN-TY® Releasable Cable Ties – Nylon 6.6

- For indoor use
- Extended release tab permits easy release and re-use where changes are anticipated during development, production or servicing in the field
- One-piece construction for consistent performance and reliability
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



To release, grasp the head of the cable tie, deflect release tab and pull the cable tie away from the bundle.

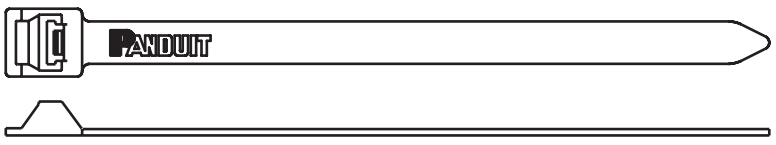


Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Standard Cross Section													
PRT1S-C	4.8	122	.190	4.8	.052	1.3	1.00	25	50	222	Hand Installed Only	100	1000
PRT1.5S-C	6.3	160	.190	4.8	.052	1.3	1.50	38	50	222		100	1000
PRT2S-C	7.4	188	.190	4.8	.052	1.3	1.88	48	50	222		100	1000
PRT3S-C	11.5	292	.190	4.8	.052	1.3	3.00	76	50	222		100	1000
PRT4S-C	14.5	368	.190	4.8	.052	1.3	4.00	102	50	222		100	1000
Light-Heavy Cross Section (Straight Tip)													
PRT2H-L	8.4	213	.300	7.6	.075	1.9	2.00	51	80	356	Hand Installed Only	50	500
PRT3H-L	11.4	290	.300	7.6	.075	1.9	3.00	76	80	356		50	500
PRT4H-L	14.5	368	.300	7.6	.075	1.9	4.00	102	80	356		50	500

Note: UL Listed for use in plenum or air handling spaces per NEC except PRT2H/3H/4H.

PAN-TY® Releasable Lashing Ties – Nylon 6.6

- For indoor use
- Release tab permits easy release and re-use where changes are anticipated during development, production or servicing in the field
- Typically used for heavy duty applications
- Strongest *PAN-TY*® Cable Tie available
- Can be used with MCEH mounting clip, see page B1.22



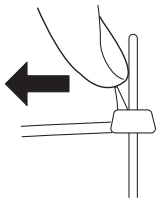
Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Extra-Heavy Cross Section													
PRT2EH-C	9.0	229	.500	12.7	.075	1.9	2.00	51	250	1112	Hand Installed Only	100	1000
PRT5EH-Q	20.1	511	.500	12.7	.075	1.9	5.00	127	250	1112		25	250
PRT6EH-Q	22.2	564	.500	12.7	.075	1.9	6.00	152	250	1112		25	250
PRT8EH-C	28.3	719	.500	12.7	.085	2.2	8.00	203	250	1112		100	1000
PRT10EH-C	34.2	869	.500	12.7	.085	2.2	10.00	254	250	1112		100	500
PRT12EH-C	40.1	1019	.500	12.7	.085	2.2	12.00	305	250	1112		100	500

Order number of pieces required, in multiples of Standard Package Quantity.

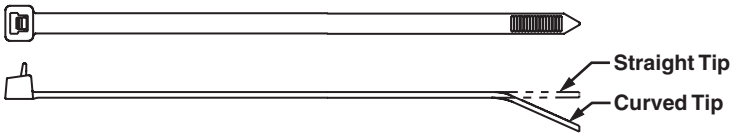
Prime items appear in **BOLD**.

PAN-TY® Releasable Cable Ties – Weather Resistant & Heat Stabilized Nylon 6.6

- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Heat Stabilized material for high temperature applications – indoor use
- Extended release tab permits easy release and re-use where changes are anticipated during development, production or servicing in the field
- One-piece construction for consistent performance and reliability
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



To release, grasp the head of the cable tie, deflect release tab and pull the cable tie away from the bundle.

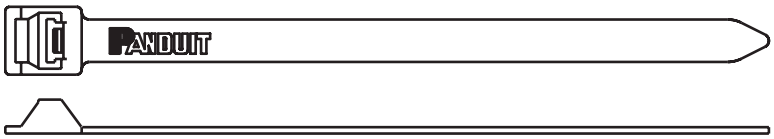


Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Weather Resistant Nylon 6.6													
Standard Cross Section													
PRT1S-C0	4.8	122	.190	4.8	.052	1.3	1.00	25	50	222	Hand Installed Only	100	1000
PRT1.5S-C0	6.3	160	.190	4.8	.052	1.3	1.50	38	50	222		100	1000
PRT2S-C0	7.4	188	.190	4.8	.052	1.3	1.88	48	50	222		100	1000
PRT3S-C0	11.5	292	.190	4.8	.052	1.3	3.00	76	50	222		100	1000
PRT4S-C0	14.5	368	.190	4.8	.052	1.3	4.00	102	50	222		100	1000
Light-Heavy Cross Section (Straight Tip)													
PRT2H-L0	8.4	213	.300	7.6	.075	1.9	2.00	51	80	356	Hand Installed Only	50	500
PRT3H-L0	11.4	290	.300	7.6	.075	1.9	3.00	76	80	356		50	500
PRT4H-L0	14.5	368	.300	7.6	.075	1.9	4.00	102	80	356		50	500
Heat Stabilized Nylon 6.6													
Standard Cross Section													
PRT1.5S-M30	6.3	160	.190	4.8	.052	1.3	1.50	38	50	222	Hand Installed Only	1000	10000

Note: UL Listed, UL Recognized and CSA Certified except PRT2H/3H/4H.

PAN-TY® Releasable Lashing Ties – Weather Resistant Nylon 6.6

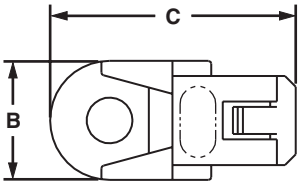
- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Release tab permits easy release and re-use where changes are anticipated during development, production or servicing in the field
- Typically used for heavy duty applications
- Strongest *PAN-TY®* Cable Tie available
- Can be used with MCEH mounting clip shown below



Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Extra-Heavy Cross Section													
PRT2EH-Q0	9.0	229	.500	12.7	.075	1.9	2.00	51	250	1112	Hand Installed Only	25	250
PRT5EH-Q0	20.1	511	.500	12.7	.075	1.9	5.00	127	250	1112		25	250
PRT6EH-Q0	22.2	564	.500	12.7	.075	1.9	6.00	152	250	1112		25	250
PRT8EH-Q0	28.3	719	.500	12.7	.085	2.2	8.00	203	250	1112		25	250
PRT10EH-Q0	34.2	869	.500	12.7	.085	2.2	10.00	254	250	1112		25	250
PRT12EH-Q0	40.1	1019	.500	12.7	.085	2.2	12.00	305	250	1112		25	250

Lashing Tie Mounting Clip – Weather Resistant Nylon 6.6

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Converts *PANDUIT* Lashing Ties into clamps
- Easily snaps in place for a secure clamp
- Use with Lashing Ties shown above and on pages B1.9, B1.11, B1.20 and B1.23



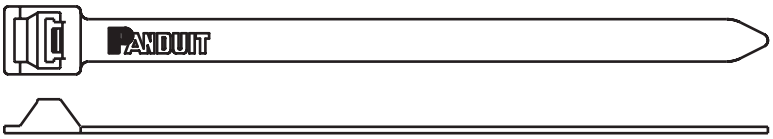
Part Number	Height A		Width B		Length C		Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm			
MCEH-S25-C0	.13	3.3	.67	17.0	1.38	35	1/4" Screw (not flathead)	100	1000

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TY® Releasable Lashing Ties – Weather Resistant Polypropylene

- For chemical resistance where high loop tensile strength is not required especially in the presence of hydrochloric acid, salts and bases
- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Release tab permits easy release and re-use where changes are anticipated during development, production or servicing in the field
- Typically used for heavy duty applications

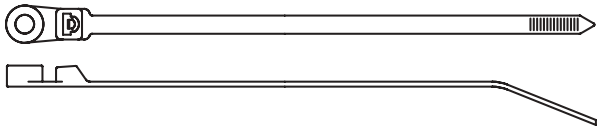


Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Extra-Heavy Cross Section													
PRT2EH-C100	9.0	229	.500	12.7	.075	1.9	2.00	51	90	400	Hand Installed Only	100	1000
PRT5EH-C100	20.1	511	.500	12.7	.075	1.9	5.00	127	90	400		100	1000
PRT6EH-C100	22.2	564	.500	12.7	.075	1.9	6.00	152	90	400		100	1000
PRT8EH-C100	28.3	719	.500	12.7	.085	2.2	8.00	203	90	400		100	1000

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

PAN-TY® Clamp Ties – Nylon 6.6

- For indoor use
- Used to secure a cable bundle to another surface such as a control panel, communication rack, wall or ceiling
- Design allows for bundling before or after screwing clamp in place
- One-piece construction for consistent performance and reliability
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



PLENUM RATED

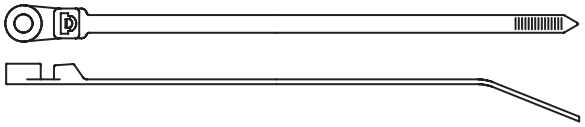
Part Number	Length		Width		Thickness		Nominal Hole Dia.		Screw Size	Metric Screw Size	Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm			In.	mm	Lbs.	N			
Miniature Cross Section																	
PLC1M-S4-C	4.3	109	.100	2.5	.045	1.1	.122	3.1	#4	M2.5	.75	19	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
Intermediate Cross Section																	
PLC1.5I-S8-C	6.1	155	.135	3.4	.045	1.1	.174	4.4	#8	M4	1.25	32	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
Standard Cross Section																	
PLC2S-S6-C	7.9	201	.190	4.8	.047	1.2	.148	3.8	#6	M3	1.84	47	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
PLC2S-S10-C	7.9	201	.190	4.8	.047	1.2	.200	5.1	#10	M5	1.84	47	50	222		100	1000
PLC3S-S10-C	12.0	305	.190	4.8	.047	1.2	.200	5.1	#10	M5	3.00	76	50	222		100	1000
PLC4S-S10-C	15.0	381	.190	4.8	.052	1.3	.200	5.1	#10	M5	4.00	102	50	222		100	1000
Light-Heavy Cross Section																	
PLC2H-S25-L	9.0	229	.300	7.6	.075	1.9	.260	6.6	1/4	M6	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	500
PLC4H-S25-L	15.1	384	.300	7.6	.075	1.9	.260	6.6	1/4	M6	4.00	102	120	534		50	500

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TY® Clamp Ties – Weather Resistant & Heat Stabilized Nylon 6.6

- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Heat Stabilized material for high temperature applications – indoor use
- Used to secure a cable bundle to another surface such as a control panel, communication rack, wall or ceiling
- Design allows for bundling before or after screwing clamp in place
- One-piece construction for consistent performance and reliability
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation

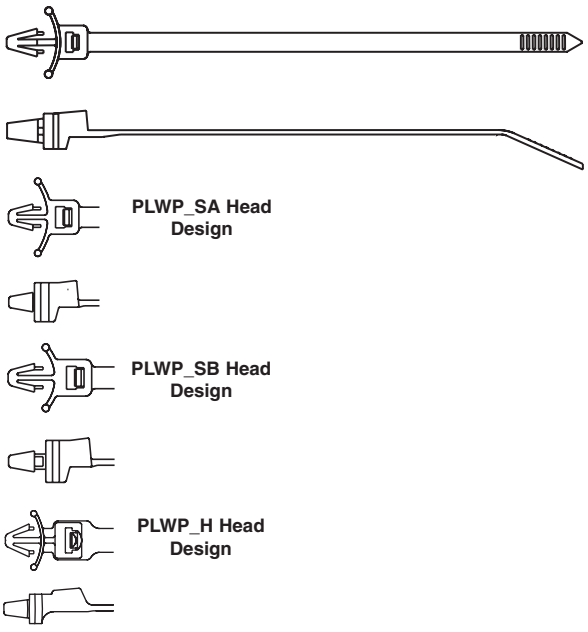


Part Number	Length		Width		Thickness		Nominal Hole Dia.		Screw Size	Metric Screw Size	Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm			In.	mm	Lbs.	N			
Weather Resistant Nylon 6.6																	
Miniature Cross Section																	
PLC1M-S4-C0	4.3	109	.100	2.5	.045	1.1	.122	3.1	#4	M2.5	.75	19	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
Intermediate Cross Section																	
PLC1.5I-S8-C0	6.1	155	.135	3.4	.045	1.1	.174	4.4	#8	M4	1.25	32	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
Standard Cross Section																	
PLC2S-S6-C0	7.9	201	.190	4.8	.047	1.2	.148	3.8	#6	M3	1.84	47	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
PLC2S-S10-C0	7.9	201	.190	4.8	.047	1.2	.200	5.1	#10	M5	1.84	47	50	222		100	1000
PLC3S-S10-C0	12.0	305	.190	4.8	.052	1.3	.200	5.1	#10	M5	3.00	76	50	222		100	1000
PLC4S-S10-C0	15.0	381	.190	4.8	.052	1.3	.200	5.1	#10	M5	4.00	102	50	222		100	1000
Light-Heavy Cross Section																	
PLC2H-S25-TL0	9.0	229	.300	7.6	.075	1.9	.260	6.6	1/4	M6	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
PLC4H-S25-L0	15.1	384	.300	7.6	.075	1.9	.260	6.6	1/4	M6	4.00	102	120	534		50	500
Heat Stabilized Nylon 6.6																	
Miniature Cross Section																	
PLC1M-S4-M30	4.3	109	.100	2.5	.045	1.1	.122	3.1	#4	M2.5	.75	19	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
Intermediate Cross Section																	
PLC1.5I-S8-M30	6.1	155	.135	3.4	.045	1.1	.174	4.4	#8	M4	1.25	32	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
Standard Cross Section																	
PLC2S-S10-M30	7.9	201	.190	4.8	.047	1.2	.200	5.1	#10	M5	1.84	47	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
PLC4S-S10-M30	15.0	381	.190	4.8	.052	1.3	.200	5.1	#10	M5	4.00	102	50	222		1000	5000
Light-Heavy Cross Section																	
PLC2H-S25-TL30	9.0	229	.300	7.6	.075	1.9	.260	6.6	1/4	M6	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
PLC4H-S25-TL30	15.1	384	.300	7.6	.075	1.9	.260	6.6	1/4	M6	4.00	102	120	534		250	2500

Note: UL Recognized and CSA Certified except PLC2H/4H in Weather Resistant material (0).

PAN-TY® Wing Push Mount Ties – Nylon 6.6

- For indoor use
- Combines cable tie, mount and fastener into a single part
- Used to attach bundles to another surface such as a flat panel
- Anchor is easily pressed into a pre-formed hole and locks in place
- Wings provide constant tension for a stable, secure and rattle-free installation
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Nominal Hole Dia. In.	Nominal Hole Dia. mm	Max. Panel Thickness In.	Max. Panel Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Miniature Cross Section																	
PLWP1M-C	4.3	109	.098	2.5	.044	1.1	.187	4.7	.093	2.4	.87	22	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
Intermediate Cross Section																	
PLWP1.5I-C	6.0	152	.135	3.4	.045	1.2	.187	4.7	.093	2.4	1.25	32	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
Standard Cross Section																	
PLWP1S-C	5.2	132	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.00	25	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
PLWP1SA-D	5.1	130	.190	4.8	.052	1.3	.187	4.7	.093	2.4	1.00	25	50	222		500	5000
PLWP1SB-D	5.2	132	.190	4.8	.052	1.3	.187	4.7	.157	4.0	1.00	25	50	222		500	5000
PLWP1.5S-D	6.8	173	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.50	38	50	222		500	5000
PLWP1.5SA-D	6.7	170	.190	4.8	.052	1.3	.187	4.7	.093	2.4	1.50	38	50	222		500	5000
PLWP2S-C	7.8	198	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.75	45	50	222		100	1000
PLWP2SA-D	7.7	196	.190	4.8	.052	1.3	.187	4.7	.093	2.4	1.75	45	50	222		500	5000
PLWP2SB-D	7.8	198	.190	4.8	.052	1.3	.187	4.7	.157	4.0	1.75	45	50	222		500	5000
Light-Heavy Cross Section																	
PLWP2H-TL	8.9	226	.300	7.6	.075	1.9	.266	6.8	.105	2.7	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
PLWP3H-TL	12.0	305	.300	7.6	.075	1.9	.266	6.8	.105	2.7	3.00	76	120	534		250	2500

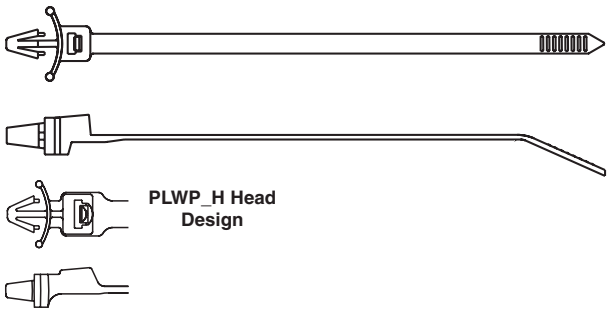
Note: UL Recognized except PLWP2H/3H.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TY® Wing Push Mount Ties – Weather Resistant & Heat Stabilized Nylon 6.6

- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Heat Stabilized material for high temperature applications – indoor use
- Combines cable tie, mount and fastener into a single part
- Used to attach bundles to another surface such as a flat panel
- Anchor is easily pressed into a pre-formed hole and locks in place
- Wings provide constant tension for a stable, secure and rattle-free installation
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Nominal Hole Dia. In.	Nominal Hole Dia. mm	Max. Panel Thickness In.	Max. Panel Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Weather Resistant Nylon 6.6																	
Miniature Cross Section																	
PLWP1M-D0	4.3	109	.098	2.5	.044	1.1	.187	4.7	.093	2.4	.87	22	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	500	5000
Standard Cross Section																	
PLWP1S-C0	5.2	132	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.00	25	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
PLWP2S-C0	7.8	198	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.75	45	50	222		100	1000
Light-Heavy Cross Section																	
PLWP2H-TL0	8.9	226	.300	7.6	.075	1.9	.266	6.8	.105	2.7	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
PLWP3H-TL0	12.0	305	.300	7.6	.075	1.9	.266	6.8	.105	2.7	3.00	76	120	534		250	2500
Heat Stabilized Nylon 6.6																	
Miniature Cross Section																	
PLWP1M-D30	4.3	109	.098	2.5	.044	1.1	.187	4.7	.093	2.4	.87	22	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	500	5000
Intermediate Cross Section																	
PLWP1.5I-D30	6.0	152	.135	3.4	.045	1.2	.187	4.7	.093	2.4	1.25	32	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	500	5000
Standard Cross Section																	
PLWP1S-D30	5.2	132	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.00	25	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	500	5000
PLWP1.5S-D30	6.8	173	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.50	38	50	222		500	5000
PLWP2S-D30	7.8	198	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.75	45	50	222		500	5000
Light-Heavy Cross Section																	
PLWP2H-TL30	8.9	226	.300	7.6	.075	1.9	.266	6.8	.105	2.7	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500

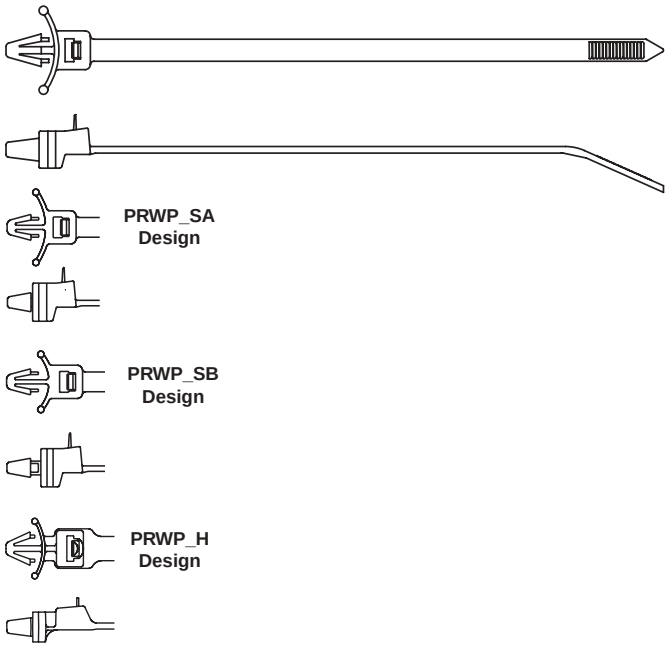
Note: UL Recognized and CSA Certified except PLWP2H/3H.

PAN-TY® Releasable Wing Push Mount Ties

- Natural Nylon material for indoor use
- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Heat Stabilized material for high temperature applications – indoor use
- Combines cable tie, mount and fastener into a single part
- Used to attach bundles to another surface such as a flat panel
- Anchor is easily pressed into a pre-formed hole and locks in place
- Wings provide constant tension for a stable, secure and rattle-free installation
- Extended release tab permits easy release and re-use where changes are anticipated during development, production or servicing in the field
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation

PRWP2S-D

PRWP2S-D0



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Nominal Hole Dia. In.	Nominal Hole Dia. mm	Max. Panel Thickness In.	Max. Panel Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Nylon 6.6																	
Standard Cross Section																	
PRWP1S-C	5.2	132	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.00	25	50	222	Hand Installed Only	100	1000
PRWP1SA-D	5.1	130	.190	4.8	.052	1.3	.187	4.7	.093	2.4	1.00	25	50	222		500	5000
PRWP1SB-D	5.2	132	.190	4.8	.052	1.3	.187	4.7	.157	4.0	1.00	25	50	222		500	5000
PRWP1.5S-D	6.8	173	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.50	38	50	222		500	5000
PRWP2S-D	7.8	198	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.75	45	50	222		500	5000
Light-Heavy Cross Section																	
PRWP2H-TL	8.9	226	.300	7.6	.075	1.9	.266	6.8	.105	2.7	2.00	51	120	534	Hand Installed Only	250	2500
Weather Resistant Nylon 6.6																	
Standard Cross Section																	
PRWP1S-D0	5.2	132	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.00	25	50	222	Hand Installed Only	500	5000
PRWP1.5S-D0	6.8	173	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.50	38	50	222		500	5000
PRWP2S-D0	7.8	198	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.75	45	50	222		500	5000
Heat Stabilized Nylon 6.6																	
Standard Cross Section																	
PRWP1.5S-D30	6.8	173	.190	4.8	.052	1.3	.250	6.4	.105	2.7	1.50	38	50	222	Hand Installed Only	500	5000

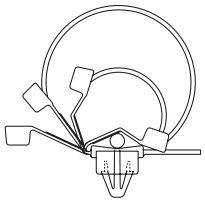
Note: UL Recognized and CSA Certified except PRWP2H.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TY® Center Mounted Wing Push Mount Ties – Heat Stabilized Nylon 6.6

- For high temperature applications – indoor use
- Used to center the bundle over the mount on all bundle diameters
- Combines cable tie, mount and fastener into a single part
- Anchor is easily pressed into a pre-formed hole and locks in place
- Wings provide constant tension for a stable, secure and rattle-free installation
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Bundle diameters from .12" to 1.97" (3mm to 50mm)

PLWP-SC – Designed for normal wire bundles.

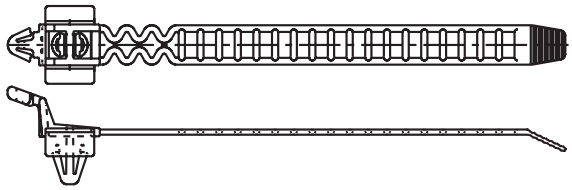
PLWP-SD – Designed for corrugated loom tubing. Bump prevents lateral and axial movement.

PLWP-SE – Designed for corrugated loom tubing, see pages C3.30, C3.31. Bump prevents lateral movement.

Part Number	Length		Width		Thickness		Nominal Hole Dia.		Max. Panel Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Standard Cross Section																	
PLWP30SC-D30	5.8	147	.190	4.8	.050	1.3	.266	6.8	.118	3.0	1.18	30	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	500	5000
PLWP40SC-D30	7.0	178	.190	4.8	.050	1.3	.266	6.8	.118	3.0	1.58	40	50	222		500	5000
PLWP40SD-D30	7.0	178	.190	4.8	.050	1.3	.266	6.8	.118	3.0	1.58	40	50	222		500	5000
PLWP50SC-D30	8.2	208	.190	4.8	.050	1.3	.266	6.8	.118	3.0	1.97	50	50	222		500	5000
PLWP50SE-D30	8.2	208	.190	4.8	.050	1.3	.266	6.8	.118	3.0	1.97	50	50	222		500	5000

PAN-TY® Ladder Style Releasable Wing Push Mount Ties – Heat Stabilized Nylon 6.6

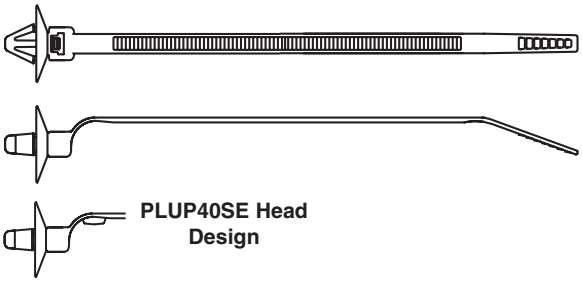
- For high temperature applications – indoor use
- Unique releasable ladder design eliminates the need for multiple clamp sizes
- Combines cable tie, mount and fastener into a single part
- Used to attach bundles to another surface such as a flat panel
- Anchor is easily pressed into a pre-formed hole and locks in place
- Wings provide constant tension for a stable, secure and rattle-free installation
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Nominal Hole Dia. In.	Nominal Hole Dia. mm	Max. Panel Thickness In.	Max. Panel Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Standard Cross Section																	
PRLWP30S-D30	4.7	119	.380	9.7	.050	1.3	.266	6.8	.118	3.0	1.43	36	35	156	Hand Installed Only	500	5000
PRLWP50S-D30	7.1	180	.380	9.7	.050	1.3	.266	6.8	.118	3.0	2.18	55	35	156		500	5000

PAN-TY® Umbrella Wing Push Mount Ties – Nylon & Heat Stabilized Nylon 6.6

- Natural Nylon material for indoor use
- Heat Stabilized material for high temperature applications – indoor use
- Quick, secure way to fasten to clearance holes in panel
- Anchor is easily pressed into a pre-formed hole in a light gauge metal or plastic and locks in place
- Umbrella shaped disk provides constant tension for a stable, secure and rattle-free installation
- Forms a dust-tight and semi-liquid tight seal to the panel surface
- PLUP40SE style is for use with Corrugated Loom Tubing, see pages C3.30, C3.31
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



PLUP40SE Head Design

Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Nominal Hole Dia. In.	Nominal Hole Dia. mm	Max. Panel Thickness In.	Max. Panel Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Standard Cross Section																	
PLUP40S-D30‡	7.0	177	.190	4.8	.047	1.2	.266	6.8	.050	1.3	1.57	40	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	500	5000
PLUP40SE-D	7.0	177	.190	4.8	.047	1.2	.266	6.8	.050	1.3	1.57	40	50	222		500	5000
PLUP40SE-D30‡	7.0	177	.190	4.8	.047	1.2	.266	6.8	.050	1.3	1.57	40	50	222		500	5000

‡Suffix 30 denotes Heat Stabilized material.

Order number of pieces required, in multiples of Standard Package Quantity.

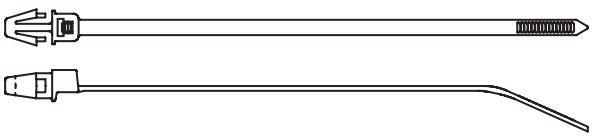
Prime items appear in **BOLD**.

PAN-TY® Push Mount Ties

- Natural Nylon material for indoor use
- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Heat Stabilized material for high temperature applications – indoor use
- *Wingless* design allows tie to be used in confined spaces
- Combines cable tie, mount and fastener into a single part
- Economical push mount ties are used to attach bundles to another surface such as a flat panel
- Anchor is easily pressed into a pre-formed hole and locks in place
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation

PLP2S-C

PLP2S-M0

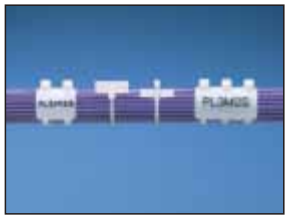


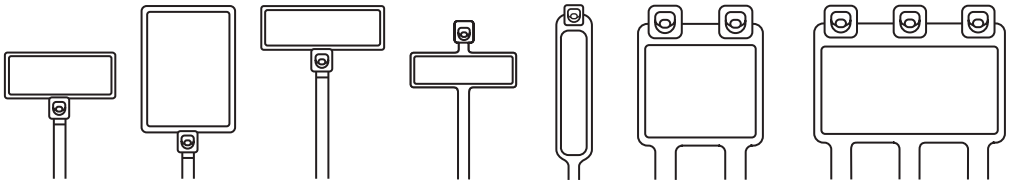
PLP1.5I Head Design

Part Number	Length		Width		Thickness		Nominal Hole Dia.		Max. Panel Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Nylon 6.6																	
Intermediate Cross Section																	
PLP1.5I-C	6.1	156	.135	3.4	.045	1.1	.187	4.7	.093	2.4	1.25	32	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
Standard Cross Section																	
PLP1S-M	5.3	135	.180	4.6	.050	1.3	.250	6.4	.125	3.2	1.00	25	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
PLP1.5S-M	6.7	170	.180	4.6	.050	1.3	.250	6.4	.125	3.2	1.50	38	50	222		1000	10000
PLP2S-C	7.9	200	.180	4.6	.050	1.3	.250	6.4	.125	3.2	1.75	45	50	222		100	1000
Weather Resistant Nylon 6.6																	
Intermediate Cross Section																	
PLP1.5I-M0	6.1	156	.135	3.4	.045	1.1	.187	4.7	.093	2.4	1.25	32	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
Standard Cross Section																	
PLP1S-M0	5.3	135	.180	4.6	.050	1.3	.250	6.4	.125	3.2	1.00	25	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
PLP2S-M0	7.9	200	.180	4.6	.050	1.3	.250	6.4	.125	3.2	1.75	45	50	222		1000	10000
Heat Stabilized Nylon 6.6																	
Intermediate Cross Section																	
PLP1.5I-M30	6.1	156	.135	3.4	.045	1.1	.187	4.7	.093	2.4	1.25	32	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
Standard Cross Section																	
PLP1S-M30	5.3	135	.180	4.6	.050	1.3	.250	6.4	.125	3.2	1.00	25	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
PLP2S-M30	7.9	200	.180	4.6	.050	1.3	.250	6.4	.125	3.2	1.75	45	50	222		1000	10000

PAN-TY® Marker & Flag Ties

- Natural Nylon material for indoor use
- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Flame Retardant material has a flammability rating of UL94V-0 – for indoor use
- Used to fasten and identify bundles at the same time
- One-piece construction for consistent performance and reliability
- Can be marked with *PANDUIT* Marker Pens on page B1.48 or Computer Printable Labels
- Custom imprinting with text, symbols or trademarks available using *PANDUIT* Custom Hot Stamping Service, see page B1.103
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation





Part Number	Marker Type	Length		Width		Thickness		Marker Write-On Area		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Nylon 6.6																
Miniature Cross Section																
PLF1M-C	Flag	4.3	109	.098	2.5	.045	1.1	.31 x .75	7.9 x 19.1	.87	22	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
PLF1MA-C	Flag	5.1	130	.098	2.5	.045	1.1	.76 x 1.04	19.1 x 26.4	.87	22	18	80		100	1000
PLF1MB-C	Flag	4.0	101	.098	2.5	.045	1.1	.31 x .92	7.9 x 23.4	.75	19	18	80		100	1000
PLM1M-C	Wrap	3.9	99	.098	2.5	.035	.9	.26 x .95	6.6 x 24.1	.75	19	18	80		100	1000
PLM2M-C	Wrap	8.0	203	.098	2.5	.035	.9	.26 x .95	6.6 x 24.1	2.00	51	18	80		100	1000
Standard Cross Section																
PLM2S-C	Wrap	7.4	188	.185	4.7	.052	1.3	.44 x .87	11.1 x 22.1	1.75	45	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
PLM4S-C	Wrap	14.6	371	.185	4.7	.052	1.3	.44 x 2.00	11.1 x 50.8	4.00	102	50	222		100	1000
PL2M2S-L	Wrap	7.4	188	.185	4.7	.052	1.3	.87 x 1.07	22.1 x 27.2	1.75	45	50	222		50	500
PL3M2S-L	Wrap	7.4	188	.185	4.7	.052	1.3	.87 x 1.79	22.1 x 45.5	1.75	45	50	222		50	500
Weather Resistant Nylon 6.6																
Miniature Cross Section																
PLF1M-C0	Flag	4.3	109	.098	2.5	.045	1.1	.31 x .75	7.9 x 19.1	.87	22	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
PLF1MA-M0	Flag	5.1	130	.098	2.5	.045	1.1	.76 x 1.04	19.1 x 26.4	.87	22	18	80		1000	10000
PLM1M-C0	Wrap	3.9	99	.098	2.5	.035	.9	.26 x .95	6.6 x 24.1	.75	19	18	80		100	1000
PLM2M-M0	Wrap	8.0	203	.098	2.5	.035	.9	.26 x .95	6.6 x 24.1	2.00	51	18	80		1000	25000
Standard Cross Section																
PLM2S-C0	Wrap	7.4	188	.185	4.7	.052	1.3	.44 x .87	11.1 x 22.1	1.75	45	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
PLM4S-D0	Wrap	14.6	371	.185	4.7	.052	1.3	.44 x 2.00	11.1 x 50.8	4.00	102	50	222		500	5000
PL2M2S-L0	Wrap	7.4	188	.185	4.7	.052	1.3	.87 x 1.07	22.1 x 27.2	1.75	45	50	222		50	500
PL3M2S-D0	Wrap	7.4	188	.185	4.7	.052	1.3	.87 x 1.79	22.1 x 45.5	1.75	45	50	222		500	2500
Flame Retardant Nylon 6.6																
Miniature Cross Section																
PLF1M-M69	Flag	4.3	109	.098	2.5	.045	1.1	.31 x .75	7.9 x 19.1	.87	22	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
PLM1M-M69	Wrap	3.9	99	.098	2.5	.035	.9	.26 x .95	6.6 x 24.1	.75	19	18	80		1000	25000

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TY® Cable Ties

Material and Color Chart

Material	Color	*PANDUIT* Suffix
Nylon 6.6	Natural	✓
Weather Resistant (WR) Nylon 6.6	Black	0
Weather Resistant (WR) Nylon 6.6 (meets Mil Spec)	Black	00
Nylon 6.6	Brown	1
Nylon 6.6	Red	2
Nylon 6.6	Orange	3
Nylon 6.6	Yellow	4Y
Nylon 6.6	Green	5
Nylon 6.6	Blue	6
Nylon 6.6	Purple	7
Nylon 6.6	Gray	8
Nylon 6.6	White	10
Nylon 6.6	Telephone Gray	14
Nylon 6.6	Black	20

Material	Color	*PANDUIT* Suffix
Heat Stabilized Nylon 6.6	Black	30
Heat Stabilized Nylon 6.6	Natural	39
Nylon 6.6	Fluorescent Orange	53
Nylon 6.6	Fluorescent Yellow	54
Nylon 6.6	Fluorescent Green	55
Nylon 6.6	Fluorescent Pink	59
Flame Retardant Nylon 6.6	Black	60
Flame Retardant Nylon 6.6	Natural (Ivory)	69
TEFZEL■	Aqua Blue	76
Weather Resistant Polypropylene	Black	100
Natural Polypropylene	Green	109
Nylon 12	Black	120
Heat Stabilized Weather Resistant Nylon 6.6	Black	300
HALAR▲	Maroon	702Y

✓ Denotes *PANDUIT* Natural Nylon 6.6 (no suffix required).
■ TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.
▲ HALAR is the registered trademark of Solvay Solexis, Inc.

Part Number Availability List

Standard Packaging			Bulk Packaging		
Part Number	Natural Nylon 6.6	Color/Material Suffix	Part Number	Natural Nylon 6.6	Color/Material Suffix
PLC1M-S4-C	✓	0	PLC1M-S4-M	✓	0,30
PLC1.5I-S8-C	✓	0	PLC1.5I-S8-M	✓	0,30
PLC2S-S6-C	✓	0	PLC2S-S6-M	✓	0
PLC2S-S10-C	✓	0,14	PLC2S-S10-M	3	0,20,30
PLC3S-S10-C	✓	0	PLC3S-S10-M	3	0
PLC4S-S10-C	✓	0	PLC4S-S10-M	✓	0,30
PLC2H-S25-L	✓		PLC2H-S25-TL	✓	0,30
PLC4H-S25-L	✓	0	PLC4H-S25-TL	✓	0,30
PLF1M-C	✓	0	PLF1M-M	✓	0,2,3,4,6,10,69
PLF1MA-C	✓	3,4	PLF1MA-M	✓	0,2,3,4,5,6,10
PLF1MB-C	✓		PLF1MB-M	✓	
PLM1M-C	✓	0	PLM1M-M	✓	0,1,2,3,4,5,6,7,8,10,69
PLM2M-C	✓		PLM2M-M	✓	0,4,6
PLM2S-C	✓	0,4	PLM2S-D	✓	0,2,3,4,5,6,8
PLM4S-C	✓		PLM4S-D	✓	0,2,4,6

List continues on page B1.34

PAN-TY® Cable Ties (continued)

Standard Packaging			Bulk Packaging		
Part Number	Natural Nylon 6.6	Color/Material Suffix	Part Number	Natural Nylon 6.6	Color/Material Suffix
PL2M2S-L	✓	0	PL2M2S-D	✓	0,4,10
PL3M2S-L	✓		PL3M2S-D	✓	0,4
PLP1.5I-C	✓		PLP1.5I-M	✓	0,30
			PLP1S-M	✓	0,30
			PLP1.5S-M	✓	
PLP2S-C	✓		PLP2S-M	✓	0,30
PLT.6SM-C	✓	0	PLT.6SM-M	✓	0,30
PLT.7M-C	✓		PLT.7M-M	✓	0,30
PLT1M-C	✓	0,00,1,2,3,4,5,6,7,8,10,14,30, 76,702	PLT1M-M	✓	0,00,1,2,3,4,5,6,7,8,10,14,20,30,53,54,55, 59,60,69,76,100,109,300,702
			PLT1M-XMR	✓	0,1,2,3,4,5,6,7,8,10,30
PLT1.5M-C	✓	0	PLT1.5M-M	✓	0,00,1,2,3,4,5,6,7,8,10,14,20,30
			PLT1.5M-XMR	✓	0,00,30
PLT2M-C	✓	0	PLT2M-M	✓	0,1,2,3,4,5,6,7,8,10,20,30,69
PLT1.5I-C	✓	0,1,2,3,4,5,6,7,8,10,20,30	PLT1.5I-M	✓	0,00,1,2,3,4,5,6,7,8,10,20,30,69,100,109, 120,300
PLT2I-C	✓	0,14,30,76	PLT2I-M	✓	0,1,2,3,4,5,6,7,8,10,14,20,30,53,54,55,59, 69,76,300
PLT2.5I-C	✓	0	PLT2.5I-M	✓	0,20
PLT3I-C	✓	0,14	PLT3I-M	✓	0,2,3,4,5,6,8,10,14,20,30
PLT4I-C	✓	0,14	PLT4I-M	✓	0,2,5,6,14,20,30
PLT1S-C	✓	0	PLT1S-M	✓	0,30,38,300
PLT1.5S-C	✓	0	PLT1.5S-M	✓	0,30
PLT2S-C	✓	0,00,1,2,3,4,5,6,7,8,10,20,30, 76,102	PLT2S-M	✓	0,00,1,2,3,4,5,6,7,8,10,20,30,38,39,53,54, 55,59,60,69,76,100,109,120,300,702
PLT2.5S-C	✓	0	PLT2.5S-M	✓	0,30
PLT3S-C	✓	0,00,2,30,76,702	PLT3S-M	✓	0,00,1,2,3,4,5,6,7,8,10,20,30,53,54,55,59, 76,100,109,702
PLT4S-C	✓	0,00,2,3,4,5,6,8,10,20,30,76	PLT4S-M	✓	0,00,1,2,3,4,5,6,7,8,10,14,20,30,69,76, 100,109,120,300
PLT4.5S-C	✓	0	PLT4.5S-M	✓	0
PLT5S-C	✓	0	PLT5S-M	✓	0,2,3,4,5,6,8,30
PLT6LH-L	✓	0	PLT6LH-C	✓	0
PLT7LH-L	✓	0	PLT7LH-C	✓	0,30
PLT8LH-L	✓	0	PLT8LH-C	✓	0,120
PLT8LH-Q		0			
PLT9LH-L	✓	0	PLT9LH-C	✓	0,30
PLT10LH-L	✓		PLT10LH-C	✓	
PLT2H-L	✓	0	PLT2H-TL	✓	0,2,4,6,30,100,109,300
PLT2.5H-L	✓	0	PLT2.5H-TL	✓	0
PLT3H-L	✓	0,76	PLT3H-TL	✓	0,30,76,100,109
PLT4H-L	✓	0,00,76	PLT4H-TL	✓	0,00,1,2,3,4,5,6,10,20,30,69,76,100,109, 120,300
PLT4H-C	✓	0			
PLT5H-L	✓	0	PLT5H-C	✓	0,30
PLT6H-L	✓	0	PLT6H-C	✓	0,30
PLT8H-Q		0	PLT8H-C	✓	0,00,30
PLT8H-L	✓	0			
PLT13H-Q	✓	0	PLT13H-C	✓	0,3

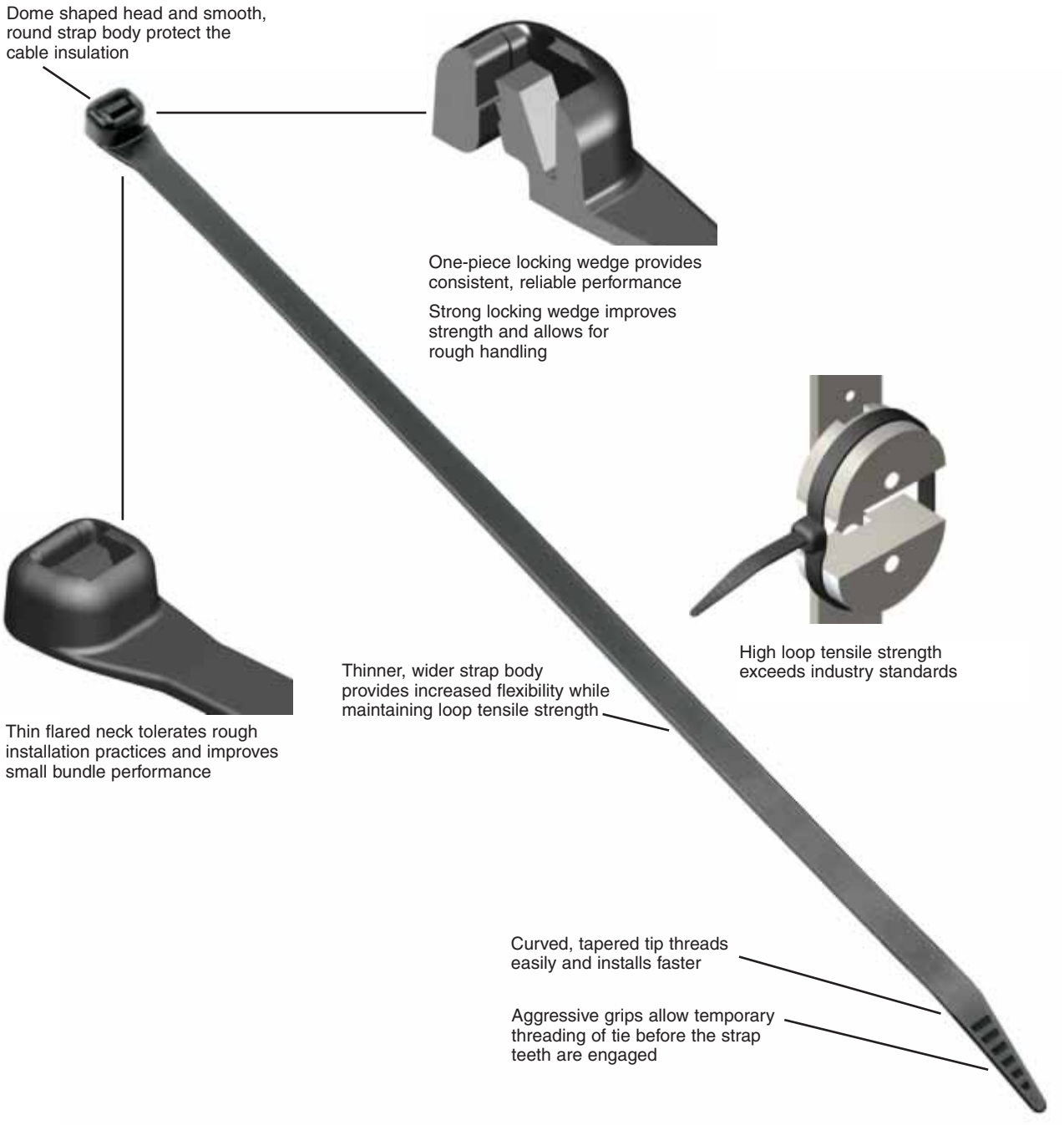
PAN-TY® Cable Ties (continued)

Standard Packaging			Bulk Packaging		
Part Number	Natural Nylon 6.6	Color/Material Suffix	Part Number	Natural Nylon 6.6	Color/Material Suffix
PLT2EH-Q		0	PLT2EH-C	✓	0
			PLT3EH-NB-C		0
PLT5EH-Q	✓	0	PLT5EH-C	✓	0
			PLT5EH-NB-C		0
PLT6EH-Q	✓	0	PLT6EH-C	✓	0
			PLT6EH-NB-C		0
PLT8EH-Q		0	PLT8EH-C	✓	0
PLT10EH-Q		0	PLT10EH-C	✓	0
PLT12EH-Q		0	PLT12EH-C	✓	0
			PLUP40S-D		30
			PLUP40SE-D	✓	30
PLWP1M-C	✓		PLWP1M-D	✓	0,30
PLWP1.5I-C	✓		PLWP1.5I-D	✓	30
PLWP1S-C	✓	0	PLWP1S-D	✓	0,20,30
			PLWP1SA-D	✓	
			PLWP1SB-D	✓	
			PLWP1.5S-D	✓	30
			PLWP1.5SA-D	✓	
PLWP2S-C	✓	0	PLWP2S-D	✓	0,30
			PLWP2SA-D	✓	
			PLWP2SB-D	✓	
			PLWP2H-TL	✓	0,30
			PLWP3H-TL	✓	0
			PLWP30SC-D		30
			PLWP40SC-D		30
			PLWP40SD-D		30
			PLWP50SC-D		30
			PLWP50SE-D		30
			PRLWP30S-D		30
			PRLWP50S-D		30
PRT1S-C	✓	0	PRT1S-M	✓	0
PRT1.5S-C	✓	0	PRT1.5S-M	✓	0,30
PRT2S-C	✓	0	PRT2S-M	✓	0,2,3,4,6,7
PRT3S-C	✓	0	PRT3S-M	✓	0
PRT4S-C	✓	0	PRT4S-M	✓	0,2,3,4,6
PRT2H-L	✓	0	PRT2H-TL	✓	0
PRT3H-L	✓	0	PRT3H-TL	✓	0
PRT4H-L	✓	0	PRT4H-TL	✓	0
PRT2EH-Q		0	PRT2EH-C	✓	0,100
PRT5EH-Q	✓	0	PRT5EH-C	✓	0,100
PRT6EH-Q	✓	0	PRT6EH-C	✓	0,100
PRT8EH-Q		0	PRT8EH-C	✓	0,100
PRT10EH-Q		0	PRT10EH-C	✓	0
PRT12EH-Q		0	PRT12EH-C	✓	0
PRWP1S-C	✓		PRWP1S-D	✓	0
			PRWP1SA-D	✓	
			PRWP1SB-D	✓	
			PRWP1.5S-D	✓	0,20,30
			PRWP2S-D	✓	0
			PRWP2H-TL	✓	

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Features and Benefits – *SUPER-GRIP*™ Cable Ties NEW!

One-piece design with a thin, wide strap body for improved flexibility.



Cable tie tools speed installation and reduce total installed cost.

See pages B1.89 – B1.93.

Cable tie accessories are used to speed and simplify the mounting of wires, cables and tubing.

See pages B2.1 – B2.24.

Selection Guide – *SUPER-GRIP*™ Cable Ties NEW!

Material, Color (Suffix)	Style / Function	Part Number Prefix	Catalog Page
Nylon 6.6, Natural (No Suffix)	Locking Ties / Bundle	SG	B1.38
Weather Resistant Nylon 6.6, Black (0)	Locking Ties / Bundle	SG	B1.38
Heat Stabilized Nylon 6.6, Black (30)	Locking Ties / Bundle	SG	B1.38

Part Number System for *SUPER-GRIP*™ Cable Ties

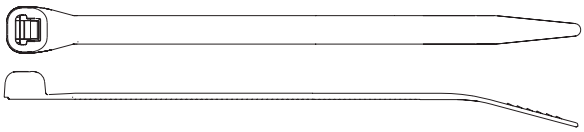
SG	200	S	—	C	
Type	**Length**	**Cross Section**		**Package Size**	**Color / Material**
SG = Locking Tie	Approx. Length (mm)	S = Standard LH = Light-Heavy		L = 50 C = 100 TL = 250 M = 1000	See Page B1.39

NEW! SUPER-GRIP™ Cable Ties

- Natural Nylon material for indoor use
- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Heat Stabilized material for high temperature applications – indoor use
- Resists lateral movement on the bundle – tie is designed to grip the bundle when tightly applied
- High strength allows the tie to withstand rough installation practices that occur in MRO and Construction environments
- Thin, wide strap body provides flexibility enabling it to conform to bundle while maintaining tensile strength
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation

SG200S-C

SG200S-C0



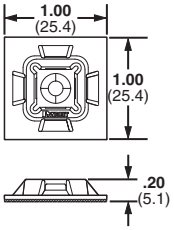
Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Nylon 6.6													
Standard Cross Section													
SG200S-C	8.3	211	.225	5.7	.046	1.2	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
SG250S-C	10.4	264	.225	5.7	.050	1.3	2.60	66	70	311		100	1000
SG300S-C	12.4	315	.225	5.7	.050	1.3	3.20	81	70	311		100	1000
Light-Heavy Cross Section													
SG350LH-L	15.3	389	.330	8.4	.064	1.6	4.13	105	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	500
Weather Resistant Nylon 6.6													
Standard Cross Section													
SG200S-C0	8.3	211	.225	5.7	.046	1.2	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
SG250S-C0	10.4	264	.225	5.7	.050	1.3	2.60	66	70	311		100	1000
SG300S-C0	12.4	315	.225	5.7	.050	1.3	3.20	81	70	311		100	1000
Light-Heavy Cross Section													
SG350LH-L0	15.3	389	.330	8.4	.064	1.6	4.13	105	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	500
Heat Stabilized Nylon 6.6													
Standard Cross Section													
SG200S-M30	8.3	211	.225	5.7	.046	1.2	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
SG300S-M30	12.4	315	.225	5.7	.050	1.3	3.20	81	70	311		1000	10000
Light-Heavy Cross Section													
SG350LH-TL30	15.3	389	.330	8.4	.064	1.6	4.13	105	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500

Order number of pieces required, in multiples of Standard Package Quantity.

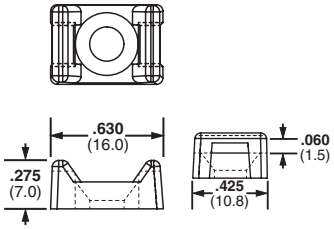
Prime items appear in **BOLD**.

SUPER-GRIP™ Cable Tie Mounts

- Low profile design keeps bundle close to mounting surface
- Small overall size allows use where space is limited



SGABM25



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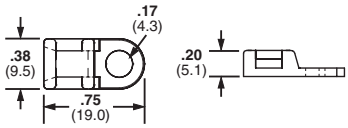


SGTA1S8

Part Number	Material	Used With Cable Ties	Length		Width		Height		Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
			In.	mm	In.	mm	In.	mm			
SGABM25-A-C	Nylon 6.6	SG200S SG250S SG300S	1.00	25.4	1.00	25.4	.20	5.1	Rubber Based Adhesive or #6 (M3) Screw	100	1000
SGABM25-AT-C0	Weather Resistant Nylon 6.6		1.00	25.4	1.00	25.4	.20	5.1	Acrylic Based Adhesive or #6 (M3) Screw	100	1000
SGABM25-S6-C	Nylon 6.6		1.00	25.4	1.00	25.4	.20	5.1	#6 (M3) Screw	100	1000
SGTM2S8-C	Nylon 6.6		.63	16.0	.43	10.8	.28	7.0	#8 (M4) Screw	100	500
SGTA1S8-C	Nylon 6.6		.38	9.5	.75	19.0	.20	5.1	#8 (M4) Screw	100	500

SUPER-GRIP™ Cable Ties & Mounts

Material and Color Chart

Material	Color	*PANDUIT* Suffix
Nylon 6.6	Natural	✓
Weather Resistant Nylon 6.6	Black	0
Heat Stabilized Nylon 6.6	Black	30

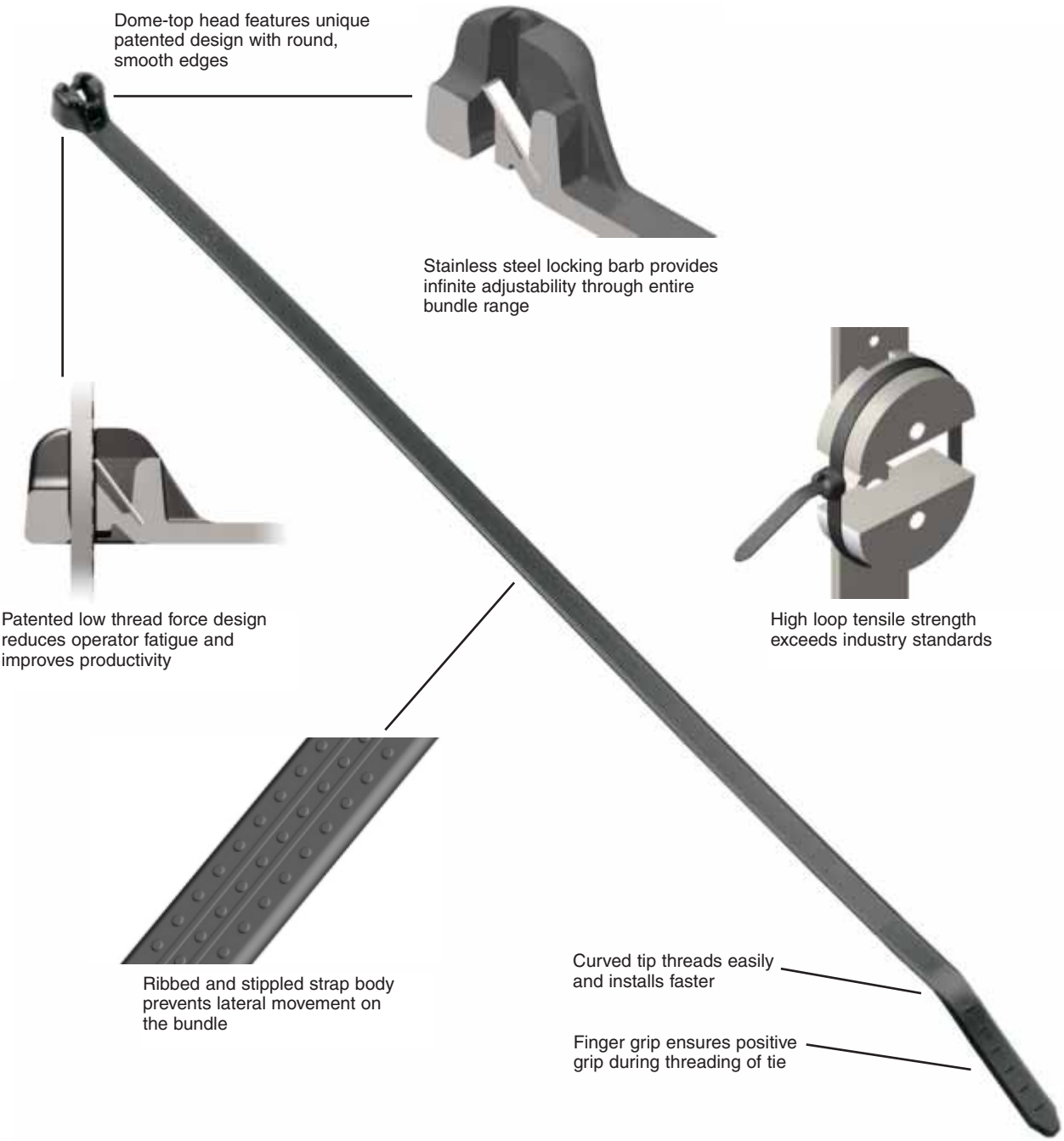
✓Denotes *PANDUIT* Natural Nylon 6.6 (no suffix).

Part Number Availability List

Standard Packaging			Bulk Packaging		
Part Number	Natural Nylon 6.6	Color/Material Suffix	Part Number	Natural Nylon 6.6	Color/Material Suffix
SG200S-C	✓	0	SG200S-M	✓	0, 30
SG250S-C	✓	0	SG250S-M	✓	0, 30
SG300S-C	✓	0			
SG350LH-L	✓	0	SG350LH-TL	✓	0, 30
SGABM25-A-C	✓				
SGABM25-AT-C		0			
SGABM25-S6-C	✓				
SGTM2S8-C	✓				
SGTA1S8-C	✓				

Features and Benefits – *DOME-TOP*® Barb Ty Cable Ties

Two-piece design incorporates a 316 stainless steel locking barb in a nylon cable tie.



Cable tie tools speed installation and reduce total installed cost.

See pages B1.89 – B1.93.

Cable tie accessories are used to speed and simplify the mounting of wires, cables and tubing.

See pages B2.1 – B2.24.

Selection Guide – *DOME-TOP*® Barb Ty & *DURA-TY*™ Cable Ties

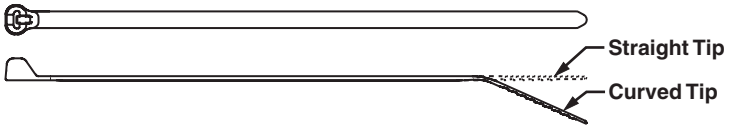
	Material, Color (Suffix)	Style / Function	Part Number Prefix	Catalog Page
DOME-TOP® Barb Ty Cable Ties	Nylon 6.6, Natural (No Suffix)	Locking Ties / Bundle	BT	B1.42
		Clamp Ties / Mount	BC	B1.45
		Push Mount Ties / Mount	BW	B1.47
		Marker Ties / Identify	BF, BM	B1.49
	Weather Resistant Nylon 6.6, Black (0)	Locking Ties / Bundle	BT	B1.43
		Clamp Ties / Mount	BC	B1.46
		Push Mount Ties / Mount	BW, BP	B1.47,48
		Marker Ties / Identify	BF, BM	B1.49
	Heat Stabilized Nylon 6.6, Black (30)	Locking Ties / Bundle	BT	B1.44
		Clamp Ties / Mount	BC	B1.46
	Heat Stabilized Nylon 6.6, Natural (39)	Locking Ties / Bundle	BT	B1.44
DURA-TY™ Cable Ties	Weather Resistant Acetal, Black	Locking Ties / Bundle	DT	B1.50

Part Number System for *DOME-TOP*® Barb Ty & *DURA-TY*™ Cable Ties

BT	2	S	—	C	
Type	Size	Cross Section	Screw Hole Size	Package Size	Color / Material
BT = Locking Tie BC = Clamp Tie BF = Flag Tie BM = Marker Tie BP = Push Mount Tie BW = Wing Push Mount Tie DT = Locking Tie	Approx. Maximum Bundle Dia. (In.)	M = Miniature I = Intermediate S = Standard LH = Light-Heavy EH = Extra-Heavy	(Clamp Ties Only) -S4 = #4 (M2.5) -S6 = #6 (M3) -S8 = #8 (M4) -S10 = #10 (M5) -S25 = 1/4 (M6)	Q = 25 L = 50 C = 100 TL = 250 D = 500 M = 1000 LR = 50' Reel	See Page B1.51

DOME-TOP® Barb Ty Cable Ties – Nylon 6.6

- For indoor use
- Dome-top head features unique patented design with round, smooth edges
- Stainless steel locking barb provides consistent performance, reliability and infinite adjustability through entire bundle range
- High strength and low thread force
- A variety of materials and colors are available for specific applications
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



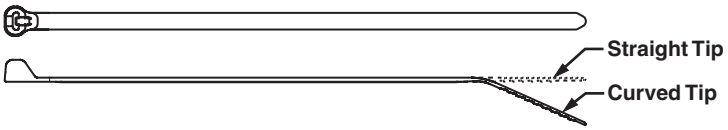
Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Miniature Cross Section													
BT1M-C	4.0	102	.095	2.4	.036	.9	.90	23	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
BT1.5M-C	6.3	160	.095	2.4	.046	1.2	1.50	38	18	80		100	1000
BT2M-C	7.9	201	.095	2.4	.046	1.2	2.00	51	18	80		100	1000
BT4M-C	14.2	361	.095	2.4	.046	1.2	4.00	102	18	80		100	1000
Intermediate Cross Section													
BT1.5I-C	6.1	155	.141	3.6	.041	1.0	1.50	38	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
BT2I-C	8.0	203	.141	3.6	.041	1.0	2.00	51	40	178		100	1000
BT3I-C	11.3	287	.141	3.6	.049	1.2	3.00	76	40	178		100	1000
BT4I-C	14.3	363	.141	3.6	.049	1.2	4.00	102	40	178		100	1000
Standard Cross Section													
BT2S-C	8.0	203	.185	4.7	.045	1.1	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
BT3S-C	12.0	305	.185	4.7	.052	1.3	3.00	76	50	222		100	1000
BT4S-C	15.1	384	.185	4.7	.052	1.3	4.00	102	50	222		100	1000
Light-Heavy Cross Section (Straight Tip)													
BT2LH-L	8.7	221	.275	7.0	.065	1.7	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	500
BT3LH-L	11.8	300	.275	7.0	.065	1.7	3.00	76	120	534		50	500
BT4LH-L	14.9	378	.275	7.0	.065	1.7	4.00	102	120	534		50	500
BT5LH-L	18.1	460	.275	7.0	.065	1.7	5.00	127	120	534		50	500
BT6LH-L	21.2	538	.275	7.0	.065	1.7	6.00	152	120	534		50	500
BT7LH-L	24.4	620	.275	7.0	.065	1.7	7.00	178	120	534		50	500
BT8LH-L	27.5	699	.275	7.0	.065	1.7	8.00	203	120	534		50	500
BT9LH-L	30.7	780	.275	7.0	.065	1.7	9.00	229	120	534		50	500

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

DOME-TOP® Barb Ty Cable Ties – Weather Resistant Nylon 6.6

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Dome-top head features unique patented design with round, smooth edges
- Stainless steel locking barb provides consistent performance, reliability and infinite adjustability through entire bundle range
- High strength and low thread force
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Miniature Cross Section													
BT1M-C0	4.0	102	.095	2.4	.036	.9	.90	23	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
BT1.5M-C0	6.3	160	.095	2.4	.046	1.2	1.50	38	18	80		100	1000
BT2M-C0	7.9	201	.095	2.4	.046	1.2	2.00	51	18	80		100	1000
BT4M-C0	14.2	361	.095	2.4	.046	1.2	4.00	102	18	80		100	1000
Intermediate Cross Section													
BT1.5I-C0	6.1	155	.141	3.6	.041	1.0	1.50	38	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
BT2I-C0	8.0	203	.141	3.6	.041	1.0	2.00	51	40	178		100	1000
BT3I-C0	11.3	287	.141	3.6	.049	1.2	3.00	76	40	178		100	1000
BT4I-C0	14.3	363	.141	3.6	.049	1.2	4.00	102	40	178		100	1000
Standard Cross Section													
BT2S-C0	8.0	203	.185	4.7	.045	1.1	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
BT3S-C0	12.0	305	.185	4.7	.052	1.3	3.00	76	50	222		100	1000
BT4S-C0	15.1	384	.185	4.7	.052	1.3	4.00	102	50	222		100	1000
Light-Heavy Cross Section (Straight Tip)													
BT2LH-L0	8.7	221	.275	7.0	.065	1.7	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	500
BT3LH-L0	11.8	300	.275	7.0	.065	1.7	3.00	76	120	534		50	500
BT4LH-L0	14.9	378	.275	7.0	.065	1.7	4.00	102	120	534		50	500
BT5LH-L0	18.1	460	.275	7.0	.065	1.7	5.00	127	120	534		50	500
BT6LH-L0	21.2	538	.275	7.0	.065	1.7	6.00	152	120	534		50	500
BT7LH-L0	24.4	620	.275	7.0	.065	1.7	7.00	178	120	534		50	500
BT8LH-L0	27.5	699	.275	7.0	.065	1.7	8.00	203	120	534		50	500
BT9LH-L0	30.7	780	.275	7.0	.065	1.7	9.00	229	120	534		50	500

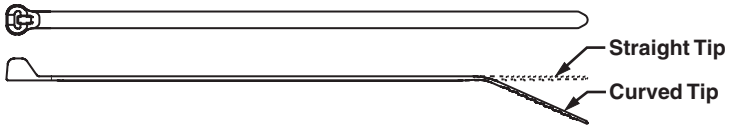
Note: UL Listed for use in plenum or air handling spaces per NEC except LH cross section; UL Recognized and CSA Certified except LH cross section.

DOME-TOP® Barb Ty Cable Ties – Heat Stabilized Nylon 6.6

- For high temperature applications – indoor use
- Dome-top head features unique patented design with round, smooth edges
- Stainless steel locking barb provides consistent performance, reliability and infinite adjustability through entire bundle range
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation

BT2S-M39

BT2S-M30



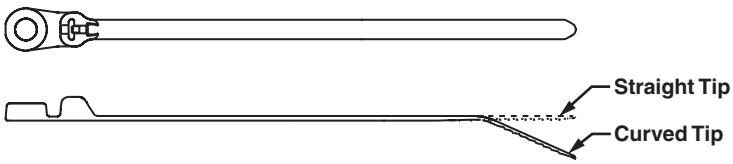
Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Heat Stabilized Nylon 6.6 – Black													
Miniature Cross Section													
BT1M-C30	4.0	102	.095	2.4	.036	.9	.90	23	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
BT1.5M-M30	6.3	160	.095	2.4	.046	1.2	1.50	38	18	80		1000	50000
BT2M-M30	7.9	201	.095	2.4	.046	1.2	2.00	51	18	80		1000	25000
Intermediate Cross Section													
BT1.5I-M30	6.1	155	.141	3.6	.041	1.0	1.50	38	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
BT2I-M30	8.0	203	.141	3.6	.041	1.0	2.00	51	40	178		1000	25000
BT3I-M30	11.3	287	.141	3.6	.049	1.2	3.00	76	40	178		1000	10000
Standard Cross Section													
BT2S-M30	8.0	203	.185	4.7	.045	1.1	2.00	51	50	222	GTS, GTSL, GS2B, GTS, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
BT3S-M30	12.0	305	.185	4.7	.052	1.3	3.00	76	50	222		1000	10000
BT4S-M30	15.1	384	.185	4.7	.052	1.3	4.00	102	50	222		1000	5000
Light-Heavy Cross Section (Straight Tip)													
BT4LH-TL30	14.9	378	.275	7.0	.065	1.7	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
Heat Stabilized Nylon 6.6 – Natural													
Miniature Cross Section													
BT1M-M39	4.0	102	.095	2.4	.036	.9	.90	23	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
Intermediate Cross Section													
BT1.5I-M39	6.1	155	.141	3.6	.041	1.0	1.50	38	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
Standard Cross Section													
BT2S-M39	8.0	203	.185	4.7	.045	1.1	2.00	51	50	222	GTS, GTSL, GS2B, GTS, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
BT3S-M39	12.0	305	.185	4.7	.052	1.3	3.00	76	50	222		1000	10000
BT4S-M39	15.1	384	.185	4.7	.052	1.3	4.00	102	50	222		1000	5000
Light-Heavy Cross Section (Straight Tip)													
BT4LH-TL39	14.9	378	.275	7.0	.065	1.7	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

DOME-TOP® Barb Ty Clamp Ties – Nylon 6.6

- For indoor use
- Used to secure a cable bundle to another surface such as a control panel, communication rack, wall or ceiling
- Design allows for bundling before or after screwing clamp in place
- Stainless steel locking barb provides consistent performance, reliability and infinite adjustability through entire bundle range
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation

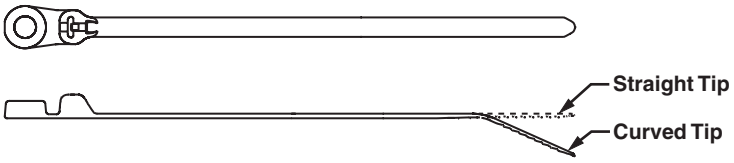


PLENUM RATED

Part Number	Length		Width		Thickness		Nominal Hole Dia.		Screw Size	Metric Screw Size	Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm			In.	mm	Lbs.	N			
Miniature Cross Section																	
BC1M-S4-M	4.6	117	.095	2.4	.046	1.2	.122	3.1	#4	M2.5	.90	23	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
BC2M-S4-M	8.3	211	.095	2.4	.046	1.2	.122	3.1	#4	M2.5	2.00	51	18	80		1000	25000
Intermediate Cross Section																	
BC1.5I-S8-M	6.6	168	.141	3.6	.041	1.0	.174	4.4	#8	M4	1.50	38	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
Standard Cross Section																	
BC2S-S10-C	8.5	216	.185	4.7	.052	1.3	.200	5.1	#10	M5	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
BC3S-S10-D	12.5	318	.185	4.7	.052	1.3	.200	5.1	#10	M5	3.00	76	50	222		500	5000
BC4S-S10-C	15.6	396	.185	4.7	.052	1.3	.200	5.1	#10	M5	4.00	102	50	222		100	1000
Light-Heavy Cross Section (Straight Tip)																	
BC4LH-S25-L	15.5	394	.275	7.0	.065	1.7	.260	6.6	1/4	M6	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	500

DOME-TOP® Barb Ty Clamp Ties – Weather Resistant & Heat Stabilized Nylon 6.6

- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Heat Stabilized material for high temperature applications – indoor use
- Used to secure a cable bundle to another surface such as a control panel, communication rack, wall or ceiling
- Design allows for bundling before or after screwing clamp in place
- Stainless steel locking barb provides consistent performance, reliability and infinite adjustability through entire bundle range
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Nominal Hole Dia. In.	Nominal Hole Dia. mm	Screw Size	Metric Screw Size	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Weather Resistant Nylon 6.6																	
Miniature Cross Section																	
BC1M-S4-M0	4.6	117	.095	2.4	.046	1.2	.122	3.1	#4	M2.5	.90	23	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
BC2M-S4-M0	8.3	211	.095	2.4	.046	1.2	.122	3.1	#4	M2.5	2.00	51	18	80		1000	25000
Intermediate Cross Section																	
BC1.5I-S8-M0	6.6	168	.141	3.6	.041	1.0	.174	4.4	#8	M4	1.50	38	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
Standard Cross Section																	
BC2S-S10-C0	8.5	216	.185	4.7	.052	1.3	.200	5.1	#10	M5	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
BC3S-S10-D0	12.5	318	.185	4.7	.052	1.3	.200	5.1	#10	M5	3.00	76	50	222		500	5000
BC4S-S10-C0	15.6	396	.185	4.7	.052	1.3	.200	5.1	#10	M5	4.00	102	50	222		100	1000
Light-Heavy Cross Section (Straight Tip)																	
BC4LH-S25-L0	15.5	394	.275	7.0	.065	1.7	.260	6.6	1/4	M6	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	500
Heat Stabilized Nylon 6.6																	
Standard Cross Section																	
BC4S-S10-D30	15.6	396	.185	4.7	.052	1.3	.200	5.1	#10	M5	4.00	102	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STH2, STS2	500	5000

Note: UL Recognized and CSA Certified except BC4LH-S25-L0.

Order number of pieces required, in multiples of Standard Package Quantity.

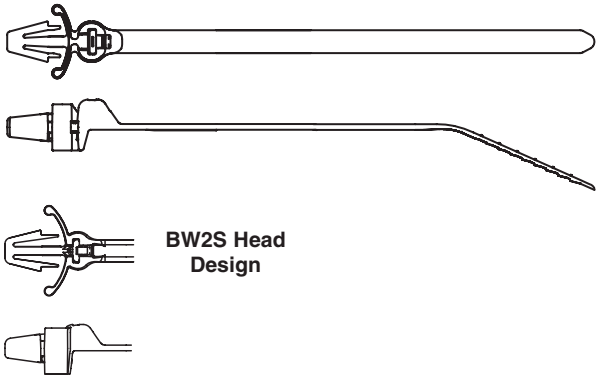
Prime items appear in **BOLD**.

DOME-TOP® Barb Ty Wing Push Mount Ties – Nylon & Weather Resistant Nylon 6.6

- Natural Nylon material for indoor use
- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Combines cable tie, mount and fastener into a single part
- Used to attach bundles to another surface such as a flat panel
- Anchor is easily pressed into a pre-formed hole and locks in place
- Wings provide constant tension for a stable, secure and rattle-free installation
- Stainless steel locking barb provides consistent performance, reliability and infinite adjustability through entire bundle range
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation

BW2S-D

BW2S-D0



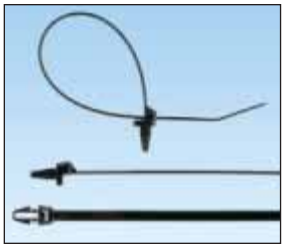
BW2S Head Design

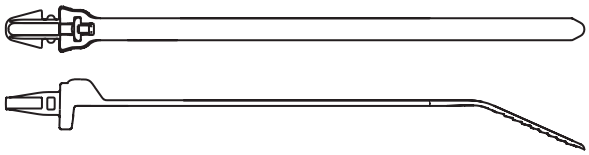
Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Nominal Hole Dia. In.	Nominal Hole Dia. mm	Max. Panel Thickness In.	Max. Panel Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Nylon 6.6																	
Intermediate Cross Section																	
BW1.5I-D	6.6	168	.141	3.6	.041	1.0	.187	4.7	.093	2.4	1.50	38	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	500	5000
Standard Cross Section																	
BW2S-D	8.5	216	.185	4.7	.052	1.3	.250	6.4	.156	4.0	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	500	5000
BW3S-D	12.5	318	.185	4.7	.052	1.3	.250	6.4	.156	4.0	3.00	76	50	222		500	5000
Weather Resistant Nylon 6.6																	
Standard Cross Section																	
BW2S-D0	8.5	216	.185	4.7	.052	1.3	.250	6.4	.156	4.0	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	500	5000
BW3S-D0	12.5	318	.185	4.7	.052	1.3	.250	6.4	.156	4.0	3.00	76	50	222		500	5000

NEW!

DOME-TOP® Barb Ty Push Mount Ties – Weather Resistant Nylon 6.6

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Used to attach bundles to another surface such as a flat panel
- Combines cable tie, mount and fastener into a single part
- Anchor is easily pressed into a pre-formed hole and locks in place
- *Wingless* design allows tie to be used in confined spaces
- Stainless steel locking barb provides consistent performance, reliability and infinite adjustability through entire bundle range
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation





Part Number	Length		Width		Thickness		Nominal Hole Dia.		Max. Panel Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Standard Cross Section																	
BP2S-D0	8.5	216	.185	4.7	.052	1.3	.255	6.5	.150	3.8	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	500	5000

Permanent Marking Pens

- Fast drying, permanent ink for identification on marker ties (see pages B1.32, B1.49 and B1.74), marker plates (see page B2.23) or Cable Marker Straps (see page B1.83)
- May be used with any label shown in the catalog when a printer is not available

PX-0
PX-2

PFX-0
PFX-2

PX-10

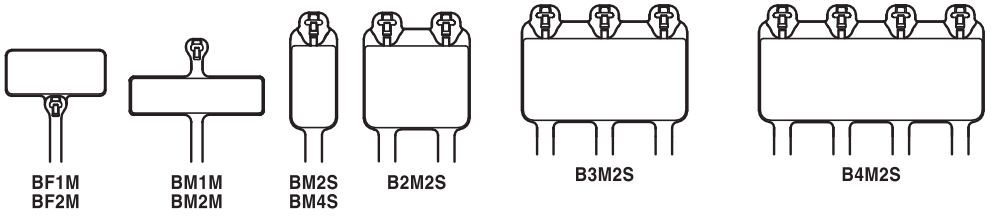
Part Number	Color	Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PX-0	Black	Permanent marking pen – Regular Tip.	12	144
PX-2	Red	Permanent marking pen – Regular Tip.	12	144
PFX-0	Black	Permanent marking pen – Fine Tip.	12	144
PFX-2	Red	Permanent marking pen – Fine Tip.	12	144
PX-10	White	Marking pen for black or other dark-colored parts – Regular Tip.	12	300

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

DOME-TOP® Barb Ty Marker & Flag Ties

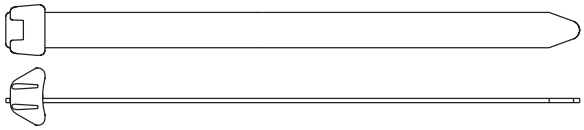
- Natural Nylon material for indoor use
- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Used to fasten and identify bundles at the same time
- Stainless steel locking barb provides consistent performance, reliability and infinite adjustability through entire bundle range
- Can be marked with *PANDUIT* Marker Pens on page B1.48 or Computer Printable Labels
- Custom imprinting with text, symbols or trademarks available using *PANDUIT* Custom Hot Stamping Service, see page B1.103
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Marker Type	Length		Width		Thickness		Marker Write-On Area		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Nylon 6.6																
Miniature Cross Section																
BF1M-C	Flag	4.6	117	.095	2.4	.046	1.2	.36 x .81	9.1 x 20.6	.90	23	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
BF2M-C	Flag	8.3	211	.095	2.4	.046	1.2	.36 x .81	9.1 x 20.6	2.00	51	18	80		100	1000
BM1M-C	Wrap	4.2	107	.095	2.4	.046	1.2	.29 x 1.09	7.4 x 27.7	.90	23	18	80		100	1000
BM2M-C	Wrap	7.9	201	.095	2.4	.046	1.2	.29 x 1.09	7.4 x 27.7	2.00	51	18	80		100	1000
Standard Cross Section																
BM2S-C	Wrap	8.0	203	.185	4.7	.045	1.2	.49 x .91	12.4 x 23.1	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
BM4S-C	Wrap	15.1	384	.185	4.7	.052	1.3	.50 x 2.13	12.7 x 54.1	4.00	102	50	222		100	1000
B2M2S-D	Wrap	8.0	203	.185	4.7	.045	1.2	1.15 x .91	29.2 x 23.1	2.00	51	50	222		500	2500
B3M2S-TL	Wrap	8.0	203	.185	4.7	.045	1.2	1.81 x .91	46.0 x 23.1	2.00	51	50	222		250	2500
B4M2S-TL	Wrap	8.0	203	.185	4.7	.045	1.2	2.47 x .91	62.7 x 23.1	2.00	51	50	222		250	2500
Weather Resistant Nylon 6.6																
Miniature Cross Section																
BF1M-M0	Flag	4.6	117	.095	2.4	.046	1.2	.36 x .81	9.1 x 20.6	.90	23	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
BF2M-M0	Flag	8.3	211	.095	2.4	.046	1.2	.36 x .81	9.1 x 20.6	2.00	51	18	80		1000	25000
BM1M-M0	Wrap	4.2	107	.095	2.4	.046	1.2	.29 x 1.09	7.4 x 27.7	.90	23	18	80		1000	25000
BM2M-M0	Wrap	7.9	201	.095	2.4	.046	1.2	.29 x 1.09	7.4 x 27.7	2.00	51	18	80		1000	25000
Standard Cross Section																
BM2S-D0	Wrap	8.0	203	.185	4.7	.045	1.2	.49 x .91	12.4 x 23.1	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	500	10000
BM4S-D0	Wrap	15.1	384	.185	4.7	.052	1.3	.50 x 2.13	12.7 x 54.1	4.00	102	50	222		500	5000
B2M2S-D0	Wrap	8.0	203	.185	4.7	.045	1.2	1.15 x .91	29.2 x 23.1	2.00	51	50	222		500	2500
B3M2S-TL0	Wrap	8.0	203	.185	4.7	.045	1.2	1.81 x .91	46.0 x 23.1	2.00	51	50	222		250	2500
B4M2S-TL0	Wrap	8.0	203	.185	4.7	.045	1.2	2.47 x .91	62.7 x 23.1	2.00	51	50	222		250	2500

Dura-Ty™ Cable Ties – Weather Resistant Acetal

- Excellent solution for outdoor applications requiring strength and durability
- Ideal for securing cables in outdoor messenger strand applications and vertical ladder racks
- Excellent ultraviolet light, chemical and moisture resistance
- Double stainless steel locking barbs
- High tensile strength and high impact resistance
- Meets Telcordia TR-TSY-000789
- May be used with Stackable Cable Spacer (SACS50-T100) shown below

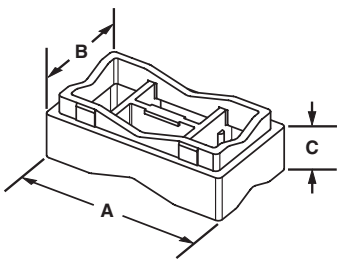


Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Extra-Heavy Cross Section													
DT4EH-L0	13.5	343	.500	12.7	.059	1.5	3.88	98	250	1112	GTH, GS4EH, ST2EH	50	1000
DT8EH-Q0	27.0	686	.500	12.7	.059	1.5	8.00	203	250	1112		25	500

Part Number	Description	Length ft	Length M	Width In.	Width mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty	Std. Ctn. Qty.
Strapping, Heads and Kit – allows user to customize strap length										
DTREH-LR0	50' reel of strapping	50.0	15	.500	12.7	250	1112	GTH, GS4EH, ST2EH	1	20
DTHEH-Q0	Bag of 25 cable tie heads	—	—	—	—	—	—	—	25	500
DTKEH-0	Kit containing 50' reel of strapping and 25 cable tie heads	50.0	15	.500	12.7	250	1112	GTH, GS4EH, ST2EH	1	20

Stackable Aerial Cable Spacer – Weather Resistant Polypropylene

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Each spacer snaps into another to increase spacer heights by 1/2" increments
- Designed for use in parallel or perpendicular applications
- For use with *Dura-Ty*™ Cable Ties shown above or *Pan-Steel*® Metal Locking Ties, see pages B3.3, B3.4, B3.5



Part Number	Length A In.	Length A mm	Width B In.	Width B mm	Height C In.	Height C mm	Used With Cable Ties	Std. Pkg. Qty.	Std. Ctn. Qty.
SACS50-T100	2.08	52.8	1.16	29.5	.71	18.0	LH, H, EH	200	2000

Cable Tie Cross Sections: LH = Light-Heavy, H = Heavy, EH = Extra-Heavy.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

DOME-TOP® Barb Ty and *DURA-TY*™ Cable Ties

Material and Color Chart

Material	Color	*PANDUIT* Suffix
Nylon 6.6	Natural	✓
Weather Resistant (WR) Nylon 6.6	Black	0
Nylon 6.6	Brown	1
Nylon 6.6	Red	2
Nylon 6.6	Orange	3
Nylon 6.6	Yellow	4Y
Nylon 6.6	Green	5
Nylon 6.6	Blue	6

Material	Color	*PANDUIT* Suffix
Nylon 6.6	Purple	7
Nylon 6.6	Gray	8
Nylon 6.6	White	10
Nylon 6.6	Telephone Gray	14
Nylon 6.6	Black	20
Heat Stabilized Nylon 6.6	Black	30
Heat Stabilized Nylon 6.6	Natural	39
Weather Resistant Acetal	Black	‡

✓Denotes *PANDUIT* Natural Nylon 6.6 (no suffix required).
‡Denotes *DURA-TY*™ Weather Resistant Acetal material (no suffix required).

Part Number Availability List

Standard Packaging			Bulk Packaging		
Part Number	Natural Nylon 6.6	Color/Material Suffix	Part Number	Natural Nylon 6.6	Color/Material Suffix
			BC1M-S4-M	✓	0
			BC2M-S4-M	✓	0
			BC1.5I-S8-M	✓	0
BC2S-S10-C	✓	0	BC2S-S10-D	✓	0
			BC3S-S10-D	✓	0
BC4S-S10-C	✓	0	BC4S-S10-D	✓	0,30
BC4LH-S25-L	✓	0	BC4LH-S25-TL	✓	0
BF1M-C	✓		BF1M-M	✓	0
BF2M-C	✓		BF2M-M	✓	0
BM1M-C	✓		BM1M-M	✓	0
BM2M-C	✓		BM2M-M	✓	0
BM2S-C	✓		BM2S-D	✓	0
BM4S-C	✓		BM4S-D		0
			BP2S-D		0
BT1M-C	✓	0,30	BT1M-M	✓	0,1,2,3,4Y,5,6,7,8,10,30,39
BT1.5M-C	✓	0	BT1.5M-M	✓	0,30
BT2M-C	✓	0	BT2M-M	✓	0,2,3,4Y,5,6,8,30
BT4M-C	✓	0	BT4M-M	✓	0
BT1.5I-C	✓	0	BT1.5I-M	✓	0,1,2,3,4Y,5,6,7,8,10,30,39

List continues on page B1.52

DOME-TOP® Barb Ty Cable Ties (continued)

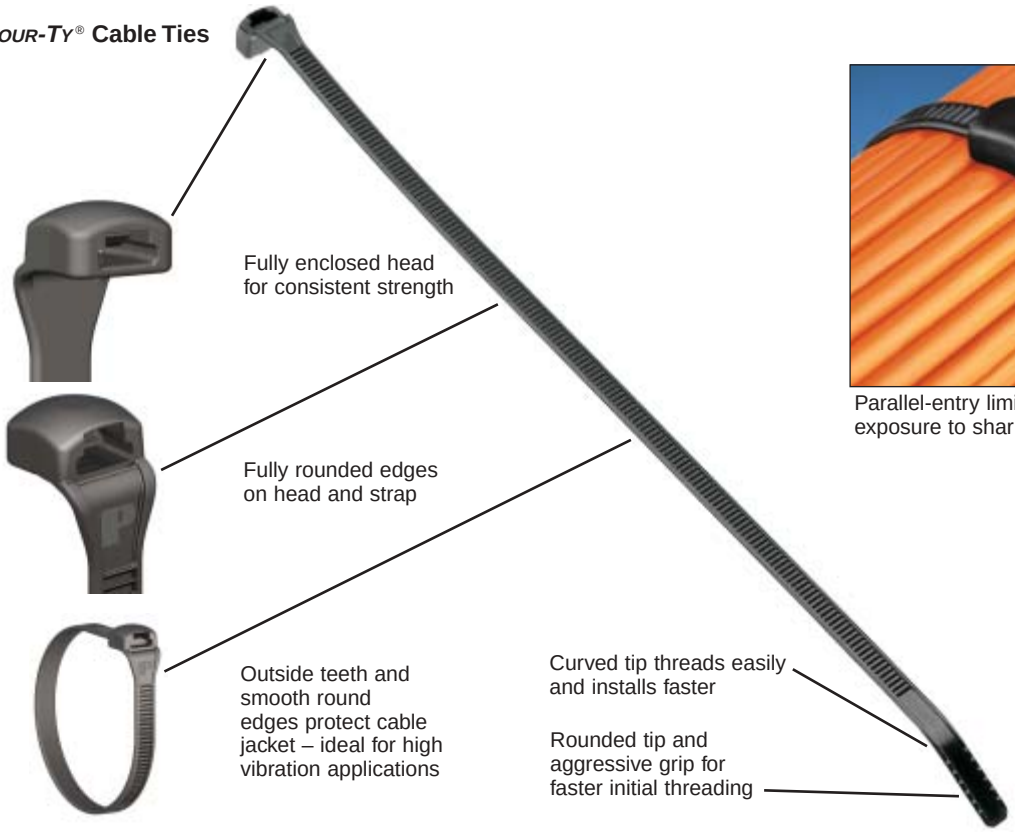
Standard Packaging			Bulk Packaging		
Part Number	Natural Nylon 6.6	Color/Material Suffix	Part Number	Natural Nylon 6.6	Color/Material Suffix
BT2I-C	✓	0	BT2I-M	✓	0,30
BT3I-C	✓	0	BT3I-M	✓	0,14,30
BT4I-C	✓	0	BT4I-M	✓	0,14
BT2S-C	✓	0	BT2S-M	✓	0,1,2,3,4Y,5,6,7,8,10,20,30,39
BT3S-C	✓	0,2	BT3S-M	✓	0,30,39
BT4S-C	✓	0	BT4S-M	✓	0,2,3,4Y,5,6,7,8,10,30,39
BT2LH-L	✓	0	BT2LH-TL	✓	0
BT3LH-L	✓	0	BT3LH-TL	✓	0
BT4LH-L	✓	0	BT4LH-TL	✓	0,30,39
BT5LH-L	✓	0	BT5LH-C	✓	0
BT6LH-L	✓	0	BT6LH-C	✓	0
BT7LH-L	✓	0	BT7LH-C	✓	0
BT8LH-L	✓	0	BT8LH-C	✓	0
BT9LH-L	✓	0	BT9LH-C	✓	0
			BW1.5I-D	✓	
			BW2S-D	✓	0
			B2M2S-D	✓	0
			B3M2S-TL	✓	0
			B4M2S-TL	✓	0
DURA-TY™ **Weather Resistant Acetal Strap Body and Head**					
DTHEH-Q0		‡			
DTKEH-0		‡			
DTREH-LR0		‡			
DT4EH-L0		‡			
DT8EH-Q0		‡			

‡Denotes *DURA-TY*™ Weather Resistant Acetal material (no suffix required).

Features and Benefits – Parallel-Entry Cable Ties

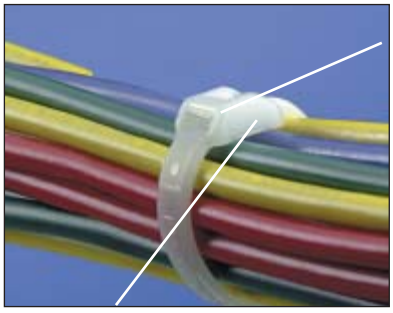
Parallel-entry cable ties limit exposure to sharp edges and protect workers' arms/hands. The ties are designed with a low profile head to avoid snags and reduce overall bundle size.

CONTOUR-TY® Cable Ties



Parallel-entry limits exposure to sharp edges

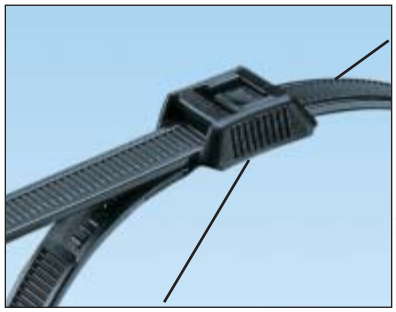
BELT-TY™ In-Line Cable Ties



Parallel-entry limits exposure to sharp edges and protects workers' arms / hands

"Finger Grip" shaped head assures positive grip while threading tie

IN-LINE Cable Ties

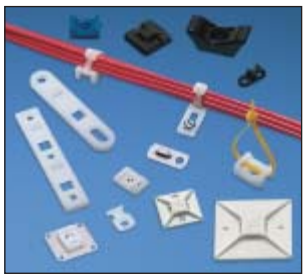


Outside teeth protect cable jacket and wire insulation

"Finger Grip" shaped head with serrations assures positive grip while threading tie

Cable tie tools speed installation and reduce total installed cost.

See pages B1.89 – B1.93.



Cable tie accessories are used to speed and simplify the mounting of wires, cables and tubing.

See pages B2.1 – B2.24.

Selection Guide – Parallel-Entry Cable Ties

	Material, Color (Suffix)	Style / Function	Part Number Prefix	Catalog Page
CONTOUR-TY® Cable Ties	Nylon 6.6, Natural (No Suffix)	Locking Ties / Bundle	CBR	B1.55
	Weather Resistant Nylon 6.6, Black (0)	Locking Ties / Bundle	CBR	B1.56
	Heat Stabilized Nylon 6.6, Natural (39)	Locking Ties / Bundle	CBR	B1.57
	Flame Retardant Nylon 6.6, Ivory (69)	Locking Ties / Bundle	CBR	B1.57
BELT-TY™ In-Line Cable Ties	Nylon 6.6, Natural (No Suffix)	Locking Ties / Bundle	ILT	B1.58
	Weather Resistant Nylon 6.6, Black (0)	Locking Ties / Bundle	ILT	B1.59
IN-LINE Cable Ties	Weather Resistant Nylon 6.6, Black (0)	Locking Ties / Bundle	IT	B1.60

Part Number System for *CONTOUR-TY*® and *BELT-TY*™ Cable Ties

CBR — **2** — **S** — **M**

Type
CBR = Locking Tie
LT = Locking Tie

Size
Approx. Maximum Bundle Dia. (In.)

Cross Section
M = Miniature
I = Intermediate
S = Standard
HS = Heavy-Standard
LH = Light-Heavy

Package Size
C = 100
TL = 250
D = 500
M = 1000

Color / Material
See page B1.61

Part Number System for IN-LINE Cable Ties

IT — **9** — **100** — **C**

Type
IT = Locking Tie

Width
Approx. Width (mm)

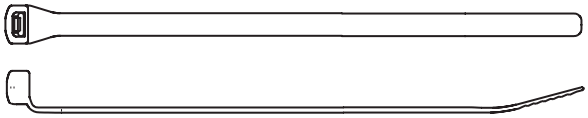
Size
Approx. Maximum Bundle Dia. (mm)

Package Size
C = 100

Color / Material
See page B1.61

CONTOUR-TY® Cable Ties – Nylon 6.6

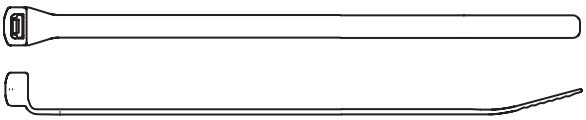
- For indoor use
- Unique design prevents wire and cable damage
- Low profile head avoids snags and reduces overall bundle size
- Outside teeth and smooth round edges protect cable jacket – ideal for high vibration applications
- Parallel-entry limits exposure to sharp edges and protects workers' arms/hands
- Fully enclosed head for consistent strength
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Miniature Cross Section													
CBR1M-M	4.1	104	.098	2.5	.038	1.0	1.00	25	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
CBR1.5M-M	5.6	142	.098	2.5	.042	1.1	1.50	38	18	80		1000	50000
CBR2M-M	7.2	183	.098	2.5	.042	1.1	2.00	51	18	80		1000	25000
Intermediate Cross Section													
CBR1.5I-M	5.9	150	.140	3.6	.040	1.0	1.50	38	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
CBR3I-M	10.4	264	.140	3.6	.052	1.3	3.00	76	40	178		1000	10000
CBR4I-M	13.6	345	.140	3.6	.052	1.3	4.00	102	40	178		1000	10000
Standard Cross Section													
CBR2S-M	7.6	193	.190	4.8	.044	1.1	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
CBR3S-M	10.8	274	.190	4.8	.052	1.3	3.00	76	50	222		1000	5000
CBR4S-M	14.0	356	.190	4.8	.052	1.3	4.00	102	50	222		1000	5000
Heavy-Standard Cross Section													
CBR2HS-D	8.0	203	.250	6.4	.058	1.4	2.00	51	85	378	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	500	5000
Light-Heavy Cross Section													
CBR4LH-TL	14.6	371	.300	7.6	.070	1.8	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
CBR6LH-C	20.9	531	.300	7.6	.070	1.8	6.00	152	120	534		100	2000

CONTOUR-TY® Cable Ties – Weather Resistant Nylon 6.6

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Unique design prevents wire and cable damage
- Low profile head avoids snags and reduces overall bundle size
- Outside teeth and smooth round edges protect cable jacket – ideal for high vibration applications
- Parallel-entry limits exposure to sharp edges and protects workers' arms/hands
- Fully enclosed head for consistent strength
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Miniature Cross Section													
CBR1M-M0	4.1	104	.098	2.5	.038	1.0	1.00	25	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
CBR1.5M-M0	5.6	142	.098	2.5	.042	1.1	1.50	38	18	80		1000	50000
CBR2M-M0	7.2	183	.098	2.5	.042	1.1	2.00	51	18	80		1000	25000
Intermediate Cross Section													
CBR1.5I-M0	5.9	150	.140	3.6	.040	1.0	1.50	38	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
CBR3I-M0	10.4	264	.140	3.6	.052	1.3	3.00	76	40	178		1000	10000
CBR4I-M0	13.6	345	.140	3.6	.052	1.3	4.00	102	40	178		1000	10000
Standard Cross Section													
CBR2S-M0	7.6	193	.190	4.8	.044	1.1	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
CBR3S-M0	10.8	274	.190	4.8	.052	1.3	3.00	76	50	222		1000	5000
CBR4S-M0	14.0	356	.190	4.8	.052	1.3	4.00	102	50	222		1000	5000
Heavy-Standard Cross Section													
CBR2HS-D0	8.0	203	.250	6.4	.058	1.4	2.00	51	85	378	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	500	5000
Light-Heavy Cross Section													
CBR4LH-TL0	14.6	371	.300	7.6	.070	1.8	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
CBR6LH-C0	20.9	531	.300	7.6	.070	1.8	6.00	152	120	534		100	2000

Order number of pieces required, in multiples of Standard Package Quantity.

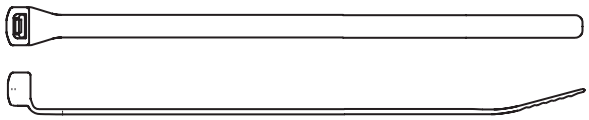
Prime items appear in **BOLD**.

CONTOUR-TY® Cable Ties – Heat Stabilized & Flame Retardant Nylon 6.6

- Heat Stabilized material for high temperature applications – indoor use
- Flame Retardant material has a flammability rating of UL94V-0 – indoor use
- Unique design prevents wire and cable damage
- Low profile head avoids snags and reduces overall bundle size
- Outside teeth and smooth round edges protect cable jacket – ideal for high vibration applications
- Parallel-entry limits exposure to sharp edges and protects workers' arms/hands
- Fully enclosed head for consistent strength
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation

CBR2S-M39

CBR3S-M69



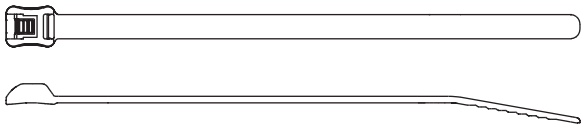
Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm.	In.	mm	In.	mm	In.	mm	Lbs.	N			
Heat Stabilized Nylon 6.6													
Standard Cross Section													
CBR2S-M39	7.6	193	.190	4.8	.044	1.1	2.00	51	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
Flame Retardant Nylon 6.6													
Standard Cross Section													
CBR3S-M69	10.8	274	.190	4.8	.052	1.3	3.00	76	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	5000

Note: UL Recognized and UL Listed except CBR3S-M69.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

BELT-TY™ In-Line Cable Ties – Nylon 6.6

- For indoor use
- Parallel-entry cable tie that threads like a belt (180° entry)
- Low profile head avoids snags and reduces overall bundle size
- 35% lower head height than conventional 90° ties
- Parallel-entry limits exposure to sharp edges and protects workers' arms/hands
- "Finger Grip" shaped head assures positive grip while threading tie
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Miniature Cross Section													
ILT1M-M	4.8	122	.098	2.5	.044	1.1	1.10	28	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
Intermediate Cross Section													
ILT1.5I-M	5.4	137	.142	3.6	.052	1.3	1.38	35	30	133	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
Standard Cross Section													
ILT2S-C	8.3	211	.190	4.8	.052	1.3	1.88	48	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
ILT3S-C	11.5	292	.190	4.8	.052	1.3	3.00	76	50	222		100	1000
ILT4S-C	14.7	373	.190	4.8	.052	1.3	4.00	102	50	222		100	1000
Light-Heavy Cross Section													
ILT4LH-TL	14.8	376	.300	7.6	.075	1.9	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
ILT6LH-C	21.2	538	.300	7.6	.075	1.9	6.00	152	120	534		100	2000

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

BELT-TY™ In-Line Cable Ties – Weather Resistant Nylon 6.6

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
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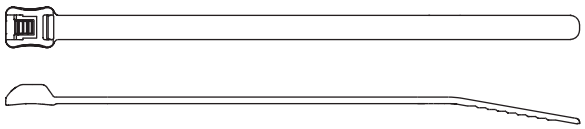
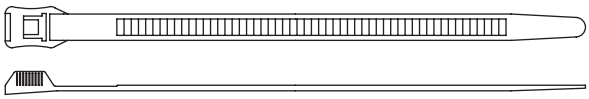


Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Miniature Cross Section													
ILT1M-M0	4.8	122	.098	2.5	.044	1.1	1.10	28	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
Intermediate Cross Section													
ILT1.5I-M0	5.4	137	.142	3.6	.052	1.3	1.38	35	30	133	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
Standard Cross Section													
ILT2S-C0	8.3	211	.190	4.8	.052	1.3	1.88	48	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
ILT3S-C0	11.5	292	.190	4.8	.052	1.3	3.00	76	50	222		100	1000
ILT4S-C0	14.7	373	.190	4.8	.052	1.3	4.00	102	50	222		100	1000
Light-Heavy Cross Section													
ILT4LH-TL0	14.8	376	.300	7.6	.075	1.9	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
ILT6LH-C0	21.2	538	.300	7.6	.075	1.9	6.00	152	120	534		100	2000

Note: UL Recognized, UL Listed and CSA Certified except ILT4LH/6LH.

IN-LINE Cable Ties – Weather Resistant Nylon 6.6

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Parallel-entry cable tie that threads like a belt (180° entry)
- Wide tie body provides high tensile strength
- 50% lower head height than conventional 90° ties
- Parallel-entry limits exposure to sharp edges and protects workers' arms/hands
- Outside teeth protect cable jacket and wire insulation
- "Finger Grip" shaped head with serrations assures positive grip while threading tie
- Install by hand or use *PANDUIT* GTH installation tool, see page B1.90
- Flexible – easy to handle and install



Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Std. Pkg. Qty	Std. Ctn. Qty.
	In	mm	In	mm	In	mm	In	mm	Lbs	N		
IT940-C0	6.8	173	.350	8.9	.065	1.7	1.57	40	124	552	100	1000
IT965-C0	10.1	257	.350	8.9	.065	1.7	2.56	65	124	552	100	1000
IT9100-C0‡	14.1	358	.350	8.9	.065	1.7	3.94	100	124	552	100	1000
IT9115-C0‡	15.3	389	.350	8.9	.065	1.7	4.53	115	124	552	100	1000
IT9150-C0	20.1	511	.350	8.9	.075	1.9	5.91	150	124	552	100	1000
IT9250-C0	33.0	838	.350	8.9	.075	1.9	9.84	250	124	552	100	1000

‡Available in 13 ultraviolet weather resistant colors for color coordination.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Parallel-Entry Cable Ties

Material and Color Chart

Material	Color	*PANDUIT* Suffix
Nylon 6.6	Natural	✓
Weather Resistant (WR) Nylon 6.6	Black	0
Heat Stabilized Nylon 6.6	Natural	39
Flame Retardant Nylon 6.6	Natural (Ivory)	69
Nylon 6.6	Ultraviolet Red	UV2
Nylon 6.6	Ultraviolet Bright Red	UV2A
Nylon 6.6	Ultraviolet Yellow	UV4Y
Nylon 6.6	Ultraviolet Butterscotch	UV4A
Nylon 6.6	Ultraviolet Green	UV5A

Material	Color	*PANDUIT* Suffix
Nylon 6.6	Ultraviolet Hunter Green	UV5B
Nylon 6.6	Ultraviolet Dark Blue	UV6
Nylon 6.6	Ultraviolet Light Blue	UV6A
Nylon 6.6	Ultraviolet Cobalt Blue	UV6B
Nylon 6.6	Ultraviolet Purple	UV7A
Nylon 6.6	Ultraviolet Silver	UV8
Nylon 6.6	Ultraviolet Teal	UV11
Nylon 6.6	Ultraviolet Pink	UV16B
Nylon 6.6	Ultraviolet Tan	UV18

✓Denotes *PANDUIT* Natural Nylon 6.6 (no suffix required).

Part Number Availability List

Standard Packaging			Bulk Packaging		
Part Number	Natural Nylon 6.6	Color/Material (Suffix)	Part Number	Natural Nylon 6.6	Color/Material (Suffix)
			CBR1M-M	✓	0
			CBR1.5M-M	✓	0
			CBR2M-M	✓	0
			CBR1.5I-M	✓	0
			CBR3I-M	✓	0
			CBR4I-M	✓	0
			CBR2S-M	✓	0,39
			CBR3S-M	✓	0,69
			CBR4S-M	✓	0
			CBR2HS-D	✓	0
			CBR4LH-TL	✓	0
			CBR6LH-C	✓	0
			ILT1M-M	✓	0
			ILT1.5I-M	✓	0
ILT2S-C	✓	0	ILT2S-M	✓	0
ILT3S-C	✓	0	ILT3S-M	✓	0
ILT4S-C	✓	0	ILT4S-M	✓	0
			ILT4LH-TL	✓	0
			ILT6LH-C	✓	0
			IT940-C		0
			IT965-C		0
			IT9100-C		0,UV2,UV4Y,UV6,UV6A,UV7A, UV8,UV16B
			IT9115-C		0,UV2,UV2A,UV4Y,UV4A, UV5A,UV5B,UV6,UV6A,UV6B, UV7A,UV8,UV11,UV16B,UV18
			IT9150-C		0
			IT9250-C		0

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Features and Benefits – Hook & Loop Cable Ties

Designed for use where frequent access to the bundle is required. The ties are adjustable, releasable and reusable.

TAK-TY® Hook & Loop Cable Ties

Loop Style

Loop style allows for prewrapping of bundles

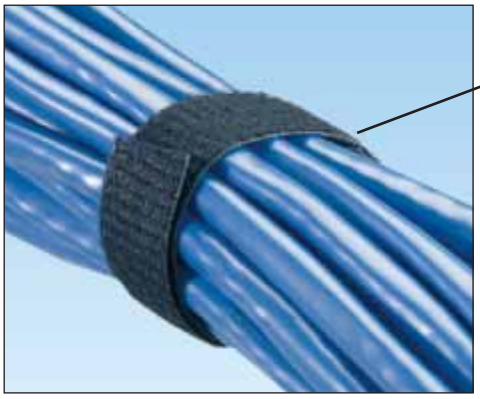
Strip Style

Available in continuous or perforated rolls

Plenum Style

Plenum-rated distinctive maroon color

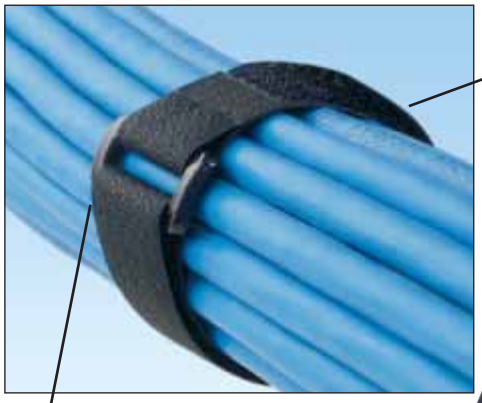
TAK-TAPE™ Hook & Loop Strips



Thinnest hook and loop material available

Convenient packaging

ULTRA-CINCH™ Hook & Loop Cable Ties



Exclusive same-sided material secures a greater range of bundle diameters

Low profile contoured cinch ring reduces overall bundle size

Available in 3 styles and 8 colors

Wire Management accessories speed and simplify the mounting of high performance cabling.

See pages B2.2 – B2.24 and C4.1 – C4.8.

Selection Guide – Hook & Loop Cable Ties

Product, Color (Suffix)	Style / Function	Part Number Prefix	Catalog Page
TAK-TY® Ties, Black (0)	Loop Ties / Reusable	HLT	B1.64
	Strip Ties / Reusable	HLS	B1.64
	15' & 75' Rolls / Reusable	HLM, HLS	B1.64
	Cinch Ties / Reusable	HLC	B1.64
TAK-TY® Plenum-Rated Ties, UL Listed Maroon (12)	Loop Ties / Reusable	HLTP	B1.65
	Strip Ties / Reusable	HLSP	B1.65
TAK-TAPE™ Rolls, Black (0)	20' & 35' Rolls / Reusable	TTS	B1.65
ULTRA-CINCH™ Ties, Black (0)	Cinch Ties / Reusable	UCT	B1.66
	Cinch Ties – Center Mount Grommet / Reusable	UGCTC	B1.66
	Cinch Ties – End Mount Grommet / Reusable	UGCTE	B1.66

Part Number System for Hook & Loop Ties

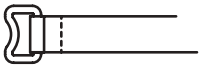
HLT	2	I	—		X	0
Type	**Size**	**Cross Section**		**Roll Length**	**Package Size**	**Color**
HL = Hook & Loop HLC = HL Cinch Tie HLM = HL Miniature HLT = HL Loop Tie HLTP = HL Loop Tie Plenum-Rated HLS = HL Strip Tie HLSP = HL Strip Tie Plenum-Rated TTS = *TAK-TAPE*™ Standard Strip UCT = *ULTRA-CINCH*™ Tie UGCTC = UCT Grommet Cinch Tie – Center Mount UGCTE = UCT Grommet Cinch Tie – End Mount	Approx. Maximum Bundle Dia. (In.)	I = Intermediate S = Standard		15 = 15' 20 = 20' 75 = 75'	C = 100 TL = 250 D = 500 M = 1000	See page B1.67

TAK-TY® Hook & Loop Cable Ties

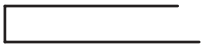
- Broadest selection of sizes, styles and colors to meet your application needs
- Adjustable, releasable and reusable hundreds of times – ideal for applications requiring frequent moves, adds or changes
- Hook and loop material maintains network data integrity by protecting against over-tensioning, unraveling and delamination
- Operating temperature range: 0°F to 220°F (-18°C to 104°C)
- Complementary mounts available, see pages B2.8 and C4.7

Note: Minimum 2" overlap required to achieve loop tensile rating

HLT



HLC



HLM / HLS

Part Number	Length In.	Length mm	Width In.	Width mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Std. Pkg. Qty.	Std. Ctn. Qty.
Loop Ties – Slot allows for pre-wrapping of bundles										
HLT2I-X0	8.0	203	.500	12.7	1.91	49	40	178	10	100
HLT3I-X0	12.0	305	.500	12.7	3.18	81	40	178	10	100
Strip Ties – Perforated in convenient 6", 12" and 18" strips										
HLS1.5S-X0	6.0	152	.750	19.1	1.50	38	50	222	10	100
HLS3S-X0	12.0	305	.750	19.1	3.20	81	50	222	10	100
HLS5S-X0	18.0	457	.750	19.1	5.00	127	50	222	10	100
Cinch Ties – Provide extra strength and bundle tightness										
HLC3S-X0	12.0	305	.750	19.1	3.00	76	50	222	10	100
HLC5S-X0	18.0	457	.750	19.1	5.00	127	50	222	10	100

Part Number	Length ft	Length M	Width In.	Width mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Std. Pkg. Qty.	Std. Ctn. Qty.
15' & 75' Continuous Rolls – Can be cut to desired length, eliminating waste										
HLM-15R0	15.0	4.6	.330	8.4	Various	Various	18	80	1	10
HLS-15R0	15.0	4.6	.750	19.1	Various	Various	50	222	1	10
HLS-75R0	75.0	22.9	.750	19.1	Various	Various	50	222	1	10

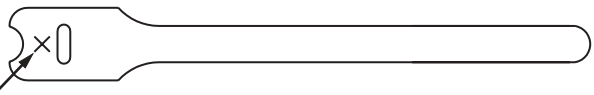
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

TAK-TY® Hook & Loop Cable Ties – Plenum-Rated

- UL Listed for use in plenum or air handling spaces per NEC, Section 300-22 (C) and (D)
- Highest tensile strength of any plenum-rated Hook & Loop Ties in the industry
- Adjustable, releasable and reusable hundreds of times – ideal for applications requiring frequent moves, adds or changes
- Hook and loop material maintains network data integrity by protecting against over-tensioning, unraveling and delamination
- Operating temperature range: 0°F to 122°F (-18°C to 50°C)
- Flammability rating: UL94V-2

Note: Minimum 2" overlap required to achieve loop tensile rating



Part Number	Length In.	Length mm	Width In.	Width mm	Color	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Std. Pkg. Qty.	Std. Ctn. Qty.
Loop Ties – Slot allows for pre-wrapping of bundles											
HLTP2I-X12	8.0	203	.500	12.7	Maroon	1.91	49	40	178	10	100
HLTP2I-X0	8.0	203	.500	12.7	Black	1.91	49	18	80	10	100
HLTP3I-X12	12.0	305	.500	12.7	Maroon	3.18	81	40	178	10	100
HLTP3I-X0	12.0	305	.500	12.7	Black	3.18	81	18	80	10	100
Strip Ties – Perforated in convenient 6", 12" and 18" strips											
HLSP1.5S-X12	6.0	152	.750	19.1	Maroon	1.50	38	50	222	10	100
HLSP1.5S-X0	6.0	152	.750	19.1	Black	1.50	38	18	80	10	100
HLSP3S-X12	12.0	305	.750	19.1	Maroon	3.20	81	50	222	10	100
HLSP3S-X0	12.0	305	.750	19.1	Black	3.20	81	18	80	10	100
HLSP5S-X12	18.0	457	.750	19.1	Maroon	5.00	127	50	222	10	100
HLSP5S-X0	18.0	457	.750	19.1	Black	5.00	127	18	80	10	100

TAK-TAPE™ Hook & Loop Strips

- Hook & Loop fastener for general purpose bundling
- Thin and flexible to quickly wrap around bundle
- Adjustable, releasable and reusable
- Large continuous roll you can cut to size – *PANDUIT* cutter included with TTS-35RX0
- Complementary mounts available, see page B2.8
- Handy, reusable plastic case with TTS-20R0, keeps material clean
- Operating temperature range: -22°F to 194°F (-30°C to 90°C)

Note: Minimum 2" overlap required to achieve loop tensile rating

Part Number	Length ft	Length M	Width In.	Width mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Std. Pkg. Qty.	Std. Ctn. Qty.
TTS-20R0	20	6.1	.750	19.1	Various	Various	40	178	1	10
TTS-35RX0	35	10.7	.750	19.1	Various	Various	40	178	1	10

Std. Pkg. Qty. of TTS-35RX0 denotes 1 package of ten 35' rolls.

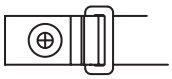
ULTRA-CINCH™ Hook & Loop Ties

- Exclusive material with hooks and loops on same side allows user to secure a greater range of bundle diameters, including smaller bundles
- Improved low profile contoured cinch ring reduces overall bundle size
- Hook and loop material maintains network data integrity by protecting against over-tensioning, unraveling and delamination
- Adjustable, releasable and reusable hundreds of times – ideal for applications requiring frequent moves, adds or changes
- Tapered tip facilitates easy, snag-free threading to speed installation
- Brass grommet (on UGCTC and UGCTE styles) assures reliable installations with a strong metal grommet that resists pullout
- Use flat-head screws for grommet applications

Note: Minimum 2" overlap required to achieve loop tensile rating

UCT

UGCTC



UGCTE

Part Number	Length In.	Length mm	Width In.	Width mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Std. Pkg. Qty.	Std. Ctn. Qty.
Cinch Ties										
UCT3S-X0	12.0	305	.850	21.6	3.00	76	50	222	10	100
UCT5S-X0	18.0	457	.850	21.6	5.00	127	50	222	10	100
Cinch Ties – Center Mount Grommet (Bundle is centered over mounting point)										
UGCTC3S-X0	12.0	305	.850	21.6	3.00	76	50	222	10	100
UGCTC5S-X0	18.0	457	.850	21.6	5.00	127	50	222	10	100
Cinch Ties – End Mount Grommet (Bundle is offset from mounting point)										
UGCTE3S-X0	12.0	305	.850	21.6	3.00	76	50	222	10	100
UGCTE5S-X0	18.7	475	.850	21.6	5.00	127	50	222	10	100

Note: 1/4" (6mm) diameter mounting hole on *grommet style* cinch ties.

NEW!

Now Available in 8 Colors!

ULTRA-CINCH™ Tie Color Chart		
Color	Part No. Suffix	Example
Black	0	UCT3S-X0
Red	2	UCT3S-X2
Orange	3	UCT3S-X3
Yellow	4	UCT3S-X4
Green	5	UCT3S-X5
Blue	6	UCT3S-X6
Gray	8	UCT3S-X8
White	10	UCT3S-X10

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Hook & Loop Cable Ties

Color Chart

Color	*PANDUIT* Suffix
Black	0
Red	2
Orange	3
Yellow	4
Green	5

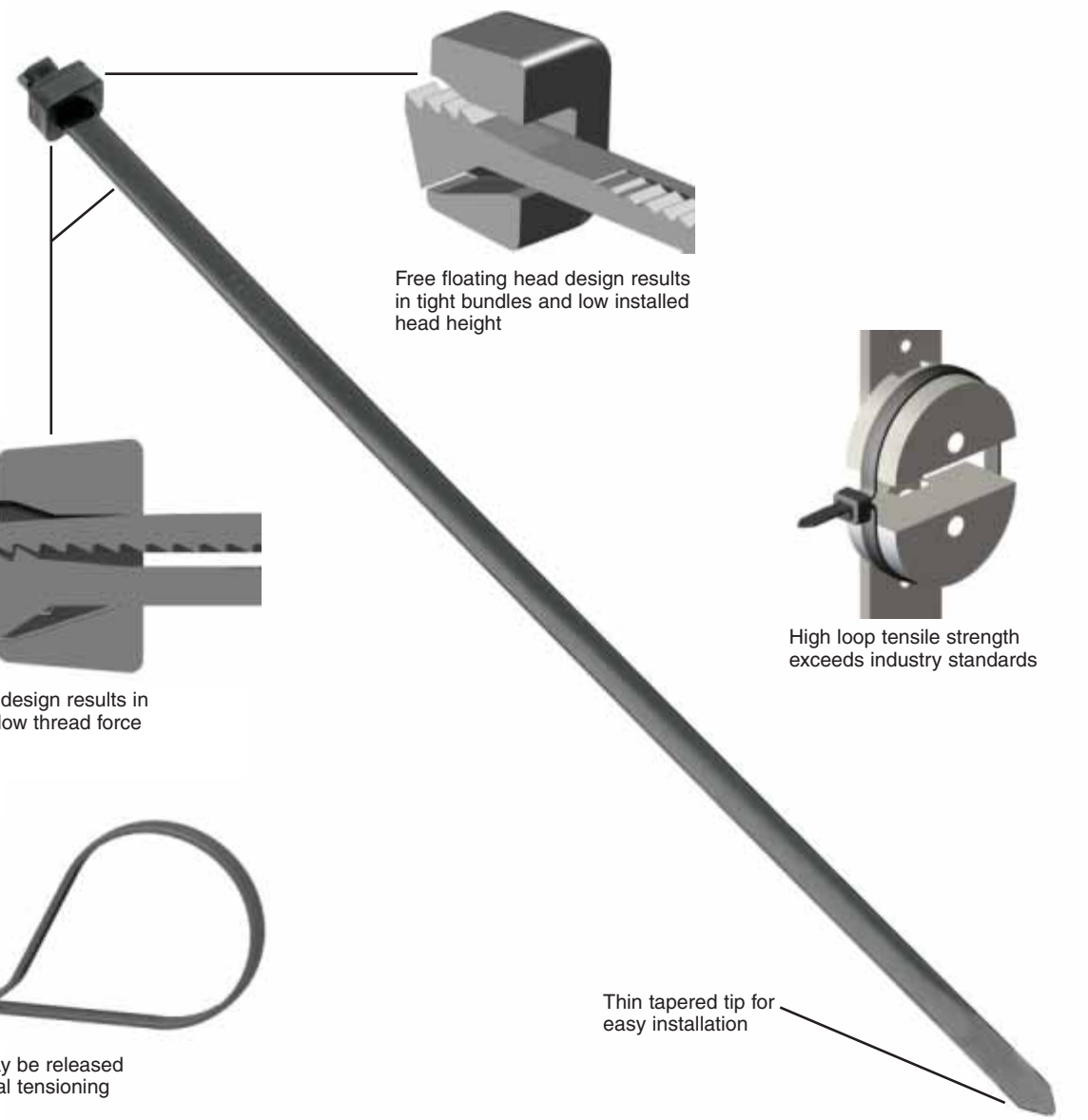
Color	*PANDUIT* Suffix
Blue	6
Gray	8
White	10
Maroon	12

Part Number Availability List

Standard Packaging	
Part Number	**Color**
HLC3S-X	0
HLC5S-X	0
HLM-15R	0,2,3,4,5,6,8,10
HLS-15R	0,2,3,4,5,6,8,10
HLS-75R	0,2,3,4,5,6,8,10
HLS1.5S-X	0,2,3,4,5,6,8,10
HLS3S-X	0,2,3,4,5,6,8,10
HLS5S-X	0,2,3,4,5,6,8,10
HLSP1.5S-X	0,12
HLSP3S-X	0,12
HLSP5S-X	0,12
HLT2I-X	0,2,3,4,5,6,8,10
HLT3I-X	0,2,3,4,5,6,8,10
HLTP2I-X	0,12
HLTP3I-X	0,12
TTS-20R	0
TTS-35RX	0
UCT3S-X	0,2,3,4,5,6,8,10
UCT5S-X	0,2,3,4,5,6,8,10
UGCTC3S-X	0,2,3,4,5,6,8,10
UGCTC5S-X	0,2,3,4,5,6,8,10
UGCTE3S-X	0,2,3,4,5,6,8,10
UGCTE5S-X	0,2,3,4,5,6,8,10

Features and Benefits – *STA-STRAP*® Cable Ties

Two-piece design incorporates a separate nylon head and strap.



Free floating head design results in tight bundles and low installed head height

High loop tensile strength exceeds industry standards

Two-piece design results in extremely low thread force

Design may be released prior to final tensioning

Thin tapered tip for easy installation

Cable tie tools speed installation and reduce total installed cost.

See pages B1.89 – B1.93.

Cable tie accessories are used to speed and simplify the mounting of wires, cables and tubing.

See pages B2.1 – B2.24.

Selection Guide – *STA-STRAP*® Cable Ties

Material, Color (Suffix)	Style / Function	Part Number Prefix	Catalog Page
Nylon 6.6, Natural (No Suffix)	Locking Ties / Bundle	SST	B1.70
	Clamp Ties / Mount	SSC	B1.73
	Marker Ties / Identify	SSM	B1.74
Weather Resistant Nylon 6.6, Black (0)	Locking Ties / Bundle	SST	B1.71
	Clamp Ties / Mount	SSC	B1.73
	Marker Ties / Identify	SSM	B1.74
Heat Stabilized Nylon 6.6, Black (30)	Locking Ties / Bundle	SST	B1.72
	Clamp Ties / Mount	SSC	B1.73

Part Number System for *STA-STRAP*® Cable Ties

SST **1** **M** — **C**

Type

SST = Locking Tie
SSC = Clamp Tie
SSM = Marker Tie

Size

Approx. Maximum Bundle Dia. (In.)

Cross Section

M = Miniature
I = Intermediate
S = Standard
H = Heavy
HH = Heavy Head

Screw Hole Size

(Clamp Ties Only)
-S4 = #4 (M2.5)
-S6 = #6 (M3)
-S8 = #8 (M4)
-S10 = #10 (M5)
-S25 = 1/4 (M6)

Package Size

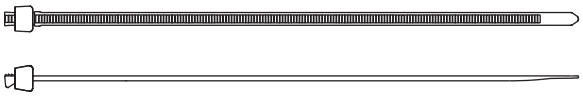
L = 50
C = 100
TL = 250
D = 500
M = 1000

Color / Material

See Page B1.75

STA-STRAP® Cable Ties – Nylon 6.6

- For indoor use
- Used for normal bundling and through-panel applications
- Small head height allows more efficient use of space in compact areas
- Exclusive two-piece design offers the lowest threading force in the industry
- Average 14% lighter than one-piece ties
- Releasable prior to final tensioning for bundle modifications



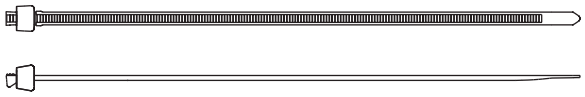
Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Miniature Cross Section													
SST1M-C	4.0	102	.095	2.4	.035	.9	.78	20	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
SST1.5M-C	5.5	140	.095	2.4	.037	.9	1.25	32	18	80		100	1000
Intermediate Cross Section													
SST1.5I-C	5.3	137	.135	3.4	.037	.9	1.25	32	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
SST2I-C	8.1	206	.135	3.4	.040	1.0	2.00	51	40	178		100	1000
SST3I-C	11.0	279	.135	3.4	.040	1.0	3.00	76	40	178		100	1000
SST4I-C	14.7	375	.135	3.4	.040	1.0	4.00	102	40	178		100	1000
Standard Cross Section													
SST1.5S-M	5.7	146	.180	4.6	.045	1.2	1.25	32	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	25000
SST2S-C	6.7	172	.180	4.6	.045	1.2	1.75	45	50	222		100	1000
SST3S-C	11.0	279	.180	4.6	.048	1.2	3.00	76	50	222		100	1000
SST4S-C	15.0	381	.180	4.6	.048	1.2	4.00	102	50	222		100	1000
Light-Heavy Cross Section													
SST2H-D	8.0	203	.300	7.6	.062	1.6	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	500	5000
SST4H-L	14.8	376	.300	7.6	.067	1.7	4.00	102	120	534		50	500
SST8H-L	27.5	699	.300	7.6	.067	1.7	8.00	203	120	534		50	500

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

STA-STRAP® Cable Ties – Weather Resistant Nylon 6.6

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Used for normal bundling and through-panel applications
- Small head height allows more efficient use of space in compact areas
- Exclusive two-piece design offers the lowest threading force in the industry
- Average 14% lighter than one-piece ties
- Releasable prior to final tensioning for bundle modifications



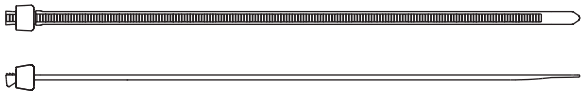
Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Miniature Cross Section													
SST1M-C0	4.0	102	.095	2.4	.035	.9	.78	20	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	100	1000
SST1.5M-M0	5.5	140	.095	2.4	.037	.9	1.25	32	18	80		1000	50000
Intermediate Cross Section													
SST1.5I-M0	5.3	137	.135	3.4	.037	.9	1.25	32	40	178	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	25000
SST2I-M0	8.1	206	.135	3.4	.040	1.0	2.00	51	40	178		1000	25000
SST3I-C0	11.0	279	.135	3.4	.040	1.0	3.00	76	40	178		100	1000
SST4I-M0	14.7	375	.135	3.4	.040	1.0	4.00	102	40	178		1000	10000
Standard Cross Section													
SST1.5S-M0	5.7	146	.180	4.6	.045	1.2	1.25	32	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	25000
SST2S-C0	6.7	172	.180	4.6	.045	1.2	1.75	45	50	222		100	1000
SST3S-C0	11.0	279	.180	4.6	.048	1.2	3.00	76	50	222		100	1000
SST4S-C0	15.0	381	.180	4.6	.048	1.2	4.00	102	50	222		100	1000
Light-Heavy Cross Section													
SST2H-D0	8.0	203	.300	7.6	.062	1.6	2.00	51	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	500	5000
SST4H-L0	14.8	376	.300	7.6	.067	1.7	4.00	102	120	534		50	500
SST8H-L0	27.5	699	.300	7.6	.067	1.7	8.00	203	120	534		50	500

STA-STRAP® Cable Ties – Heat Stabilized Nylon 6.6

- For high temperature applications – indoor use
- Used for normal bundling and through-panel applications
- *Heavy head* design is available for use in through-panel applications with a larger opening up to .400"
- Small head height allows more efficient use of space in compact areas
- Exclusive two-piece design offers the lowest threading force in the industry
- Average 14% lighter than one-piece ties
- Releasable prior to final tensioning for bundle modifications

SST

SST4HH



Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Miniature Cross Section													
SST1M-M30	4.0	102	.095	2.4	.035	.9	.78	20	18	80	GTS, GTSL, GS2B, PTS, PPTS, STS2	1000	50000
SST1.5M-M30	5.5	140	.095	2.4	.037	.9	1.25	32	18	80		1000	50000
Standard Cross Section													
SST2S-M30	6.7	172	.180	4.6	.045	1.2	1.75	45	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	15000
SST3S-M30	11.0	279	.180	4.6	.048	1.2	3.00	76	50	222		1000	10000
SST4S-M30	15.0	381	.180	4.6	.048	1.2	4.00	102	50	222		1000	5000
Light-Heavy Cross Section													
SST4H-D30	14.8	376	.300	7.6	.067	1.7	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	500	2500
SST8H-D30	27.5	699	.300	7.6	.067	1.7	8.00	203	120	534		500	2000
Heavy Head Design													
Light-Heavy Cross Section													
SST4HH-D30	14.8	376	.300	7.6	.062	1.6	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	500	2500

Order number of pieces required, in multiples of Standard Package Quantity.

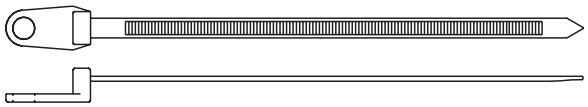
Prime items appear in **BOLD**.

STA-STRAP® Clamp Ties

- Natural Nylon material for indoor use
- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Heat Stabilized material for high temperature applications – indoor use
- Design allows for bundling before or after screwing clamp in place
- Exclusive two-piece design offers the lowest threading force in the industry
- Used to secure a cable bundle to another surface such as a control panel, communication rack, wall or ceiling
- Only clamp tie that is releasable prior to final tensioning

SSC2S-S10-C

SSC2S-S10-M0



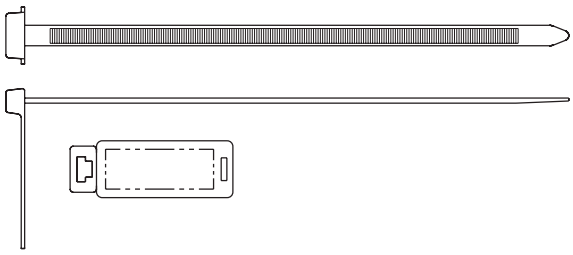
Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Nominal Hole Dia. In.	Nominal Hole Dia. mm	Screw Size	Metric Screw Size	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Nylon 6.6																	
Standard Cross Section																	
SSC2S-S6-C	7.4	187	.180	4.6	.045	1.1	.148	3.8	#6	M3	1.75	45	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
SSC2S-S10-C	7.4	187	.180	4.6	.045	1.1	.200	5.1	#10	M5	1.75	45	50	222		100	1000
SSC4S-S10-C	15.7	398	.180	4.6	.045	1.1	.200	5.1	#10	M5	4.00	102	50	222		100	500
Light-Heavy Cross Section																	
SSC4H-S25-L	15.6	395	.300	7.6	.065	1.7	.260	6.6	1/4	M6	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	500
Weather Resistant Nylon 6.6																	
Standard Cross Section																	
SSC2S-S6-M0	7.4	187	.180	4.6	.045	1.1	.148	3.8	#6	M3	1.75	45	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
SSC2S-S10-M0	7.4	187	.180	4.6	.045	1.1	.200	5.1	#10	M5	1.75	45	50	222		1000	10000
SSC4S-S10-M0	15.7	398	.180	4.6	.045	1.1	.200	5.1	#10	M5	4.00	102	50	222		1000	5000
Light-Heavy Cross Section																	
SSC4H-S25-D0	15.6	395	.300	7.6	.065	1.7	.260	6.6	1/4	M6	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	500	2500
Heat Stabilized Nylon 6.6																	
Standard Cross Section																	
SSC2S-S10-M30	7.4	187	.180	4.6	.045	1.2	.200	5.1	#10	M5	1.75	45	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
Light-Heavy Cross Section																	
SSC4H-S25-D30	15.6	395	.300	7.6	.065	1.7	.260	6.6	1/4	M6	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	500	2500

STA-STRAP® Marker Ties – Nylon & Weather Resistant Nylon 6.6

- Natural Nylon material for indoor use
- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Used to fasten and identify bundles at the same time
- Unique design allows tie to be used as a wrap-around or flag marker
- Can be marked with *PANDUIT* Marker Pens on page B1.48 or Computer Printable Labels
- Custom imprinting with text, symbols or trademarks available using *PANDUIT* Custom Hot Stamping Service, see page B1.103

SSM2S-C

SSM2S-D0



Part Number	Marker Type	Length		Width		Thickness		Marker Write-On Area		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
Nylon 6.6																
Standard Cross Section																
SSM2S-C	Wrap/ Flag	6.7	170	.180	4.6	.045	1.1	.44 x .96	11.2 x 24.4	1.75	45	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	500
SSM4S-D	Wrap/ Flag	14.9	379	.180	4.6	.045	1.1	.44 x .96	11.2 x 24.4	4.00	102	50	222		500	5000
Weather Resistant Nylon 6.6																
Standard Cross Section																
SSM2S-D0	Wrap/ Flag	6.7	170	.180	4.6	.045	1.1	.44 x .96	11.2 x 24.4	1.75	45	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	500	10000

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

STA-STRAP® Cable Ties

Material and Color Chart

Material	Color	*PANDUIT* Suffix
Nylon 6.6	Natural	✓
Weather Resistant (WR) Nylon 6.6	Black	0
Nylon 6.6	Red	2

Material	Color	*PANDUIT* Suffix
Nylon 6.6	Black	20
Heat Stabilized Nylon 6.6	Black	30

✓Denotes *PANDUIT* Natural Nylon 6.6 (no suffix required).

Part Number Availability List

Standard Packaging			Bulk Packaging		
Part Number	Natural Nylon 6.6	Color/Material Suffix	Part Number	Natural Nylon 6.6	Color/Material Suffix
SSC2S-S10-C	✓		SSC2S-S10-M	✓	0,30
SSC2S-S6-C	✓		SSC2S-S6-M	✓	0
SSC4S-S10-C	✓		SSC4S-S10-M	✓	0
SSC4H-S25-L	✓		SSC4H-S25-D	✓	0
SSM2S-C	✓		SSM2S-D	✓	0
			SSM4S-D	✓	
SST1M-C	✓	0	SST1M-M	✓	0,20,30
SST1.5M-C	✓		SST1.5M-M	✓	0,20,30
SST1.5I-C	✓		SST1.5I-M	✓	0
SST2I-C	✓		SST2I-M	✓	0
SST3I-C	✓	0	SST3I-M	✓	0
SST4I-C	✓		SST4I-M	✓	0
			SST1.5S-M	✓	0
SST2S-C	✓	0	SST2S-M	✓	0,20,30
SST3S-C	✓	0	SST3S-M	✓	0,20,30
SST4S-C	✓	0	SST4S-M	✓	0,2,30
			SST2H-D	✓	0
SST4H-L	✓	0	SST4H-D	✓	0,30
			SST4HH-D		30
SST8H-L	✓	0	SST8H-D	✓	0,30

Selection Guide – Specialty Ties

	Material, Color (Suffix)	Style / Function	Part Number Prefix	Catalog Page
Stud Mounted Cable Ties	Heat Stabilized Nylon 6.6, Black (30)	Locking Ties / Bundle	PLST	B1.77
		Releasable / Reusable	PRST	B1.77
	Heat Stabilized Weather Resistant Nylon 6.6, Black (300)	Locking / Bundle	PLST	B1.77
Ladder Style Stud Mount	Heat Stabilized Nylon 6.6, Black (30)	Releasable / Reusable	PRST	B1.78
Double Loop Ties – 1-Piece	Nylon 6.6, Natural (No Suffix)	Locking / Bundle	PLB	B1.79
	Weather Resistant Nylon 6.6, Black (0)			
	Heat Stabilized Nylon 6.6, Black (30)			
Double Loop Ties – 2-Piece	Nylon 6.6, Natural (No Suffix)	Locking / Bundle	SSB	B1.80
	Heat Stabilized Weather Resistant Nylon 6.6, Black (0)			
	Heat Stabilized Nylon 6.6, Black (30)			
Triple Loop Cable Ties	Weather Resistant Nylon 6.6, Black (0)	Locking / Bundle	PL3B	B1.81
Double Hose Clamp	Weather Resistant Nylon 6.6, Black (0)	Locking / Bundle	DHC	B1.81
Chassis/ Panel Mount Tie	Heat Stabilized Weather Resistant Nylon 6.6, Black (300)	Locking / Bundle	SSPM	B1.82
Cable Marker Strap	Polyethylene (No Suffix)	Releasable / Reusable	CM4S	B1.83

Part Number System for Specialty Cable Ties

PLST **4** **H** **S25** — **TL** **300**

Type
CM4S = Cable Marker Strap
PLB = Locking Bow Tie
PL3B = Triple Loop Tie
DHC = Double Hose Clamp
PLST = Locking Stud Mounted Tie
PRST = Releasable Stud Mount Ladder Style
SSB = *Sta-Strap® Bow-Ty™* Tie
SSPM = *Sta-Strap®* Panel Mount

Size
Approx. Maximum Bundle Dia. (In.)

Cross Section
S = Standard
H = Heavy
EH = Extra-Heavy

Stud Size
-S25 = M6
-SC = 5mm
-S14 = 5mm

Package Size
L = 50
C = 100
TL = 250
D = 500
M = 1000

Color / Material
See page B1.84

Cable tie tools speed installation and reduce total installed cost.

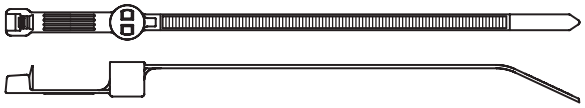
See pages B1.89 – B1.93.

Cable tie accessories are used to speed and simplify the mounting of wires, cables and tubing.

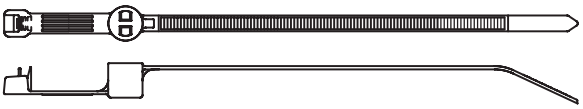
See pages B2.1 – B2.24.

PAN-TY® Stud Mounted Cable Ties – Heat Stabilized & Heat Stabilized Weather Resistant Nylon 6.6

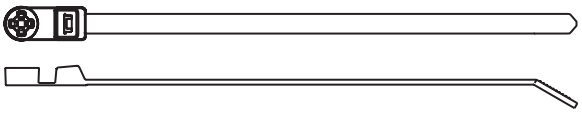
- Heat Stabilized material for high temperature applications – indoor use
- Heat Stabilized Weather Resistant material has greater resistance to damage caused by ultraviolet light and for high temperature applications – indoor or outdoor use
- Integral mount pushes onto a threaded stud and tie wraps around bundle
- Mid-mount style (PLST_SC) centers the wire bundle over the stud
- Tie can be removed from the stud by turning counterclockwise
- Releasable style available (PRST)
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



PLST30SC/50SC



PRST40SC



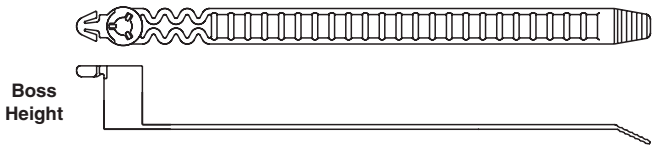
PLST4H

Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Recommended Stud Size In.	Recommended Stud Size mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Heat Stabilized Nylon 6.6															
Standard Cross Section															
PLST30SC-D30	5.7	146	.190	4.8	.050	1.3	10-24	5.0	1.18	30	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	500	5000
PLST50SC-D30	8.1	207	.190	4.8	.050	1.3	10-24	5.0	1.97	50	50	222		500	5000
PRST40SC-D30	6.9	176	.190	4.8	.050	1.3	10-24	5.0	1.57	40	50	222	Hand Installed only	500	5000
Heat Stabilized Weather Resistant Nylon 6.6															
Light-Heavy Cross Section															
PLST4HS25-TL300	15.3	389	7.6	7.6	.075	1.9	1/4-20	6.4	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500

Note: UL Recognized and CSA Certified except PLST4H.

PAN-TY® Ladder Style Stud Mounted Cable Tie – Heat Stabilized Nylon 6.6

- For high temperature applications – indoor use
- Integral mount pushes onto a threaded stud and tie wraps around bundle
- Tie can be removed from the stud by turning counterclockwise
- Adjustable, releasable and reusable
- Installed by hand – no tools required



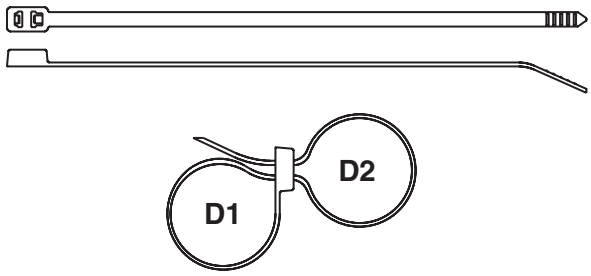
Part Number	Length		Width		Thickness		Boss Height		Recommended Stud Size		Max. Bundle Dia.		Min. Loop Tensile Str.		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N		
Standard Cross Section																
PRST30S-S14-M30	5.2	132	.380	9.7	.050	1.3	.59	15	10-24	5.0	1.18	30	35	156	1000	10000

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TY® Double Loop Cable Ties

- Natural Nylon material for indoor use
- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Heat Stabilized material for high temperature applications – indoor use
- A fast and economical method to secure and separate two bundles
- Reduces part number inventory – single part covers multiple bundle sizes
- Installs easily by hand – second loop can be installed with *PANDUIT* cable tie installation tools



Assembled View

Part Number	Max. Combined Bundle Dia. D1 + D2 In.	mm	Length In.	mm	Width In.	mm	Thickness In.	mm	Min. Loop Tensile Str. Lbs.	N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Nylon 6.6													
Standard Cross Section													
PLB2S-C	1.80	46	7.6	193	.190	4.8	.052	1.3	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
PLB3S-C	3.00	76	11.8	300	.190	4.8	.052	1.3	50	222		100	1000
PLB4S-C	4.10	104	14.8	376	.190	4.8	.052	1.3	50	222		100	1000
Light-Heavy Cross Section													
PLB4H-TL	3.60	91	14.7	373	.300	7.6	.075	1.9	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
Weather Resistant Nylon 6.6													
Standard Cross Section													
PLB2S-C0	1.80	46	7.6	193	.190	4.8	.052	1.3	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	100	1000
PLB3S-C0	3.00	76	11.8	300	.190	4.8	.052	1.3	50	222		100	1000
PLB4S-M0	4.10	104	14.8	376	.190	4.8	.052	1.3	50	222		1000	5000
Light-Heavy Cross Section													
PLB4H-TL0	3.60	91	14.7	373	.300	7.6	.075	1.9	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500
Heat Stabilized Nylon 6.6													
Standard Cross Section													
PLB2S-M30	1.80	46	7.6	193	.190	4.8	.052	1.3	50	222	GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2	1000	10000
PLB3S-M30	3.00	76	11.8	300	.190	4.8	.052	1.3	50	222		1000	10000
PLB4S-M30	4.10	104	14.8	376	.190	4.8	.052	1.3	50	222		1000	5000
Light-Heavy Cross Section													
PLB4H-TL30	3.60	91	14.7	373	.300	7.6	.075	1.9	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500

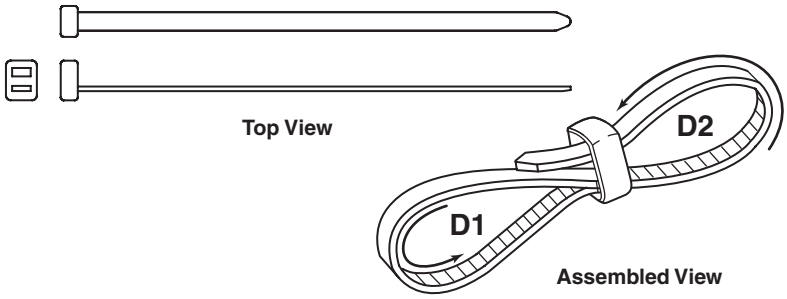
Note: UL Recognized and CSA Certified except PLB4H-TL0.

STA-STRAP® BOW-TY™ Cable Ties

- Natural Nylon material for indoor use
- Weather Resistant material has greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Heat Stabilized material for high temperature applications – indoor use
- A fast and economical method to secure and separate two bundles
- Exclusive two-piece design offers the lowest threading force in the industry
- First loop is releasable prior to final tensioning

SSB2S-C

SSB2S-M0



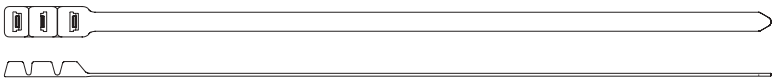
Part Number	Max. Combined Bundle Dia. D1 + D2 In.	Max. Combined Bundle Dia. D1 + D2 mm	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Nylon 6.6													
Standard Cross Section													
SSB2S-C	1.25	32	6.8	172	.18	4.6	.045	1.1	30	133	Hand Installed Only	100	1000
Weather Resistant Nylon 6.6													
Standard Cross Section													
SSB2S-M0	1.25	32	6.8	172	.18	4.6	.045	1.1	30	133	Hand Installed Only	1000	10000
Heat Stabilized Nylon 6.6													
Standard Cross Section													
SSB2S-M30	1.25	32	6.8	172	.18	4.6	.045	1.1	30	133	Hand Installed Only	1000	10000

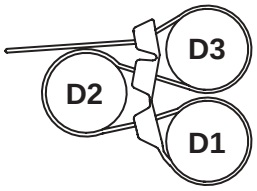
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TY® Triple Loop Cable Tie – Weather Resistant Nylon 6.6

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- A fast and economical method to secure and separate three bundles
- Third loop can be installed with *PANDUIT* cable tie installation tools



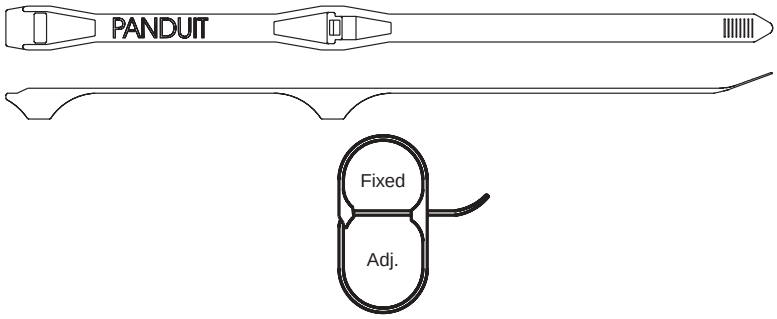


Assembled View

Part Number	Max. Combined Bundle Dia. D1 + D2 + D3 In.	mm	Length In.	mm	Width In.	mm	Thickness In.	mm	Min. Loop Tensile Str. Lbs.	N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Extra-Heavy Cross Section													
PL3B5EH-C0	5.00	127	20.0	508	.500	12.7	.075	1.9	125	556	GS4EH, ST2EH	100	1000

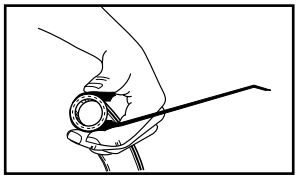
Double Hose Clamp – Weather Resistant Nylon 6.6

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Holds and separates two gasoline, hydraulic or pneumatic hoses
- Holds each hose individually to prevent abrasion and twisting

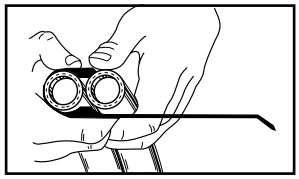


Assembled View

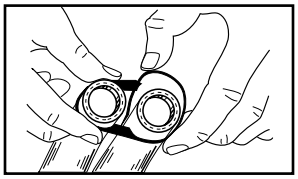
Part Number	Length In.	mm	Width In.	mm	Thickness In.	mm	Fixed Loop Dia. In.	mm	Adjustable Loop Dia. In.	mm	Min. Loop Tensile Str. Lbs.	N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DHC1.12X1.75-D0	11.0	279	.280	7.1	.050	1.3	1.12	28	1.00 – .75	25 – 44	100	445	GTH, GS4H, PTH, STH2, ST2EH	500	2500



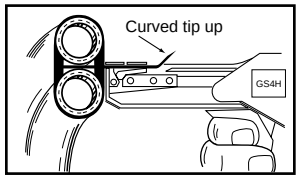
1) Wrap clamp around hose.



2) Position second hose in clamp.



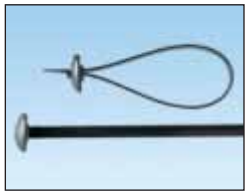
3) Loop tail around second hose and thread tail through both spacer heads.

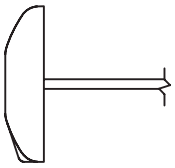


4) Tension and cut off with recommended tool.

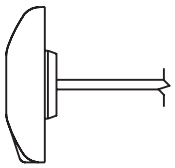
STA-STRAP® Chassis/Panel Mount Tie – Heat Stabilized Weather Resistant Nylon 6.6

- Greater resistance to damage caused by ultraviolet light and for high temperature applications – indoor or outdoor use
- Unique design allows tie to secure a bundle directly to a chassis or panel without the need for separate fasteners or mounting devices
- Releasable prior to final tensioning for bundle modifications
- Engages clearance hole with optional centering pilot to prevent tie from shifting or abrading in high vibration environments

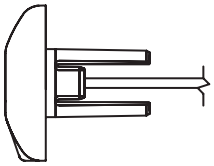




Without Centering Pilot



With Centering Pilot

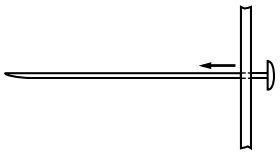


With Long Centering Pilot

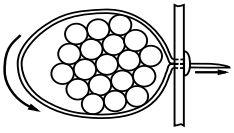
Part Number	Length In.	Length mm	Width In.	Width mm	Thickness In.	Thickness mm	Hole Diameter Range In.	Hole Diameter Range mm	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
Without Centering Pilot															
SSPM2.5H-L300	10.1	257	.300	7.6	.062	1.6	.316 – .820	8.0 – 21.0	2.76	70	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	2500
SSPM4H-L300	14.8	376	.300	7.6	.062	1.6	.316 – .820	8.0 – 21.0	4.00	102	120	534		50	2500
With Centering Pilot															
SSPM2.5HP-L300	10.1	257	.300	7.6	.062	1.6	.440 – .820	11.2 – 21.0	2.76	70	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	50	2500
SSPM4HP-L300	14.8	376	.300	7.6	.062	1.6	.440 – .820	11.2 – 21.0	4.00	102	120	534		50	2500
With Long Centering Pilot															
SSPM4HLP-TL300	14.8	376	.300	7.6	.062	1.6	.440 – .820	11.2 – 21.0	4.00	102	120	534	GTH, GS4H, GS4EH, PTH, STH2, ST2EH	250	2500

Note: CSA Certified except SSPM4HLP.

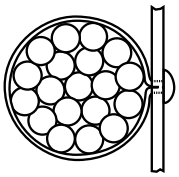
Through-Panel Mount Installation in Three Easy Steps:



1) Insert tip of cable tie through the pre-drilled hole in the panel.



2) Wrap cable tie around the bundle and insert tip back through the hole and head of the cable tie.



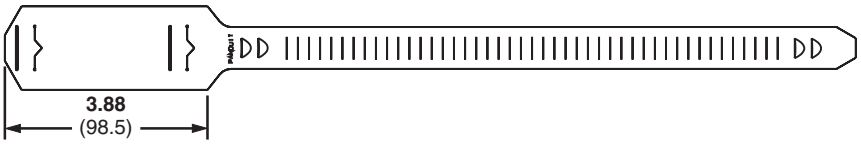
3) Pull tip until cable tie is snug on bundle. Tension and cut off excess portion with installation tool.

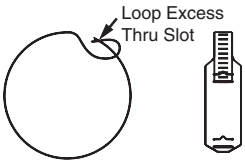
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Cable Marker Strap – Polyethylene

- Identify and code telephone and fiber optic cable
- Replaces costly and cumbersome lead marking tags
- Lightweight and easy to install
- Use as wrap-around or flag marker
- For underground identification applications
- Can be marked with *PANDUIT* Marker Pens on page B1.48
- Custom imprinting with text, symbols or trademarks available using *PANDUIT* Custom Hot Stamping Service, see page B1.103





Wrap-Around Marker (Min Dia: 1.27")

Flag Marker (Min Dia: .25")

Part Number	Length		Width		Thickness		Color	Marker Write-On Area		Max. Bundle Dia.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm		In.	mm	In.	mm			
Standard Cross Section														
CM4S-L2	15.3	387	.750	19.1	.033	.84	Red	1.50 x 2.62	38.1 x 66.5	4.38	111	Hand Installed Only	50	500
CM4S-L8	15.3	387	.750	19.1	.033	.84	Gray	1.50 x 2.62	38.1 x 66.5	4.38	111		50	500

Specialty Cable Ties

Material and Color Chart

Material	Color	*PANDUIT* Suffix
Nylon 6.6	Natural	✓
Weather Resistant (WR) Nylon 6.6	Black	0
Nylon 6.6	Red	2
Nylon 6.6	Gray	8

Material	Color	*PANDUIT* Suffix
Heat Stabilized Nylon 6.6	Black	30
Heat Stabilized Weather Resistant Nylon 6.6	Black	300

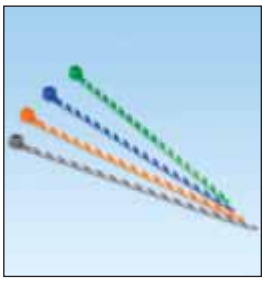
✓Denotes *PANDUIT* Natural Nylon 6.6 (no suffix required).

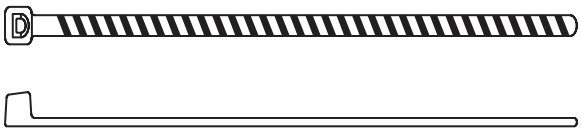
Part Number Availability List

Standard Packaging			Bulk Packaging		
Part Number	Natural Nylon 6.6	Color/Material Suffix	Part Number	Natural Nylon 6.6	Color/Material Suffix
CM4S-L		2,8			
			DHC1.12X1.75-D		0
PLB2S-C	✓	0	PLB2S-M	✓	0,30
PLB3S-C	✓	0	PLB3S-M	✓	0,30
PLB4S-C	✓		PLB4S-M	✓	0,30
			PLB4H-TL	✓	0,30
			PL3B5EH-C		0
			PLST4HS25-TL		300
			PLST30SC-D		30
			PLST50SC-D		30
			PRST40SC-D		30
			PRST30S-S14-M		30
SSB2S-C	✓		SSB2S-M	✓	0,30
SSPM2.5H-L		300	SSPM2.5H-TL		300
SSPM2.5HP-L		300	SSPM2.5HP-TL		300
SSPM4H-L		300	SSPM4H-TL		300
SSPM4HP-L		300	SSPM4HP-TL		300
			SSPM4HLP-TL		300

PAN-TY® Striped Cable Ties – Nylon 6.6

- Nylon material for indoor use
- Striped *PAN-TY*® Cable Ties in 25 color combinations match the universally accepted Even-Count Color Code
- Solid color ties are available for identification of "Super Groups" in cable containing more than 600 pairs
- Each 50 piece package fits in the *PAN-POUCH*™ Kit or pocket pouch, see page B1.86





Part Number	Color	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N		
Miniature Cross Section													
PLT1M-L6-10	Blue/White Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L3-10	Orange/White Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L5-10	Green/White Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L1-10	Brown/White Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L8-10	Slate/White Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L6-2	Blue/Red Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L3-2	Orange/Red Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L5-2	Green/Red Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L1-2	Brown/Red Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L8-2	Slate/Red Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L6-0	Blue/Black Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L3-0	Orange/Black Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L5-0	Green/Black Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L1-0	Brown/Black Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L8-0	Slate/Black Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L6-4	Blue/Yellow Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L3-4	Orange/Yellow Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L5-4	Green/Yellow Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L1-4	Brown/Yellow Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L8-4	Slate/Yellow Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L6-7	Blue/Violet Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L3-7	Orange/Violet Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L5-7	Green/Violet Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L1-7	Brown/Violet Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L8-7	Slate/Violet Stripe	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L0	Black	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L1	Brown	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L2	Red	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L3	Orange	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L4	Yellow	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L5	Green	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L6	Blue	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000
PLT1M-L8	Slate	4.0	102	.100	2.5	.036	.9	.82	21	18	80	50	1000

Note: CSA Certified on solid colors only.

Telephone Cable Identification Kits

- *PAN-POUCH*™ Kit is made of 2-ply laminated black nylon/vinyl and folds for easy storage
- Easily hang pouch from cable by using hook and loop fasteners
- Pocket pouch holds five (50 pc.) packages and is made of a white vinyl

PPC25X50F

PP5X50F

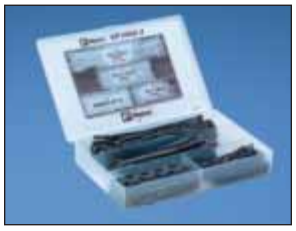
Part Number	Description	Dimensions		Std. Pkg. Qty.
		Open	Closed	
PPC25X50F	Pouch filled with 1,250 cable ties (50 each of all 24 striped ties, and 50 solid red ties)	10.5" x 38" (267mm x 965mm)	10.5" x 6" (267mm x 152mm)	1
PPC25X50	Empty pouch	10.5" x 38" (267mm x 965mm)	10.5" x 6" (267mm x 152mm)	1
PP5X50F	Pocket pouch filled with 250 cable ties (50 of each color: Blue, Orange, Green, Brown and Slate – all with White stripe)	—	—	1

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

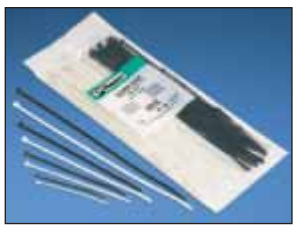
Cable Tie Kits in Plastic Boxes and Bags

KP-506A


KP-506A-0

KP-509

KB-550


KB-551

Part Number	Part Description	Std. Pkg. Qty.
KP-506A	**Kit for Indoor Use** *Pan-Ty®* Cable Ties and Mounts: Natural Nylon 6.6 (100) PLT1M (100) PLT1.5I (100) PLT2S (50) ABM2S-A Mounts	1
KP-506A-0	**Kit for Outdoor Use** *Pan-Ty®* Cable Ties and Mounts: Black Weather Resistant Nylon 6.6 (100) PLT1M-0 (100) PLT1.5I-0 (100) PLT2S-0 (50) ABM2S-AT-0 Mounts	1
KP-509	**Kit for Indoor Use** For prototyping and new product development – contains over 600 pcs. *Pan-Ty®* Cable Ties in different styles, sizes and colors Huge assortment of cable tie mounts and wiring accessories	1
KB-550	**Assortment Pack for Indoor and Outdoor Use** *Pan-Ty®* Cable Ties: Natural Nylon 6.6 (15) PLT1M (15) PLT1.5I (15) PLT2S (15) PLT3S Black Weather Resistant Nylon 6.6 (10) PLT1M-0 (10) PLT1.5I-0 (10) PLT2S-0 (10) PLT3S-0	1
KB-551	**Assortment Pack for Indoor and Outdoor Use** *Dome-Top®* Barb Ty Cable Ties: Natural Nylon 6.6 (15) BT1M (15) BT1.5I (15) BT2S (15) BT3S Black Weather Resistant Nylon 6.6 (10) BT1M-0 (10) BT1.5I-0 (10) BT2S-0 (10) BT3S-0	1

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Cable Tie Kits in Steel Boxes

K-205

K-504 / SR2

Part Number	Part Description	Std. Pkg. Qty.
K-205	**Kit for Indoor Use** *PAN-TY®* Cable Ties, Cable Tie Installation Tool, Terminals, Splices and Crimp Tool: (1) GTS Tool (1) CT-100 Crimp Tool Natural Nylon 6.6 Cable Ties (100) PLT1M (100) PLT1.5I (100) PLT2S Terminals (100) PV18-6LF (100) PV14-8LF (100) PV14-10LF (50) PV10-10LF Splices (50) BSV10X (100) BSV14X (100) BSV18X	1
K-504	**Kit for Indoor Use** *PAN-TY®* Cable Ties, Cable Tie Installation Tool and Mounts: (1) STS2 Tool Natural Nylon 6.6 Cable Ties (100) PLT1M (100) PLT1.5I (100) PLT2S (100) PLC2S-S10 Mounts (100) TM2S8 (100) ABM2S-A	1
SR2	**2-Drawer Slide Rack** Holds K-504 Cable Tie Kit or K-1000 Series Terminal Kit	1

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Selection Guide – Hand Tools, Accessories and Kits

Hand Tools

Manual

Tool Controlled Tension and Cut-Off
Recommended usage: under 50,000 ties/year
Typical Applications: Low to medium volume tie usage, in OEM, MRO or Construction

Cross Section	Tool Part Number – Page B1.90					
	GTS	GTSL	GS2B	GTH	GS4H	GS4EH
SM	X	X				
M	X	X	X			
I	X	X	X			
S	X	X	X	X	X	
HS				X	X	
LH				X	X	X
H				X	X	X
EH						X

Cross Sections		
SM	=	Subminiature
M	=	Miniature
I	=	Intermediate
S	=	Standard
HS	=	Heavy-Standard
LH	=	Light-Heavy
H	=	Heavy
EH	=	Extra-Heavy

Installer Controlled Tension and Cut-Off
Recommended usage: under 10,000 ties/year
Typical Applications: MRO or Construction

Cross Section	Tool Part Number – Page B1.91			
	STS2	STH2	ST2EH	STHV
SM				
M	X			
I	X			
S	X	X		
HS		X		
LH		X	X	X
H		X	X	X
EH			X	

Pneumatic

Recommended usage: under 250,000 ties/year
Typical Applications: Medium to high volume tie usage in OEM

Cross Section	Tool Part Number – Page B1.92		
	PTS	PPTS	PTH
SM	X		
M	X		
I	X		
S	X	X	X
HS		X	X
LH		X	X
H		X	X
EH			

Accessories/Kits

	Manual			Pneumatic		
	Part Number	For Tool	Page	Part Number	For Tool	Page
Tool Tension Locking Kits	KGTSTL	GTS, GTSL	B1.93	KPTSTL	PTS, PTH	B1.93
	KGTHTL	GTH	B1.93	TTLK3	PPTS	B1.93
	TTLK3	GS2B, GS4H	B1.93			
Blade Replacement Kits	KGTSBLD	GTS, GTSL	B1.93	KGTSBLD	PTS	B1.93
	KGTHBLD	GTH	B1.93	KPTHBLD	PTH	B1.93
	K2-BLD2	GS2B	B1.93	K2-BLD2	PPTS	B1.93
	K4H-BLD	GS4H	B1.93			
	K4EH-BLD	GS4EH	B1.93			
Gripper Replacement Kits	KST2EHG	ST2EH	B1.93	KPTSG	PPTS	B1.93
Tool Holster	GHH	GTS, GTSL, GS2B, GTH, GS4H, GS4EH, ST2EH	B1.93	GHH	PTS, PPTS, PTH	B1.93
Pneumatic Hose Assy., Filter/Regulator				PPH10	PTS, PPTS, PTH	B1.92
				PL289N1	PTS, PPTS, PTH	B1.92

Cable Tie Tools – Tool Controlled Tension and Cut-Off

GTS

- Used in production, maintenance or construction applications
- Tool controlled tension provides flush cut-off and speeds installation to lower installed cost
- Lightweight and balanced
- Easy to change tension adjustment and easy to operate
- A combination of design, operation and construction features, provides a long service life
- Replacement blades available, see page B1.93
- Requires no special maintenance

Part Number	Used With Cable Ties	Weight		Part Features	Standards	Std. Pkg. Qty.
		oz.	g			
GTS	SM, M, I, S	8.8	249	Ergonomic design with a plastic molded housing and a narrow nose which improves access to bundles in confined areas. Black handle and selector knob.	QPL per Mil. Std. MS90387-1 and Mil. Spec. MIL-T-81306A	1
GTSL	SM, M, I, S	8.8	249	Ergonomic design with a plastic molded housing, a narrow nose which improves access to bundles in confined areas, and a shorter handle reach for users with smaller hands. Maroon handle and selector knob.	QPL per Mil. Std. MS90387-1 and Mil. Spec. MIL-T-81306A	1
GS2B	M, I, S	11.5	327	Metal tool with a durable powder coat finish. Black handle and selector knob.	QPL per Mil. Std. MS90387-1 and Mil. Spec. MIL-T-81306A	1
GTH	S, HS, LH, H	11.2	318	Ergonomic design with a plastic molded housing. Red handle and selector knob.	—	1
GS4H	S, HS, LH, H	16.0	454	Metal tool with a durable powder coat finish. Red handle and selector knob.	QPL per Mil. Std. MS90387-2 and Mil. Spec. MIL-T-81306A	1
GS4EH	LH, H, EH	16.0	454	Metal tool with a durable powder coat finish. Blue handle and selector knob.	—	1

Cable Tie Cross Sections: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Cable Tie Tools – Installer Controlled Tension and Cut-Off

STS2

- Economical series of tools for maintenance or construction applications
- Excellent tools for low volume applications

STS2

STH2

ST2EH

STHV

Part Number	Used With Cable Ties	Color	Weight		Part Features	Std. Pkg. Qty.
			oz.	g		
STS2	M, I, S	Black	2.5	71	Ergonomic handle design, short handle span and top loading feature for right or left handed users.	1
STH2	S, HS, LH, H	Red	2.5	71	Ergonomic handle design, short handle span and top loading feature for right or left handed users.	1
ST2EH	LH, H, EH	Black	16.0	454	Durable all steel construction and comfortable rubber handles.	1
STHV	LH, H	Yellow	12.0	341	Durable all steel construction and “travel stop” to prevent pinched fingers.	1

Cable Tie Cross Sections: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy

Installation Procedure (STS2/STH2/ST2EH):
Install cable tie around bundle and tension tie by squeezing tool handle. Reduce tension slightly and twist tool 1/4" turn either direction to cut off excess cable tie.

Installation Procedure (STHV):
Install cable tie around bundle and tension tie by squeezing tool handle. A separate lever cuts off excess cable tie.

Pneumatic Hand Tools – Tool-Controlled Tension and Cut-Off

PTS

- Pneumatic, push button operation tensions and cuts off excess tie in a fraction of a second
- Durable, lightweight, ergonomic design is easy to operate and designed to reduce operator fatigue
- Easy to change tension adjustment
- Operates on non-lubricated air, without special maintenance

PTS

PPTS

PTH

Part Number	Used With Cable Ties	Weight		Part Features	Std. Pkg. Qty.
		oz.	g		
PTS	SM, M, I, S	17.3	490	Ergonomic design with plastic molded housing and black knob; replacement parts can be part of a scheduled maintenance program.	1
PPTS	M, I, S	15.0	427	Powder coat finish with black knob; replacement parts can be part of a scheduled maintenance program.	1
PTH	S, HS, LH, H	32.0	907	Ergonomic design with plastic molded housing and red knob; replacement parts can be part of a scheduled maintenance program.	1

Note: All tools require the PPH10 hose and PL289N1 Filter / Regulator for proper operation.
Cable Tie Cross Sections: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy

Pneumatic Tool Accessories

PL289N1 / PPH10

Part Number	Used With Installation System	Part Description	Std. Pkg. Qty.
PL289N1	PTS, PPTS, PTH	Filter/Regulator .5 micron element, regulated range 3-100 PSIG, 1/8" ports.	1
PPH10	PTS, PPTS, PTH	10 ft. (3M) Hose Assembly (regulator to tool); includes a 1/8" NPT male connector (to regulator) and 1/8" female quick disconnect fitting (to tool).	1

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Tool Tension Locking Kits

- For applications requiring a locking device to prevent changing the tool tension

KGTHTL

Part Number	Used With Installation Tool	Contents	Std. Pkg. Qty.
KGTSTL	GTS, GTSL	Lockout cap and screw.	1
KGTHTL	GTH	Lockout cap and screw.	1
KPTSTL	PTS, PTH	Lockout cap and screw.	1
TTLK3	GS2B, GS4H, PTS, PPTS	Selection locking clip and screws.	1

Blade Replacement Kits

- Blade replacement kits can be part of a user's scheduled maintenance plan or used when cut-offs are not clean and crisp

KGTSBLD

Part Number	Used With Installation Tool	Contents	Std. Pkg. Qty.
KGTSBLD	GTS, GTSL, PTS	Threadlocker, screw, washer and replacement blade.	1
KGTHBLD	GTH	Threadlocker, screw, washer and replacement blade.	1
K2-BLD2	GS2B, PPTS	Threadlocker, screw and replacement blade.	1
K4H-BLD	GS4H	Threadlocker, screws and replacement blade.	1
K4EH-BLD	GS4EH	Hex wrench, threadlocker, screw, cutter cap and replacement blade.	1
KPTHBLD	PTH	Threadlocker, screw and replacement blade.	1

Gripper Replacement Kits

- Gripper replacement kits can be part of a user's scheduled maintenance plan or when the tie begins slipping in tool

KPTSG

Part Number	Used With Installation Tool	Contents	Std. Pkg. Qty.
KPTSG	PPTS	Hex wrench, gripper pin, spring and tension gripper.	1
KST2EHG	ST2EH	Threadlocker, rivet and gripper assembly.	1

Hand Tool Holster

- Durable leather construction holster with rivets and extra tie-down strap to hold tool in place – easily fits on belt

GHH

Part Number	Used With Installation Tool	Color	Std. Pkg. Qty.
GHH	GTS, GTSL, GTH, GS2B, GS4H, GS4EH, ST2EH, PTS, PPTS, PTH	Black	1

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Notes

Automatic Cable Tie Installation Tools

The complete line of *PANDUIT* automatic installation tools and reel-fed cable ties offers an efficient solution for high volume harnessing, assembly, fastening and packaging applications. Cycle times of less than one second are up to six times faster than a conventional manual cable tie installation. The microprocessor based controller monitors system performance with automatic error detection and reporting through the LCD display, for improved production and reliability.

System Highlights

Three systems built for speed:

- **Installs a cable tie in less than 1 second**
- **Multiple cable tie styles and sizes for maximum productivity**
- **Optional software for advanced system monitoring and performance**

Combined, these innovations improve reliability, maximize productivity and lower installed costs. As with all *PANDUIT* products, quality in design and production along with customer service excellence are assured.

Selection Guide – Automatic Installation Tools and Reel-Fed Cable Ties

Recommended for Annual Usage of over 250,000 Cable Ties/Year
Typical Applications: High Volume OEM/Contract Manufacturing Tie Usage

PAT1M/PAT1.5M Systems

Tool Head for use with MINIATURE Cross Section

Part Number	Description	Page
PAT1M	For miniature cross section up to .82" (21mm) bundle diameter	B1.97
PAT1.5M	For miniature cable ties up to 1.31" (33mm) bundle diameter	B1.97

Dispenser

Part Number	Description	Page
PDM	Stationary Dispenser	B1.97

Transfer Hose

Part Number	Description	Page
PHM1	3.2 ft. (1M) Transfer Hose	B1.98
PHM2	6.5 ft. (2M) Transfer Hose	B1.98
PHM3	10.0 ft. (3M) Transfer Hose	B1.98

Optional System Accessories

Part Number	Description	Page
PDH10-37	Air Hose	B1.98
PL283N1	Filter/Regulator	B1.98
PATMBM	Bench Mount and Foot Pedal	B1.98

Reel-Fed Cable Ties – MINIATURE Cross Section

Part Number	Description	Color	Page
Barbed Tie – Max. Bundle Dia.: .82" (21mm), 30 Lbs.			
BT1M-XMR	Nylon 6.6	Natural	B1.100
BT1M-XMR0	Weather Resistant Nylon 6.6	Black	B1.100
BT1M-XMR30	Heat Stabilized Nylon 6.6	Black	B1.100
Barbed Tie – Max. Bundle Dia.: 1.31" (33mm), 30 Lbs.			
BT1.5M-XMR	Nylon 6.6	Natural	B1.100
BT1.5M-XMR0	Weather Resistant Nylon 6.6	Black	B1.100
BT1.5M-XMR30	Heat Stabilized Nylon 6.6	Black	B1.100
***PAN-TY*® Cable Tie – Max. Bundle Dia.: 82" (21mm), 18 Lbs.**			
PLT1M-XMR	Nylon 6.6	Natural	B1.100
PLT1M-XMR0	Weather Resistant Nylon 6.6	Black	B1.100
PLT1M-XMR30	Heat Stabilized Nylon 6.6	Black	B1.100
PLT1M-XMR00	Weather Resistant Nylon 6.6 (Meets Mil Spec)	Black	B1.100
***PAN-TY*® Cable Tie – Max. Bundle Dia.: 1.31" (33mm), 18 Lbs.**			
PLT1.5M-XMR	Nylon 6.6	Natural	B1.100
PLT1.5M-XMR0	Weather Resistant Nylon 6.6	Black	B1.100
PLT1.5M-XMR30	Heat Stabilized Nylon 6.6	Black	B1.100

PAT2S System

Tool Head for use with STANDARD Cross Section

Part Number	Description	Page
PAT2S	For standard cross section up to 2.00" (51mm) bundle diameter	B1.97

Dispenser

Part Number	Description	Page
PDS	Stationary Dispenser	B1.97

Transfer Hose

Part Number	Description	Page
PHS2	6.5 ft. (2M) Transfer Hose	B1.98
PHS3	10.0 ft. (3M) Transfer Hose	B1.98

Dispenser Frame

Part Number	Description	Page
PDSF	Dispenser Frame	B1.98

Optional System Accessories

Part Number	Description	Page
PDH10-37	Air Hose	B1.98
PL283N1	Filter/Regulator	B1.98
PAT2SBM	Bench Mount and Foot Pedal	B1.98

Reel-Fed Cable Ties – STANDARD Cross Section

Part Number	Description	Color	Page
***PAN-TY*® Cable Tie – Max. Bundle Dia.: 2.00" (51mm), 50 Lbs.**			
PLT2S-VMR	Nylon 6.6	Natural	B1.100
PLT2S-VMR30	Heat Stabilized Nylon 6.6	Black	B1.100

System Selection Guide

Maximum Bundle Dia.		Tool Head	Dispenser/Frame	Transfer Hose	Reel-Fed Cable Ties
In.	mm				
.82	21	PAT1M	PDM	PHM1, PHM2, PHM3	BT1M-XMR, PLT1M-XMR
1.31	33	PAT1.5M	PDM		BT1.5M-XMR, PLT1.5M-XMR
2.00	51	PAT2S	PDS/PDSF	PHS2, PHS3	PLT2S-VMR

Tool Head – Three sizes accommodate a wide variety of applications

- Ergonomic, lightweight design reduces operator fatigue and repetitive motion injuries – no counter balance required
- Right or left hand operation
- Durable, one-piece cable tie tip collector (for cut-off tips)
- Includes tension adjustment
- Built-in safety interlock prevents false triggering if anything obstructs jaw path

PAT1M

PAT1.5M

PAT2S

	Part Number	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Used With Cable Ties	Std. Pkg. Qty.
	PAT1M	.82	21	PLT1M-XMR, BT1M-XMR	1
	PAT1.5M	1.31	33	PLT1.5M-XMR, BT1.5M-XMR	1
NEW!	PAT2S	2.00	51	PLT2S-VMR	1

Dispenser

- Microprocessor based controller monitors system performance through LCD display; provides production data and reporting, including error detection and cycle count for improved reliability
- On-line HELP menu through LCD display in five languages (English, Spanish, German, Italian or French), is user-friendly for quick and simple training

PDM

PDS

	Part Number	Used With Tool Head	Description	Std. Pkg. Qty.
	PDM	PAT1M, PAT1.5M	Stationary dispenser with electronic display. Online help menu through LCD display; multi-language; alarm sounds if error occurs. The system operates on 65 psig. (minimum) non-lubricated, filtered air and 100-240 VAC/50 or 60 Hz – automatically adjusts within this range.	1
NEW!	PDS	PAT2S		1

Transfer Hose

PHM3

	Part Number	Used With Tool Head	Description	Length ft	Length M	Std. Pkg. Qty.
	PHM1	PAT1M, PAT1.5M	Transfers cable tie and signal from dispenser to tool head; electrical connectors designed for easy attachment provide a reliable, secure connection.	3.2	1	1
	PHM2	PAT1M, PAT1.5M		6.5	2	1
	PHM3	PAT1M, PAT1.5M		10.0	3	1
NEW!	**PHS2**	PAT2S		6.5	2	1
NEW!	**PHS3**	PAT2S		10.0	3	1

Dispenser Frame

PDSF

	Part Number	Used With Dispenser	Description	Std. Pkg. Qty.
NEW!	**PDSF**	PDS (PAT2S)	Metal frame supports the PDS dispenser above the cable tie reel as ties are loaded into dispenser; can be used as a free-standing unit or permanently mounted to a bench or cart.	1

Optional System Accessories:

Filter/Regulator and Air Supply Hose

PL283N1

PDH10-37

Part Number	Used With Dispenser	Description	Std. Pkg. Qty.
PL283N1	PDM, PDS	Regulates air flow to dispenser. Filter/regulator 25 micron (max.) element, 3/8" ports. Includes a male connector and a 3/8" port.	1
PDH10-37	PDM, PDS	Air hose from filter/regulator to dispenser 10.0 ft. (3M) – includes standard air fittings.	1

Bench Mount

PATMBM

	Part Number	Used With Tool Head	Description	Std. Pkg. Qty.
	PATMBM	PAT1M, PAT1.5M	Allows hands-free operation for high volume usage Bench mount fixture assembly consists of (1) each bench mount fixture and foot pedal assembly.	1
NEW!	**PAT2SBM**	PAT2S		1

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

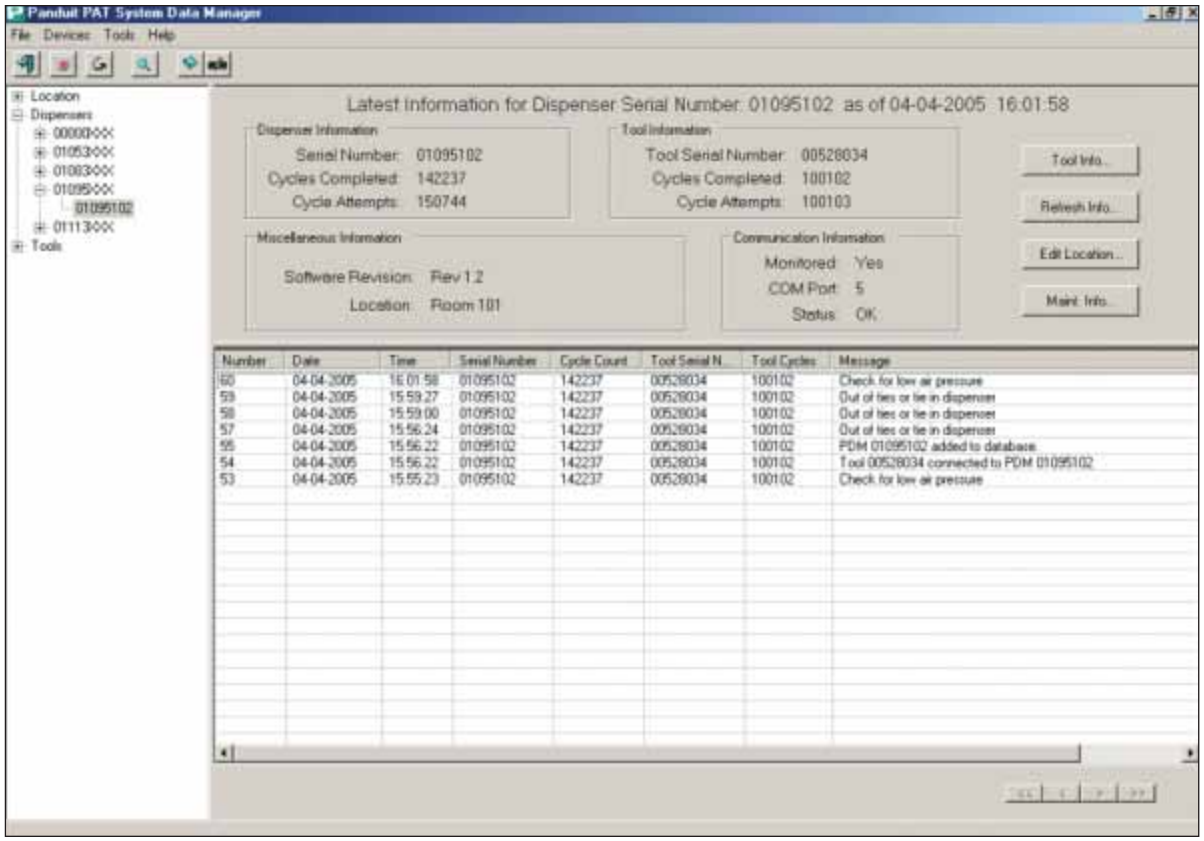
Optional System Accessories (continued):

Ethernet Enabled Dispenser and Data Interface Software

- Records production information, such as cycle counts and serial numbers; allows user to measure and track performance through an RJ45 connection
- Maintains and "exportable" electronic log of messages and maintenance; allows performance tracking and ensures proper maintenance has been completed to minimize downtime
- Provides email support with ability to send email notifications for specific messages (i.e. tool requires routine maintenance); proactive communication/ increases productivity

Part Number	Description	Std. Pkg. Qty.
PDM-DI	Ethernet enabled PDM dispenser and data interface software.	1
PDS-DI	Ethernet enabled PDS dispenser and data interface software.	1
PD-DIA	Data interface accessory for existing PDM, PDS dispensers; software and network interface card.	1

Screen Capture – Dispenser Information



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NEW! BT-XMR Reel-Fed Cable Ties

- Continuously molded cable ties (5,000 ties/reel) provide continuous feeding for high productivity and reduced downtime due to fewer reel changes
- Exclusive stainless steel locking barb with 30 lbs. loop tensile strength in Miniature cross section provides higher reliability for demanding applications

Part Number	Tie Style	Material	Color	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Length In.	Length mm	Width In.	Width mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Std. Ctn. Qty.
Reel-Fed Cable Ties for PAT1M System												
BT1M-XMR	Barbed	Nylon 6.6	Natural	.82	21	4.0	102	.100	2.5	30	133	10000
BT1M-XMR0		Weather Resistant Nylon 6.6	Black									10000
BT1M-XMR30		Heat Stabilized Nylon 6.6	Black									10000
Reel-Fed Cable Ties for PAT1.5M System												
BT1.5M-XMR	Barbed	Nylon 6.6	Natural	1.31	33	5.6	142	.100	2.5	30	133	10000
BT1.5M-XMR0		Weather Resistant Nylon 6.6	Black									10000
BT1.5M-XMR30		Heat Stabilized Nylon 6.6	Black									10000

PLT-XMR Reel-Fed Cable Ties

- Continuously molded cable ties (5,000 ties/reel) provide continuous feeding for high productivity and reduced downtime due to fewer reel changes
- All nylon locking ties with 18 lbs. loop tensile strength in Miniature cross section

Part Number	Tie Style	Material	Color	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Length In.	Length mm	Width In.	Width mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Std. Ctn. Qty.
Reel-Fed Cable Ties for PAT1M System												
PLT1M-XMR	One-piece	Nylon 6.6	Natural	.82	21	4.0	102	.100	2.5	18	80	10000
PLT1M-XMR0		Weather Resistant Nylon 6.6	Black									10000
PLT1M-XMR30		Heat Stabilized Nylon 6.6	Black									10000
PLT1M-XMR00‡		Weather Resistant Nylon 6.6	Black									10000
Reel-Fed Cable Ties for PAT1.5M System												
PLT1.5M-XMR	One-piece	Nylon 6.6	Natural	1.31	33	5.6	142	.100	2.5	18	80	10000
PLT1.5M-XMR0		Weather Resistant Nylon 6.6	Black									10000
PLT1.5M-XMR30		Heat Stabilized Nylon 6.6	Black									10000

‡Military grade Weather Resistant material.

NEW! PLT-VMR Reel-Fed Cable Ties

- Continuously molded cable ties (2,500 ties/reel) provide continuous feeding for high productivity and reduced downtime due to fewer reel changes
- All nylon locking ties with 50 lbs. loop tensile strength in Standard cross section for larger bundles up to 2" diameter

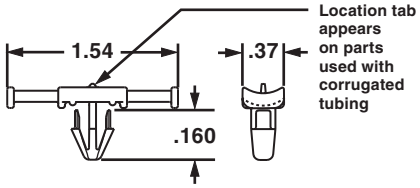
Part Number	Tie Style	Material	Color	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Length In.	Length mm	Width In.	Width mm	Min. Loop Tensile Str. Lbs.	Min. Loop Tensile Str. N	Std. Ctn. Qty.
Reel-Fed Cable Ties for PAT2S System												
PLT2S-VMR	One-piece	Nylon 6.6	Natural	2.00	51	8.1	206	.190	4.8	50	222	5000
PLT2S-VMR30		Heat Stabilized Nylon 6.6	Black									5000

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Tie Harness Mounts – Nylon and Heat Stabilized Nylon 6.6

- Designed to be attached to the wire harness during assembly
- Cable ties can be installed by hand or with *PANDUIT* automatic cable tie tools
- Used with harness board standoff posts, see page B2.44
- Available with or without corrugated tubing location tab
- Natural Nylon material for indoor use
- Heat Stabilized Nylon material (30) for high temperature applications – indoor use

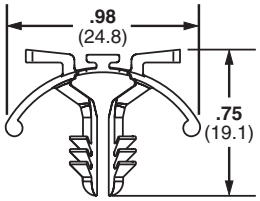


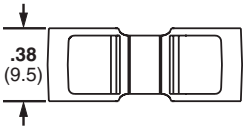
Part Number	Used With Cable Ties	Maximum Panel Thickness In.	Maximum Panel Thickness mm	Panel Hole Diameter In.	Panel Hole Diameter mm	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
FOR CORRUGATED TUBING – A location tab on the mount shelf aligns with the corrugated tubing grooves to ensure proper mount location during assembly										
THMSP20-C	M, I, S	.160	4.1	.244 – .283	6.2 - 7.2	Nylon 6.6	Natural	Push Barb	100	1000
THMSP20-C30	M, I, S	.160	4.1	.244 – .283	6.2 - 7.2	Heat Stabilized Nylon 6.6	Black	Push Barb	100	1000
THMSP25-C	M, I, S	.230	5.8	.244 – .283	6.2 - 7.2	Nylon 6.6	Natural	Push Barb	100	1000
THMSP25-C30	M, I, S	.230	5.8	.244 – .283	6.2 - 7.2	Heat Stabilized Nylon 6.6	Black	Push Barb	100	1000
FOR DISCRETE WIRING – No location tab										
THMSP20F-C	M, I, S	.160	4.1	.244 – .283	6.2 – 7.2	Nylon 6.6	Natural	Push Barb	100	1000
THMSP20F-C30	M, I, S	.160	4.1	.244 – .283	6.2 – 7.2	Heat Stabilized Nylon 6.6	Black	Push Barb	100	1000
THMSP25F-C	M, I, S	.230	5.8	.244 – .283	6.2 – 7.2	Nylon 6.6	Natural	Push Barb	100	1000
THMSP25F-C30	M, I, S	.230	5.8	.244 – .283	6.2 – 7.2	Heat Stabilized Nylon 6.6	Black	Push Barb	100	1000

Cable tie cross sections: M = Miniature, I = Intermediate and S = Standard.

Tie Harness Mount for Single Cable Tie – Nylon and Heat Stabilized Nylon 6.6

- Secured with only one cable tie
- Cable ties can be installed by hand or with *PANDUIT* automatic cable tie tooling
- Wing design provides added stability
- Natural Nylon material for indoor use
- Heat Stabilized material for high temperature applications – indoor use





Part Number	Used With Cable Ties	Maximum Panel Thickness		Panel Hole Diameter		Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm				
Nylon 6.6									
THM1SC-C	M, I, S	.135	3.4	.250	6.4	Natural	Tree Barb	100	1000
Heat Stabilized Nylon 6.6									
THM1SC-C30	M, I, S	.135	3.4	.250	6.4	Black	Tree Barb	100	1000

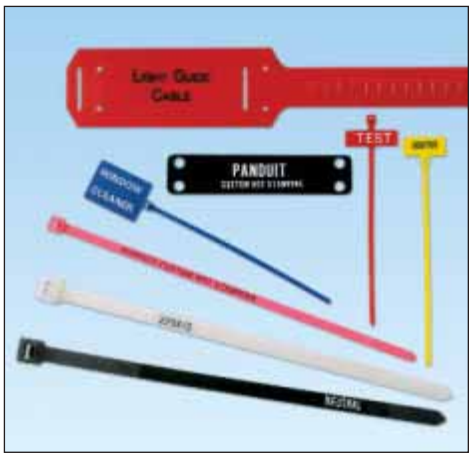
Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Hot Stamping Service

Custom Printed Cable Ties



Custom Hot Stamping Service provides a permanent, high quality imprinted message on *PANDUIT* cable ties. Graphics, text, numbers and colors provide a variety of choices for customization.

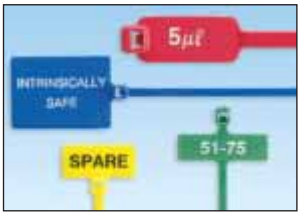
Hot stamped cable ties are typically used for identification, or for labeling critical components. *PANDUIT* cable ties, marker ties, marker plates and marker straps are available to suit your application.

Your choice of:

- Seven text colors
- A variety of characters and fonts
- Sequential numbering
- Special customer logos and diagrams

FAST! TWO WEEK LEAD TIME
Minimum order: 5,000 pieces per part number and message
For Hot Stamping Orders and Inquiries, please call: 1-800-777-3300

Cable Ties
– Used wherever you need to bundle wire, cable, hose or tubing
– A variety of colors for color-coding applications
– Cross sections: Intermediate, Standard, Heavy-Standard, Light-Heavy, Heavy and Extra-Heavy



Marker and Flag Ties
– Fasten and identify bundles at the same time
– A variety of colors for color-coding applications
– Cross sections: Miniature and Standard

Marker Plates
– Mount in any direction, either vertically or horizontally as flags, tags or wrap-around identification plates
– White or Weather Resistant Black color
– Marker Plate sizes:
  - 1.50" x .75"
  - 1.75" x .75"
  - 2.00" x .75"
  - 2.50" x .75"
  - 3.50" x .75"
  - 2.50" x 1.75"

Cable Marker Straps
– Identify and code telephone and fiber optic cable – replaces costly and cumbersome lead marking tags
– Lightweight and easy to install
– Can be used as wrap-around or flag marker
– Also can be used in underground identification applications
– Polyethylene material available in red and gray
– Marking area: 1.50" x 2.62"

PANDUIT Cable Tie Approvals

Logo (Symbol)	Agency	Spec/Approval	Requirement	Applicable Products
c UL us c TÜV us LISTED	Underwriters Laboratories, Inc.	File E56854 and MH29590	ZODZ(7), ZODZ(8), ALKW	Most miniature, intermediate, standard, light-heavy and heavy cross section ties are Recognized or Listed in the US and Canada
C SA US	Canadian Standards Association	File 031212	C22.2 No. 18.5-02 under the category "Fittings – Positioning Devices"	Most miniature, intermediate, standard, light-heavy and heavy cross section ties are Recognized or Listed in the US and Canada
CE EN50146	Conformity European	Low Voltage Directive 73/23/EEC (amended 93/68/EEC). *Pan-Ty*® and *Dome-Top*® Barb Ty cable ties also meet the requirements from EN50146	CE Marking is required for products sold within the European Union. CE Marking Directives specify the minimum performance of these products. Applying the CE mark signifies compliance with essential requirements of specific directives.	All cable tie products
ABS TYPE APPROVAL PROGRAM	ABS (American Bureau of Shipping)	05-HS463235-PDA	2005 Vessel Rules 1-1-4/7.7, 4-8/421.9.3 2001 MODU Rules 4-3-3/5.9.1	PLT Series, BT Series
	Bureau Veritas	1178B/BVN/04	Bureau Veritas Rules for the Classification of Steel Ships	PLT Series, BT Series, PRT Series, CBR Series
	Det Norske Veritas	E-6405	Det Norske Veritas' Rules for Classification of Ships and Mobile Offshore Units	PLT Series, PLC Series, PLM Series, PRT Series, PLWP Series, PRWP Series, PRST Series
	Germanischer Lloyd	30562-83HH, 32666-83HH, 51796-89HH, 98731-96HH	Germanischer Lloyd Approval	PLT Series, BT Series
	Germany (VG) Military	K17/96066	VG 95 387 – 100 MS 3367F	PLT Series, BT Series, SST Series
	Korean Register of Shipping	NYK06431-EL001, EL002, EL003	Type Approval for the Rules for Classification of Steel Ships	PLT Series, BT Series, Mounts
	Lloyd's Register of Shipping	89/0111 (E1)	Lloyd's Register Type Approval	PLT Series,BT Series, SST Series
	NRC (Nuclear Regulatory Commission)	NRC 10CFR50	Quality Assurance Criteria for Nuclear Plants and Reprocessing Plants	All cable tie products
	Nippon Kaiji Kyokai	85VZ004B, 85BZ005B, 85VZ006B	Nippon Kaiji Kyokai Type Approval	PLT2H-12H, PLT2EH-12EH, PRT2EH-12EH, SST2H-8H
PLENUM P RATED	Plenum-Rated	*PANDUIT* logo	*PANDUIT* symbol indicates that the cable ties represented are suitable for use in plenum or air handling spaces in accordance with Sec. 300.22(C) and (D) of the National Electrical Code and Rules 12-010 (3), (4) and (5) and 12-020 of the Canadian Electrical Code, Part I.	Halar (702Y) and select Nylon 6.6 cable ties as noted throughout catalog
	QS-9000	A2269	Quality system requirements to the automotive groups	All cable tie products
	US Military Aerospace Standard	QPL-AS23190-2	SAE spec AS23190	See Military Cross Reference Page B1.105

Military Cross Reference

The *PANDUIT* Cable Ties and Marker Ties listed in the tables below meet all of the testing requirements of Aerospace Standard SAE-AS23190A (formerly MIL-S-23190E) and the dimensional requirements of Aerospace Standards SAE-AS33671 (formerly MS3367) and SAE-AS33681 (formerly MS3368).

Color Chart

	Color	Black‡	Brown	Red	Orange	Yellow	Green	Blue	Purple	Gray	Natural
*	MS3367, MS3368, Color No.	0	1	2	3	4	5	6	7	8	9
**	*PANDUIT* Color No.	00	1	2	3	4Y	5	6	7	8	None

‡Weather Resistant per ASTM D 4066-94B

Cable Ties

Current Mil. Std. Part Number	*PAN-TY*® Cable Tie Part Number	*DOME-TOP*® Barb Ty Cable Tie Part Number	*STA-STRAP*® Cable Tie Part Number	*BELT-TY*™ In-Line Cable Tie Part Number
MS3367-1-*	PLT2S-**	BT2S-**	SST2S-**	—
MS3367-2-*	PLT4S-**	BT4S-**	SST4S-**	—
MS3367-3-*	PLT4H-**	BT4LH-**	SST4H-**	—
MS3367-4-*	PLT.7M-**	—	—	—
MS3367-4-*	PLT1M-**	BT1M-**	SST1M-**	—
MS3367-5-*	PLT1.5I-**	BT1.5I-**	SST1.5I-**	—
MS3367-6-*	PLT8LH-**	BT8LH-**	SST8H-**	—
MS3367-6-*	—	BT9LH-**	—	—
MS3367-7-*	PLT3S-**	BT3S-**	SST3S-**	—
MS3367-23-*	—	—	—	ILT2S-**
MS3367-24-*	—	—	—	ILT4S-**
MS3367-25-*	—	—	—	ILT4LH-**
MS3367-26-*	—	—	—	ILT1M-**
MS3367-27-*	—	—	—	ILT1.5I-**
MS3367-29-*	—	—	—	ILT3S-**

Marker Ties

Current Mil. Std. Part Number	*PAN-TY*® Cable Tie Part Number	*DOME-TOP*® Barb Ty Cable Tie Part Number	*STA-STRAP*® Cable Tie Part Number
MS3368-1-*A	PLM2S-**	BM2S-**	—
MS3368-1-*B	—	—	SSM2S-**
MS3368-2-*A	PLM4S-**	BM4S-**	—
MS3368-2-*B	—	—	SSM4S-**
MS3368-3-*C	PL2M2S-**	B2M2S-**	—
MS3368-4-*D	PL3M2S-**	B3M2S-**	—
MS3368-5-*E	PLM1M-**	BM1M-**	—

The *PANDUIT* Installation Tools listed in the table below meet all the testing requirements of MIL-T-81306 and the dimensional requirements of MS90387.

Installation Tools

Current Mil. Std. Part Number	Tool Part Number
MS90387-1	GTS, GS2B
MS90387-2	GS4H
MS90387-3	GS4MT

Cable Tie Selection and Specification Guidelines

Selecting the Proper Cable Tie Material for Your Application

By using this information as a guide, the user will be better equipped to select the best suited cable tie and material to perform its intended function over a long period of time.

For long life and dependable service, there are many factors to consider when selecting the proper cable tie for each application. Since it is impossible for *PANDUIT* to provide data on all the various combinations of conditions which may arise, it is suggested that this data be used as a guide. Sample cable ties should be tested under actual end-use conditions to determine the correct cable tie for the application.

To select the optimum cable tie for a specific application, the following table can be used as a quick reference. First, determine the most critical design criteria and then read across the table to find which material is most suitable to meet this need (10 = Most Suitable, 1 = Least Suitable). Next, review the other criteria by scanning in a vertical direction on the chart and then make your final selection.

Design Criteria	Nylon 6.6, Natural	Weather Resistant Nylon 6.6, Black	Heat Stabilized Nylon 6.6, Black	Heat Stabilized Nylon 6.6, Natural	Heat Stabilized Weather Resistant Nylon 6.6, Black	Flame Retardant Nylon 6.6, Black	Flame Retardant Nylon 6.6, Ivory	Weather Resistant Nylon 12, Black	Polypropylene, Green	Weather Resistant Polypropylene, Black	TEFZEL ■, Aqua Blue	HALAR ▲, Maroon	Weather Resistant Acetal, Black	Stainless Steel ***
Part Number Suffix Material Designation	None	0	30	39	300	60	69	120	109	100	76	702Y	N/A	N/A
Loop Tensile Strength	7	7	7	7	7	7	7	6	5	5	7	5	9	10
Low Temperature Service	6	6	6	6	6	5	5	6	6	6	7	7	6	10
High Temperature Service	5	5	6	6	6	5	5	5	5	5	8	7	3	10
Flammability	6	6	6	6	6	8	8	3	2	2	9	9	2	10
Ultraviolet Resistance	1	6	4	1	6	1	1	7	1	6	9	9	9	10
Radiation Resistance	3	3	3	3	3	3	3	4	5	5	9	9	3	10
Overall Chemical Resistance	6	6	6	6	6	6	6	8	8	8	10	10	5	9
– Hydrocarbons	9	9	9	9	9	9	9	9	6	6	10	10	9	10
– Chlorinated Hydrocarbons	7	7	7	7	7	7	7	8	5	5	10	10	8	10
– Acids	2	2	2	2	2	2	2	6	9	9	10	10	2	10
– Bases	7	7	7	7	7	7	7	7	9	9	10	10	2	8
– Salts	3	3	3	3	3	3	3	8	10	10	10	10	4	9
Relative Price	Low	Low	Low	Low	Med	Med	Med	Med	Med	Med	High	High	Med	High

Example No. 1

Application	Selection
The application requires high radiation (2 x 10^8 rads) resistance and excellent resistance to hydrocarbons.	The best choice is TEFZEL■, HALAR▲ or Stainless Steel***. The price is higher than other materials, but all have high ratings in resistance to radiation and hydrocarbons.

Example No. 2

Application	Selection
The application requires a low cost material, good ultraviolet resistance and good resistance to acid rains.	The best choice is Weather Resistant Polypropylene. Price is medium, the UV rating is 6, and the acid resistance rating is 9.

■TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.
▲HALAR is a registered trademark of Solvay Solexis, Inc.
***See page B3.26 for chemical resistance of 304 and 316 stainless steel.

Weathering

Over a period of time, ultraviolet light (a component of sunlight) attacks most plastic materials and reduces their properties by breaking the molecular chain. The material breakdown is accompanied by reductions in tensile strength and elongation, increased brittleness, color changes and loss of surface gloss.

Carbon black, which is used in *PANDUIT* nylon and polypropylene cable ties, is one of the most effective stabilizers known today. A uniform dispersion of carbon black provides good ultraviolet light resistance without adversely affecting physical properties. The addition of carbon black, or any other ultraviolet light stabilizer, prolongs the useful outdoor life of plastic products, but it does not totally eliminate the destructive effects of the light. Some plastics, such as TEFZEL■ or HALAR▲, are intrinsically very resistant to ultraviolet light and do not require stabilizing additives.

Weathering Test Methods

In order to monitor the effects of ultraviolet light and the effectiveness of ultraviolet stabilizers, *PANDUIT*, in conformance with industry standards, adopted two methods of weatherability testing: Outdoor Aging and Accelerated Weather Aging.

Outdoor Aging

The Outdoor Aging method is probably the best and most realistic method of the two. It is conducted in accordance with ASTM D 1435 Standard Practice for Outdoor Weathering of Plastics, and allows the material to be affected by not only ultraviolet light, but by all other outdoor elements as well. Although this may more closely approximate an actual application, two drawbacks do exist. The period of time required to produce property decay and material failure may be quite long, and varying adverse chemical environments cannot be tested.

Accelerated Weather Aging

Accelerated weathering tests are conducted to estimate the rate of degradation due to a combination of ultraviolet light, temperature and moisture. The methods used are in accordance with the following standards:

- ASTM D 1499, Operating Light and Water Exposure Apparatus (Carbon-Arc type) for exposure to plastics
- ASTM G 154-04, Operating Light and Water Exposure (Fluorescent UV Condensation type) for exposure of non-metallic materials

The condition specified in ASTM D 1499 utilizes a water spray and a carbon arc to simulate natural sunshine. The test chamber is operated 20 hrs/day with a two-hour cycle of 108 minutes of simulated sunshine and 12 minutes of sunshine and water spray. The temperature of a black body inside the chamber is approximately 63°C (145°F) during the “Sunshine Only” portion of the cycle. Humidity is not controlled inside the chamber.

The test chamber per ASTM G 154-04 uses fluorescent sun lamps to generate ultraviolet light only. A heated water pan produces condensation during a portion of the cycle. The daily cycle is composed of 20 hours of light followed by 4 hours of condensation. Black body temperatures during the light cycle are 50°C (122°F) and 40°C (104°F) during the condensation cycle.

PANDUIT has also designed a special chamber, which is used to simulate the effect of acid rain and ultraviolet light on cable tie materials. The effects of other common chemicals, such as road salt, are also evaluated in this chamber.

These methods are effective in quickly determining the ultraviolet light resistance of the various cable tie materials, but it must be emphasized that there are no exact correlations between accelerated aging and actual outdoor exposure.

■TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.
▲HALAR is a registered trademark of Solvay Solexis, Inc.

Weathering (continued)

Material Failure Testing

Property decay can lead to three different modes of failure: loss of strength, loss of toughness or change in appearance. The critical mode for any given application would depend upon the application and the requirements it places upon the material itself.

Loss of strength is monitored by tensile testing samples of the material before and after it has been weathered. This test will reveal the decreasing strength accompanied by extended weathering.

Loss of toughness can be monitored by measuring changes in elongation and impact strength. As ultraviolet light exposure time increases and the material becomes brittle, its elongation and impact strength are greatly reduced. It is important to note that brittle failures can occur even when the tensile strength shows no change.

Although change in appearance is normally not a failure mode for cable ties, the plastic does tend to discolor and lose its surface gloss as exposure increases. These changes can be measured by color difference using Adams units, which are similar to National Bureau of Standard units.

PANDUIT has its own weathering test program to determine estimated life of various cable tie materials. This includes examining many previously aged samples obtained throughout the world.

In all cases, the amount of property decay increased with increasing exposure to ultraviolet light. The principal signs of degradation were found to be brittleness, cracking and loss of surface gloss. It was also determined that the time for failure to occur was shorter than indicated from industry tests performed on material samples. This discrepancy is in part due to the fact that cable ties were tested in an end use, stressed condition, while most plastic resin suppliers conduct weathering tests using unstressed test bars.

Four cable tie materials (TEFZEL■, HALAR▲, Weather Resistant ACETAL and Stainless Steel) have superior ultraviolet light resistance.

Determining the outdoor life expectancy of any material is difficult since there are other factors, besides ultraviolet light stability, which have to be considered. These factors are listed below and should be considered before specifying a cable tie material.

Table A – External Factors That Affect the Life of a Cable Tie

Factor	Effect on Cable Tie Life
Chemicals	Applications which have chemicals present can reduce the life of a tie. **This is the most detrimental factor to the life of a tie.**
Bundle Diameter	As the bundle diameter is reduced, the tie has more bending stress. A thick strap on a small bundle diameter has more stress.
Loading	If the tie is under high loading, this will add additional stress on the tie body.
Thickness	A thinner tie will have a decreased life since surface cracks will penetrate the thickness of the tie faster.
Vibration	Applications with high vibrations will cause impact, which will propagate any surface cracks.
Degree of Exposure	No shield or shade, southern exposure, higher altitudes and high temperatures decrease the life of a cable tie.
Moisture	High humidity plus high temperature can result in degradation due to hydrolysis in nylon.
Galvanized Metals	Acid rain and acid moisture acting on galvanized metals releases chemicals known to attack Nylon 6.6.

Weathering Life Expectancy	
Materials (P/N Suffix)	**Years‡**
Polypropylene, Green (109)	1
Nylon 6.6, Natural	1-2
Flame Retardant Nylon 6.6, Black (60)	1-2
Flame Retardant Nylon 6.6, Ivory (69)	1-2
Heat Stabilized Nylon 6.6, Natural (39)	1-2
Weather Resistant Polypropylene, Black (100)	7-9
Heat Stabilized Nylon 6.6, Black (30)	7-9
Weather Resistant Nylon 6.6, Black (0 and 00)	7-9
Heat Stabilized Weather Resistant Nylon 6.6, Black (300)	7-9
Weather Resistant Nylon 12, Black (120)	12-15
TEFZEL■, Aqua Blue (76)	>15
HALAR▲, Maroon (702Y)	>15
Weather Resistant Acetal, Black	>20
Stainless Steel	>30

‡Based on the assumption of minimum loading, no chemical attack and impact-free conditions.

■TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.

▲HALAR is a registered trademark of Solvay Solexis, Inc.

Flammability

Flammability

A number of test procedures have been developed which can be used for the evaluation and comparison of various materials to support combustion.

UL94 Vertical Burning Test

Samples of a material, with dimensions 127mm by 12.7mm and the thickness of the intended end use product, are tested in an unaged “as manufactured” state and in an aged state (7 days at 158°F, 70°C). The test requires the placement of a precisely controlled flame under a vertically supported specimen for a 10 second period. The controlled flame is removed and the duration of flaming combustion of the specimen is recorded. When the flaming combustion of the specimen extinguishes, it is immediately subjected to an additional controlled flame exposure. After the additional 10 seconds of exposure, the controlled flame is removed, and the duration of flaming combustion of the specimen is recorded. A piece of surgical cotton is placed under the specimen. If drips ignite the cotton, this fact is also recorded.

Materials Classed 94V-0

Requirements:

- None of the specimens will burn with flaming combustion for more than 10 seconds after either application of the controlled flame
- The total flaming combustion time will not exceed 50 seconds for the 10 controlled flame applications (two controlled flame applications for each of the five specimens)
- None of the specimens will burn with flaming or glowing combustion up to the holding clamp
- None of the specimens will drip flaming particles that ignite the dry absorbent surgical cotton located 12" (305mm) below the test specimen
- None of the specimens will exhibit glowing combustion that persists for more than 30 seconds after the second removal of the controlled flame

Materials Classed 94V-1

Requirements:

- None of the specimens will burn with flaming combustion for more than 30 seconds after either application of the controlled flame
- The total flaming combustion time will not exceed 250 seconds for the 10 controlled flame applications (two controlled flame applications for each of the five specimens)
- None of the specimens will burn with flaming or glowing combustion up to the holding clamp
- Specimens may drip flaming particles which burn only briefly, and may not ignite the dry absorbent surgical cotton located 12" (305mm) below the test specimen
- None of the specimens will exhibit glowing combustion that persists for more than 60 seconds after the second removal of the controlled flame

Materials Classed 94V-2

Requirements:

- None of the specimens will burn with flaming combustion for more than 30 seconds after either application of the controlled flame
- The total flaming combustion time will not exceed 250 seconds for the 10 controlled flame applications (two controlled flame applications for each of the five specimens)
- None of the specimens will burn with flaming or glowing combustion up to the holding clamp
- Specimens may drip flaming particles which burn only briefly, and may ignite the dry absorbent surgical cotton placed 12" (305mm) below the test specimen
- None of the specimens will exhibit glowing combustion that persists for more than 60 seconds after the second removal of the controlled flame

Flammability (continued)

ASTM D 635

Samples of a material, with dimensions 125mm by 12.5mm and the thickness of the intended end use product, are tested in an unaged "as manufactured" state. A precisely controlled flame is applied to the specimen and a stopwatch is started. The flame is applied for 30 seconds. The stopwatch is stopped when burning or glowing combustion ceases or when the flame has proceeded to a mark 100mm from the free end. Ten specimens are tested. If any of the specimens burn to the 100mm mark, an additional ten specimens are tested.

Burning Rate

- If two or more specimens have burned to the 100mm mark then Average Burning Rate (cm/min.) shall be reported as the average of the burning rates of all specimens which have burned to the 100mm mark

Average Time of Burning and Average Extent of Burning

- Average time of burning and average extent of burning of the sample shall be reported if none of the ten samples or no more than one of the twenty specimens have burned to the 100mm mark

- Average Time of Burning (ATB):

$$ATB,\ s = \frac{\sum_0^N [time(sec) - 30(sec)]}{N}$$

N = Number of Specimens Tested

Rounded to the nearest 5 seconds

- Average Extent of Burning (AEB):

$$AEB,\ mm = \frac{\sum_0^N [10(mm) - unburned\ length(mm)]}{N}$$

N = Number of Specimens Tested

Rounded to the nearest 5mm

Table B – Flammability Ratings

Materials	P/N Suffix	UL94	ASTM D 635
Nyon 6.6, Natural	None	94V-2 @ .71mm	AEB = 20mm ATB = 5 seconds
Weather Resistant Nylon 6.6, Black	00	94V-2 @ .71mm	AEB = 20mm ATB = 5 seconds
Weather Resistant Nylon 6.6, Black‡	0	94V-2 @ .71mm	AEB = 20mm ATB = 5 seconds
Heat Stabilized Nylon 6.6, Black	30	94V-2 @ .71mm	AEB = 20mm ATB = 5 seconds
Heat Stabilized Nylon 6.6, Natural	39	94V-2 @ .71mm	AEB = 20mm ATB = 5 seconds
Heat Stabilized Nylon 6.6, Black	300	94V-2 @ .71mm	AEB = 20mm ATB = 5 seconds
Flame Retardant Nylon 6.6, Black	60	94V-0 @ .81mm	AEB = 15mm ATB = <5 seconds
Flame Retardant Nylon 6.6, Ivory	69	94V-0 @ .81mm	AEB = 15mm ATB = <5 seconds
Weather Resistant Nylon 12, Black	120	Not recognized	Avg. Burning Rate 1.6cm/min.
Polypropylene, Green	109	Not recognized	Avg. Burning Rate 2cm/min.
Weather Resistant Polypropylene, Black	100	94 HB @ .94mm	Avg. Burning Rate 2cm/min.
TEFZEL■, Aqua Blue	76	94V-0 @ 1.5mm	AEB = 15mm ATB = <5 seconds
HALAR▲, Maroon	702Y	94V-0 @ .18mm	AEB = 15mm ATB = <5 seconds
Weather Resistant Acetal, Black	N/A	94 HB @ 1.5mm	Avg. Burning Rate 2.8cm/min
Stainless Steel	N/A	N/A	N/A

‡UL Recognized cable ties meet stated ratings.

■TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.

▲HALAR is a registered trademark of Solvay Solexis, Inc.

Radiation/Moisture/Temperature/Tensile Strength

Radiation

Installed cable ties of various materials have been exposed to different amounts of radiation to determine the maximum acceptable limit. These tests were conducted by *PANDUIT* to determine the acceptability for use in various areas of nuclear power plants (for radiation exposure accumulated over a 40 year life). See Table C (page B1.112) for radiation resistance rating.

Moisture

Many plastics when exposed to high relative humidity absorb water and, as such, the tensile strength of the material can change dramatically. Nylon 6.6 when exposed to 100% relative humidity, will absorb as much as 8.5% water which will reduce tensile strength by 50% when compared to a dry cable tie. Polypropylene, HALAR■, Type 12 Nylon, TEFZEL▲ and ACETAL are low water absorbing materials and, as such, the effect of water is minimal. See Table C (page B1.112) for moisture absorption.

Proper Storage

Nylon 6.6 is a hygroscopic material (affected by atmospheric moisture variations). The optimum storage requirement for nylon cable ties is 73°F (± 15°F) and 50% RH (relative humidity) in sealed containers. Improper storage, especially in cold/dry conditions can result in moisture loss, which impedes cable tie performance. *PANDUIT* packaging provides Nylon 6.6 cable ties conditioned to 2.5% moisture added by weight in heavy-wall, polyethylene heat-sealed bags.

Temperature

Plastic materials normally undergo property loss due to oxidation accelerated by exposure to high temperatures. The Maximum Continuous Use Temperature for cable tie materials depends upon the time at the elevated temperature as well as other environmental conditions. Initially, plastics become more flexible and weaker when exposed to high temperatures. After a period of time, oxidation may occur which will cause embrittlement, making plastic cable ties more susceptible to failure from impact and vibration.

The Maximum Continuous Use Temperature, otherwise known as the Relative Thermal Index (mechanical without impact) is determined per UL746B. It is one indicator of a material's ability to retain a particular physical property when exposed to elevated temperatures over an extended period of time. It is based on the assumption that there is no loading, no chemical attack and impact-free condition. The Maximum Continuous Use Temperatures for cable tie materials are listed in Table C (page B1.112).

Low temperature exposure will also make most plastics more brittle during the exposure, but little property loss occurs when the material is returned to room temperatures. The Minimum Continuous Use Temperatures for cable tie materials are listed in Table C (page B1.112).

Tensile Strength

Most cable ties are selected based on material, length and minimum loop tensile strength. Minimum loop tensile strength was established under SAE Aerospace Standard AS23190. Each cable tie cross section (SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy and EH = Extra-Heavy) has a different loop tensile strength when tested per AS23190.

The cable tie is first conditioned at 49°C (120°F), 20% relative humidity for 24 hours, then the cable tie is installed on a split mandrel and the halves of the mandrel separated at a rate of 1" (25.4mm) per minute. The separating force required to unlock or break the cable tie is the loop tensile strength. Loop tensile strength is dependent both on the locking design and the tensile strength (psi) of the material. As an example, the tensile strength of Polypropylene material is approximately 1/2 to 1/3 of nylon 6.6; thus the loop tensile strength of a given cross section tie made of Polypropylene would be much less than a tie made of Nylon 6.6. This is another property to be considered when selecting a cable tie. The various representative loop tensile strengths are listed in Table C (page B1.112).

▲HALAR is a registered trademark of Solvay Solexis, Inc.
■TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.

Characteristics of Cable Tie Materials

Table C – Physical Characteristics

Design Criteria		Nylon 6.6	Weather Resistant Nylon 6.6	Heat Stabilized Nylon 6.6	Heat Stabilized Nylon 6.6	Heat Stabilized Weather Resistant Nylon 6.6	Flame Retardant Nylon 6.6	Flame Retardant Nylon 6.6	Weather Resistant Nylon 12	Natural Polypropylene	Weather Resistant Polypropylene	TEFZEL■	HALAR▲	Weather Resistant Acetal
Part Number Suffix/ Material Designation		None	0	30	39	300	60	69	120	109	100	76	702Y	N/A
Color		Natural	Black	Black	Natural	Black	Black	Ivory	Black	Green	Black	Aqua	Maroon	Black
Tensile Strength 73° F (psi)		12,000 (Note 1)	12,000 (Note 1)	12,000 (Note 1)	12,000 (Note 1)	12,000 (Note 1)	12,000 (Note 1)	12,000 (Note 1)	8,100 (Note 1)	4,100 (Note 1)	4,100 (Note 1)	7,500 (Note 1)	7,000 (Note 1)	6,500 (Note 2)
UL Flammability		See Page B1.109 – B1.110												
Oxygen Index		28	28	26	26	26	34	34	N/A	N/A	N/A	30	60	N/A
Radiation Resistance		1×10^5 Rads	1×10^5 Rads	1×10^5 Rads	1×10^5 Rads	1×10^5 Rads	1×10^5 Rads	1×10^5 Rads	3.5×10^6 Rads	1×10^6 Rads	1×10^6 Rads	2×10^8 Rads	2×10^8 Rads	6×10^5 Rads
Water Absorption (24 hours)		1.2%	1.2%	1.2%	1.2%	1.2%	1.1%	1.1%	0.3%	0.1%	0.1%	<0.03%	<0.05%	<0.45%
Ultraviolet Light Resistance		Poor	Good	Fair	Poor	Good	Poor	Poor	Good	Poor	Good	Very Good	Very Good	Excellent
Max. Continuous Use Temperature (Note 3)		185°F 85°C	185°F 85°C	239°F 115°C	239°F 115°C	212°F 100°C (Note 4)	212°F 100°C	212°F 100°C	194°F 90°C	239°F 115°C	239°F 115°C	338°F 170°C	302°F 150°C	185°F 85°C
Min. Continuous Use Temperature (Note 5)		-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C	-75°F -59°C
Minimum Loop Tensile Strength @120°F 20% RH	SM M I	8 Lbs. 18 Lbs. 40 Lbs.	8 Lbs. 18 Lbs. 40 Lbs.	8 Lbs. 18 Lbs. 40 Lbs.	N/A 18 Lbs. 40 Lbs.	N/A 18 Lbs. 40 Lbs.	N/A 18 Lbs. N/A	N/A 18 Lbs. 40 Lbs.	N/A N/A 25 Lbs.	N/A 11 Lbs. 18 Lbs.	N/A 11 Lbs. 18 Lbs.	N/A 18 Lbs. 25 Lbs.	N/A 18 Lbs. N/A	N/A N/A N/A
	S HS LH/H	50 Lbs. 85 Lbs. 120/175 Lbs.	50 Lbs. 85 Lbs. 120/175 Lbs.	50 Lbs. N/A 120/175 Lbs.	50 Lbs. N/A 120 Lbs.	50 Lbs. N/A 120 Lbs.	50 Lbs. N/A N/A	50 Lbs. N/A 120 Lbs.	40 Lbs. N/A 90 Lbs.	30 Lbs. N/A 50 Lbs.	30 Lbs. N/A 50 Lbs.	50 Lbs. N/A 120 Lbs.	50 Lbs. N/A N/A	N/A N/A N/A
	EH	250 Lbs.	250 Lbs.	N/A	N/A	N/A	N/A	N/A	N/A	90 Lbs.	90 Lbs.	N/A	N/A	250 Lbs.

Cable Tie Cross Sections: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy

NOTES

1. ASTM D 638
2. Telcordia TR-TSY-000789
3. See Page B1.111 – Temperature
4. Estimated
5. After Installation

■TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.
▲HALAR is the registered trademark of Solvay Solexis, Inc.

Table D – Chemical Resistance Table

Many factors combine to determine the useful life of a cable tie material and none is as important as chemical exposure. Various chemicals will have different effects on plastics depending on such variables as chemical concentrations, temperature, stress and ultraviolet light. This table is an excellent guideline for the selection of the best cable tie material. It should be noted that the exposure for this chemical resistance chart is at 70°F (21°C).

Resistance of *PANDUIT* Cable Tie materials to Chemical Attack at 70°F (21°C)

A = Excellent
B = Satisfactory
C = Slight Attack
D = Attacked
— = Not Tested

[1] = Pitting occurs under some conditions
[2] = Attack may occur if sulfuric acid present
Aq. = Aqueous
C.S. = Cold Saturated

Agent	Percent Concentration	Nylon 6.6*	Nylon 12	Polypropylene	TEFZEL■	HALAR▲	304 Stainless Steel	316 Stainless Steel
Acetaldehyde	90	B	—	C	A	A	—	—
Acetic Acid	97	D	D	A	A	A	A	A
Acentic Acid	10	C	B	A	A	A	A	A
Acetic Anhydride	90	—	B	A	A	A	A	A
Acetone	100	A	A	A	A	A	A	A
Acetophenone	100	—	—	B	A	A	A	A
Acetylene	100	—	—	A	A	A	A	A
Aluminum Chloride	10	B	A	A	A	A	D	C
Aluminum Fluoride	10	B	A	A	A	A	D	C
Aluminum Hydroxide	Aq. C.S.	—	A	A	A	A	A	A
Aluminum Potassium Sulfate	10	B	A	A	A	A	A[1]	A[1]
Ammonia	All	—	A	A	A	A	A	A
Ammonium Carbonate	1 to 5	—	A	—	A	A	A	A
Ammonium Chloride	10 to 25	D	A	A	A	A	A[1]	A
Ammonium Hydroxide	10	A	—	—	A	A	—	—
Ammonium Nitrate	100	—	A	A	A	A	A	A[1]
Ammonium Sulfate	10	—	A	A	A	A	E[1]	A
Amyl Acetate	100	—	—	C	A	A	A	A
Aniline	100	—	B	A	A	A	A	A
Antimony Trichloride	All	D	—	A	A	A	A	A
Arsenic Acid	1 to 80	—	—	A	A	A	A	A
Barium Carbonate	All	—	A	A	A	A	A	A
Barium Chloride	All	—	A	A	A	A	A[1]	A
Barium Sulfate	All	—	A	A	A	A	A	A
Barium Sulfide	All	—	A	A	A	A	A	A
Benzene	100	A	A	C	A	A	A	A
Benzoic Acid	100	D	A	A	A	A	A	A
Benzoyl Chloride	100	—	—	C	A	A	—	—
Benzyl Alcohol	100	—	—	A	A	A	—	—
Boric Acid	All	D	A	A	A	A	B	—
Bromine	100	D	D	D	A	A	D	D
Butadiene	100	—	—	C	A	A	A	A
Butane	100	—	A	A	A	A	A	A
Butanediol	100	—	—	A	A	A	—	—
Butyl Acetate	100	—	A	C	A	A	—	—
N. Butyl Alcohol	100	—	A	A	A	A	A	A
Butyl Phthalate	100	—	—	A	A	A	—	—
Butyraldehyde	100	—	—	A	A	A	—	—
Butyric Acid	10 to 100	D	—	A	A	A	A	A
Calcium Carbonate	Aq. C.S.	—	—	A	A	A	A	A
Calcium Chlorate	Aq. C.S.	—	—	A	A	A	A	A
Calcium Chloride	5	C	A	A	A	A	A[1]	A[1]

*Includes all 6.6 Nylons (such as Weather Resistant, Heat Stabilized and Flame Retardant).
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▲HALAR is a registered trademark of Solvay Solexis, Inc.

Table D – Chemical Resistance Table (continued)

Agent	Percent Concentration	Nylon 6.6*	Nylon 12	Polypropylene	TEFZEL■	HALAR▲	304 Stainless Steel	316 Stainless Steel
Calcium Hydroxide	50	—	—	A	A	A	A	A
Calcium Hypochlorite	2	D	—	A	A	A	A[1]	A[1]
Calcium Nitrate	50	—	A	A	A	A	—	—
Calcium Sulfate	2	C	—	A	A	A	A	A
Carbon Tetrachloride	100	A	A	D	A	A	A	A
Carbon Tetrachloride	Aq. 10	—	—	—	—	A	C[1]	A[1]
Chlorine	Dry	—	D	D	A	A	C	C
Chlorine	Wet	—	D	C	A	A	D	D
Chloroacetic Acid	10 to 50	D	—	A	A	A	D	C
Chlorobenzene	100	—	C	A	A	A	—	—
Chloroform	100	A	C	C	A	A	A	A
Chlorosulphonic Acid	10 to 100	D	D	D	B	A	D	D
Chromic Acid	10 to 50	D	D	A	A	A	C	C
Citric Acid	10 to 50	B	B	A	—	A	A	A
Copper Chloride	1 to 10	D	—	A	A	A	A[1] – D	A[1] – C[1]
Copper Cyanide	Aq. C.S.	—	—	A	A	A	A	A
Copper Nitrate	50	—	—	A	A	A	A	A
Cresol	100	D	D	—	A	A	A	A
Crotonaldehyde	100	—	—	A	A	A	—	—
Cyclohexane	100	—	A	C	A	A	A	—
Cyclohexanol	100	—	A	A	A	A	A	—
Cyclohexanone	100	—	A	C	A	A	A	—
Dibutyl Phthalate	100	—	—	A	A	A	—	—
Dichloroethane	100	—	—	A	—	A	A	A
Dichloroethylene	100	—	—	C	A	A	—	—
Diesel Fuel	100	—	A	C	A	A	A	A
Diethyl Ether	100	—	A	A	A	A	A	A
Diglycolic Acid	Aq. C.S.	—	—	A	A	A	—	—
Diisobutyl Ketone	100	—	—	A	A	A	—	—
Dimethyl Amine	100	—	—	A	A	A	—	—
Dimethyl Formamide	100	—	A	A	A	A	A	—
Dimethyl Sulfate	100	—	—	C	A	A	—	—
Dioctyl Phthalate	100	—	—	A	A	A	A	—
1.4 Dioxane	100	—	B	C	A	A	A	—
Ethyl Acetate	100	A	A	B	A	A	A	A
Ethyl Alcohol	100	A	A	A	A	A	A	A
Ethyl Chloride	100	—	—	C	A	A	A	A
Ethylene Chloride	100	A	C	C	A	A	A	A
Ethylene Glycol	100	A	A	A	A	A	A	A
Ethylene Oxide	100	—	—	C	A	A	—	—
Fatty Acids	100	—	—	A	A	A	—	—
Ferric Chloride	50	D	—	A	A	A	D	D
Ferric Hydroxide	All	—	—	A	A	A	A	A
Ferric Nitrate	All	—	—	A	A	A	A	A
Ferrous Chloride	Aq. C.S.	D	—	A	A	A	D	C
Ferrous Sulfate	10	—	—	A	A	A	A[1]	A
Fluorine (Dry)	100	—	—	D	A	—	D	D
Formaldehyde	40	A	B	A	A	A	A[1]	A
Formic Acid	All	D	D	A	A	A	A	A
Freons	100	A	—	—	A	A	—	—
Fuel Oil	100	—	A	—	A	A	A	A
Furfural	100	A	—	—	A	A	A	A
Gallic Acid	Aq. C.S.	—	—	—	A	A	A	A
Gasoline	100	A	—	C	A	A	A	A
Glycerin	100	—	A	A	—	A	A	A
Glycolic Acid	40	D	—	A	A	A	—	—
Heptane	100	—	A	A	A	A	A	A
Hexane	100	—	A	A	A	A	A	A
Hydrobromic Acid	All	D	D	A	A	A	D	D

*Includes all 6.6 Nylons (such as Weather Resistant, Heat Stabilized and Flame Retardant).
■TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.
▲HALAR is the registered trademark of Solvay Solexis, Inc.

Table D – Chemical Resistance Table (continued)

Agent	Percent Concentration	Nylon 6.6*	Nylon 12	Polypropylene	TEFZEL■	HALAR▲	304 Stainless Steel	316 Stainless Steel
Hydrochloric Acid	All	D	D	A	A	A	D	D
Hydrocyanic Acid	All	—	D	A	A	A	C	C
Hydrofluoric Acid	All	D	D	A	A	A	D	D
Hydrofluorosilicic Acid	30	—	D	A	A	A	D	D
Hydrogen Peroxide	30	D	B	B	A	A	B	A
Hydrogen Sulfide	Dry	—	—	A	A	A	A	A
Hydrogen Sulfide	Wet	D	—	A	A	A	C[2]	A[2]
Hydroquinone	100	—	—	A	A	A	—	—
Iodine	100	—	—	A	A	A	D	D
Iodoform	100	—	—	—	A	A	A	A
Isopropyl Alcohol	100	A	A	A	A	A	A	A
Jet Fuel	100	A	—	A	A	A	A	A
Lactic Acid	10	A	B	A	A	A	A	A
Lanolin	10	A	A	A	A	A	A	A
Lead Acetate	Aq. C.S.	—	—	A	A	A	A	A
Linseed Oil	100	A	A	A	A	A	A	A
Magnesium Carbonate	Aq. C. S.	—	A	A	A	A	A	A
Magnesium Chloride	Aq. C.S.	C	A	A	A	A	A[1]	A[1]
Magnesium Nitrate	Aq. C. S.	—	A	A	A	A	A	A
Maleic Acid	100	—	—	A	A	A	—	—
Malic Acid	Aq. C.S.	—	—	A	A	A	A	A
Mercuric Chloride	Dilute	—	A	A	A	A	D	D
Mercury	100	—	A	A	A	A	A	A
Methyl Alcohol	100	A	A	A	A	A	A	A
Methyl Bromide	100	—	—	D	A	A	—	—
Methyl Chloride	100	—	—	C	A	A	—	A
Methyl Chloroform	100	A	—	C	A	A	—	—
Methyl Ethyl Ketone	100	—	A	C	A	A	A	A
Methyl Isobutyl Ketone	100	A	—	C	A	A	A	A
Methylene Chloride	100	C	D	C	A	A	A	A
Naptha	100	—	—	A	A	A	A	A
Napthalene	100	—	B	A	A	A	A	A
Nickel Chloride	Aq. C.S.	—	A	A	A	A	A[1]	A[1]
Nickel Sulfate	Aq. C.S.	—	A	A	A	A	A[1]	A[1]
Nitric Acid	10 to 30	D	D	A	A	A	A	A
Nitric Acid	30 to 68	D	D	D	B	A	A	A
Nitro Benzene	100	—	C	C	A	A	A	A
Nitro Methane	100	A	—	—	A	A	—	—
Nitrous Acid	5	—	—	—	A	A	A	A
Oleic Acid	100	—	C	A	A	A	A	A
Oxalic Acid	10	—	C	A	A	A	A	A
Oxygen	All	—	—	A	A	A	—	—
Paraffin	100	A	A	A	A	A	A	A
Perchlorethylene	100	—	—	C	A	A	A	A
Petroleum Ether	100	—	A	A	A	A	A	A
Phenol	90	D	D	A	A	A	A	A
Phosphoric Acid	10	D	D	A	A	A	A	A
Phosphorous Pentoxide	100	—	D	A	A	A	—	—
Phosphorous Trichloride	100	—	D	C	A	A	A	A
Phthalic Acid	50	—	—	C	A	A	A	A
Picric Acid	1	—	—	A	A	A	A	A
Potassium Borate	1	—	—	A	A	A	—	—
Potassium Bromide	Aq. C.S.	—	—	A	A	A	A[1]	A[1]
Potassium Carbonate	Aq. C.S.	—	C	A	A	A	A	A
Potassium Chlorate	Aq. C. S.	—	B	A	A	A	A	A
Potassium Chloride	5	—	A	A	A	A	A[1]	A[1]
Potassium Dichromate	Aq. C.S.	—	D	A	A	A	A	A
Potassium Ferrocyanide	25	—	—	A	A	A	A	A
Potassium Hydroxide	30	C	—	A	A	A	C	C

*Includes all 6.6 Nylons (such as Weather Resistant, Heat Stabilized and Flame Retardant).
■TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.
▲HALAR is a registered trademark of Solvay Solexis, Inc.

Table D – Chemical Resistance Table (continued)

Agent	Percent Concentration	Nylon 6.6*	Nylon 12	Polypropylene	TEFZEL■	HALAR▲	304 Stainless Steel	316 Stainless Steel
Potassium Iodide	Aq. C.S.	—	A	A	—	A	A	A
Potassium Nitrate	Aq. C.S.	—	A	A	A	A	A	A
Potassium Perchlorate	1	—	—	A	A	A	—	—
Potassium Permanganate	5	D	D	A	A	A	A	A
Potassium Persulfate	All	—	—	A	A	A	—	—
Potassium Sulfate	Aq. C.S.	—	A	A	A	A	A	A
Potassium Sulfide	Aq. C.S.	—	—	A	A	A	A	A
Propionic Acid	50	—	—	A	A	A	—	—
Propyl Alcohol	100	A	—	A	A	A	A	A
Pyridine	100	—	A	C	A	A	C	C
Sea Water	100	—	A	A	A	A	A[1]	A
Silver Chloride	Aq. C.S.	—	A	A	A	A	D	D
Silver Nitrate	10	—	A	A	A	A	A	A
Sodium Acetate	Aq. C.S.	A	—	A	A	A	A[1]	A
Sodium Benzoate	Aq. C.S.	—	—	A	A	A	—	—
Sodium Bicarbonate	Aq. C.S.	A	A	A	A	A	A	A
Sodium Bisulfate	10	—	—	A	A	A	A	A
Sodium Bisulfite	Aq. C.S.	—	B	A	A	A	A	A
Sodium Borate	Aq. C.S.	—	—	A	A	A	A	A
Sodium Carbonate	2	A	A	A	A	A	A	A
Sodium Chlorate	25	—	C	A	A	A	A	A
Sodium Chloride	10	A	A	A	A	A	A[1]	A[1]
Sodium Chromate	Aq. C.S.	D	—	A	A	A	A	A
Sodium Fluoride	5	—	—	A	A	A	A[1]	A[1]
Sodium Hydroxide	10	A	A	A	A	A	A	A
Sodium Hypochlorite	5	B	C	A	A	A	C[1]	A[1]
Sodium Hyposulfite	Aq.C.S.	—	—	—	A	A	A	A
Sodium Nitrate	5	A	A	A	A	A	A	A
Sodium Nitrite	Aq. C.S.	—	C	A	A	A	A	A
Sodium Perborate	Aq. C.S.	—	B	A	A	A	—	C
Sodium Perchlorate	10	—	—	—	A	A	A	A
Sodium Phosphate	5	—	A	A	A	A	A	A
Sodium Sulfate	5	—	A	A	A	A	A	A
Sodium Sulfide	5	—	A	A	A	A	A[1]	A
Sodium Thiosulfate	25	—	A	A	A	A	A[2]	A[2]
Stannic Chloride	Aq. C.S.	D	—	A	A	A	D	C
Stannous Chloride	Aq. C.S.	—	A	A	A	A	C	B
Stearic Acid	100	—	C	A	A	A	A	A
Succinic Acid	100	—	B	A	A	A	—	—
Sulfur	100	—	A	A	A	A	B	C
Sulfur Dioxide	All	D	—	C	A	A	A	A
Sulfuric Acid	5	D	C	A	A	A	C	A
Sulfuric Acid	50	D	D	A	A	A	D	C
Sulfuric Acid	Concentrate	D	D	C	A	A	C	C
Sulfurous Acid	10	A	—	A	A	A	C[1]	A[1]
Tannic Acid	10	—	A	A	A	A	A	A
Tartaric Acid	50	—	B	A	A	A	A	A
Tetrahydrofuran	100	—	C	C	A	A	A	A
Toluene	100	A	A	C	A	A	A	A
Trichloroacetic Acid	10	D	—	B	A	A	D	D
Trichloroethylene	100	—	D	C	A	A	A[1]	A[1]
Turpentine	100	—	B	D	A	A	A	A
Urea	50	—	A	A	A	A	—	—
Vinyl Acetate	100	—	—	A	A	A	—	—
Xylene	100	A	—	D	A	A	A	A
Zinc Chloride	70	D	A	A	A	A	A	A
Zinc Nitrate	Aq. C.S.	—	A	A	A	A	A	A
Zinc Sulfate	Aq. C.S.	—	A	A	A	A	A	A

*Includes all 6.6 Nylons (such as Weather Resistant, Heat Stabilized and Flame Retardant).
■TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.
▲HALAR is a registered trademark of Solvay Solexis, Inc.

Cable Accessories

PANDUIT provides comprehensive offering of cable accessories. These accessories are engineered to speed installation and lower installed costs for routing and managing cable. *PANDUIT* cable accessories are designed and manufactured to meet applicable quality standards including International, UL, Military, ISO and Aerospace.

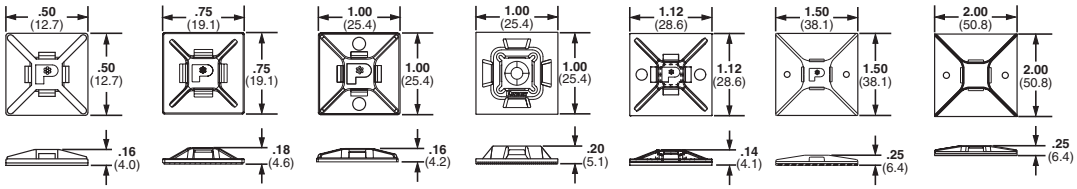
- **Largest selection of mounts, clips and clamps for cable management**
- ***PANDUIT* cable ties and accessories can be used in a variety of applications and environments, providing the optimal cable management solution**
- **Installation methods include adhesive backed, user applied adhesive, screws, rivets or push barb**

PANDUIT mounts, clips and clamps are manufactured in an environment committed to design innovation, high quality and knowledgeable service to our customers. Adhesive backed mounts provide a strong adhesive bond for long-term reliability. Cable clips offer a one-piece solution to save time and reduce inventory. Harness board accessories speed the routing and forming of cable bundles in the fabrication of a harness. They hold bundles at a uniform height above the board and are ideal for use with *PANDUIT* manual and automatic cable tie tooling.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

4-Way Adhesive Backed Cable Tie Mounts

- Allows cable tie entry from all four sides
- Available in multiple sizes to match application load requirements
- Produced 2-up or 4-up for fast and easy liner removal to speed installation



Part Number	Used With Cable Ties‡	Material	Color	Environment	Mounting Method*	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
						Lbs.	g		
4 Way Mounts with Adhesive									
ABM1M-A-C	M	Nylon 6.6	White	Indoors	Rubber	.13	59	100	500
ABM1M-AT-C	M	Nylon 6.6	White	Indoors/High Temp	Acrylic	.13	59	100	500
ABM1M-AT-M0	M	Weather Resistant Nylon 6.6	Black	Outdoors/High Temp	Acrylic	.13	59	1000	5000
ABMM-A-C	M, I	ABS	White	Indoors	Rubber	.30	136	100	500
ABMM-A-C20	M, I	ABS	Black	Indoors	Rubber	.30	136	100	500
ABMM-AT-C	M, I	ABS	White	Indoors/High Temp	Acrylic	.30	136	100	500
ABMM-AT-C0	M, I	Weather Resistant ABS	Black	Outdoors/High Temp	Acrylic	.30	136	100	500
ABM2S-A-C	M, I, S	ABS	White	Indoors	Rubber	.50	227	100	500
ABM2S-AT-C	M, I, S	ABS	White	Indoors/High Temp	Acrylic	.50	227	100	500
ABM2S-AT-C0	M, I, S	Weather Resistant ABS	Black	Outdoors/High Temp	Acrylic	.50	227	100	500
ABM100-A-C	M, I, S	Nylon 6.6	White	Indoors	Rubber	.50	227	100	1000
ABM100-A-D20	M, I, S,	Nylon 6.6	Black	Indoors/High Temp	Rubber	.50	227	500	1000
ABM100-AT-C	M, I, S	Nylon 6.6	White	Indoors/High Temp	Acrylic	.50	227	100	1000
ABM100-AT-C0	M, I, S	Weather Resistant Nylon 6.6	Black	Outdoors/High Temp	Acrylic	.50	227	100	1000
SGABM25-A-C	M, I, S, SGS	Nylon 6.6	White	Indoors	Rubber	.50	227	100	1000
SGABM25-AT-C0	M, I, S, SGS	Weather Resistant Nylon 6.6	Black	Outdoors/ High Temp	Acrylic	.50	227	100	1000
ABM112-A-C	M, I, S	Nylon 6.6	White	Indoors	Rubber	.63	286	100	500
ABM112-A-D20	M, I, S	Nylon 6.6	Black	Indoors	Rubber	.63	286	500	500
ABM112-AT-C	M, I, S	Nylon 6.6	White	Indoors/High Temp	Acrylic	.63	286	100	1000
ABM112-AT-C0	M, I, S	Weather Resistant Nylon 6.6	Black	Outdoors/High Temp	Acrylic	.63	286	100	1000
ABM3H-A-L	M, I, S, HS, LH, H, & HLM	Nylon 6.6	White	Indoors	Rubber	1.13	513	50	500
ABM3H-A-L20	M, I, S, HS, LH, H, & HLM	Nylon 6.6	Black	Indoors	Rubber	1.13	513	50	500
ABM3H-AT-L	M, I, S, HS, LH, H, & HLM	Nylon 6.6	White	Indoors/High Temp	Acrylic	1.12	513	50	500
ABM3H-AT-T0	M, I, S, HS, LH, H, & HLM	Weather Resistant Nylon 6.6	Black	Outdoors/High Temp	Acrylic	1.12	508	200	1000

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, HLM = Miniature *Tak-Ty*® Hook & Loop Ties, HLS = Standard *Tak-Ty*® Hook & Loop Ties and SGS = *Super-Grip*™ Standard.

*For proper selection of adhesive see page B2.45.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

4-Way Adhesive Backed Cable Tie Mounts (continued)

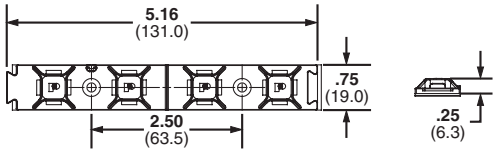
Part Number	Used With Cable Ties‡	Material	Color	Environment	Mounting Method*	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
						Lbs.	g		
ABM4H-A-L	M, I, S, HS, LH, H, & HLM	Nylon 6.6	White	Indoors	Rubber	2.00	907	50	500
ABM4H-AT-T0	M, I, S, HS, LH, H, & HLM	Weather Resistant Nylon 6.6	Black	Outdoors/High Temp	Acrylic	2.00	907	200	1000
4-Way Mounts without Adhesive									
ABMM-D	M, I	ABS	White	Indoors	User supplied adhesive	—	—	500	5000
ABM2S-S6-D	M, I, S	ABS	White	Indoors	User supplied adhesive and/or two #6 (M3) Screws	—	—	500	5000
ABM100-S6-C	M, I, S	Nylon 6.6	White	Indoors		—	—	100	1000
SGABM25-S6-C	M, I, S, SGS	Nylon 6.6	White	Indoors	User supplied adhesive and/or two #6 (M3) Screws	—	—	100	1000
ABM100-S6-C69	M, I, S	Flame Retardant Nylon 6.6	Natural	Indoors	User supplied adhesive and/or #6 (M3) screw	—	—	100	1000
ABM112-S6-C	M, I, S	Nylon 6.6	White	Indoors	User supplied adhesive and/or two #6 (M3) Screws	—	—	100	1000
ABM112-S6-D0	M, I, S	Weather Resistant Nylon 6.6	Black	Outdoors		—	—	500	5000
ABM112-S6-C69	M, I, S	Flame Retardant Nylon 6.6	Natural	Indoors		—	—	100	500
ABM3H-S6-T	M, I, S, HS, LH, H, & HLM	Nylon 6.6	White	Indoors		—	—	200	2000
ABM4H-S6-T	M, I, S, HS, LH, H, & HLM	Nylon 6.6	White	Indoors		—	—	200	1000

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, HLM = Miniature *TAK-TY*® Hook & Loop Ties, HLS = Standard *TAK-TY*® Hook & Loop Ties and SGS = *SUPER-GRIP*™ Standard.

*For proper selection of adhesive see page B2.45.

ABMQ Multiple Bridge Mount

- Multiple cable tie bridges on one mount speeds installation of cable bundles by reducing the number of mounts applied
- Dovetail connection system provides alignment and a joining method to expand routing capabilities
- V-groove allows for easy separation into two mounts with two bridges each for separate applications
- 4-way cable tie bridges allow cable bundles to be secured perpendicular to the mount for even spacing or inline to secure a bundle in multiple places
- Large adhesive surface area provides long-term reliability and keeps product in place despite heavy load or high stress

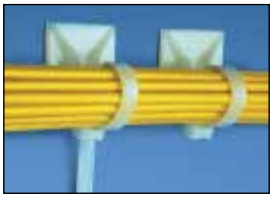


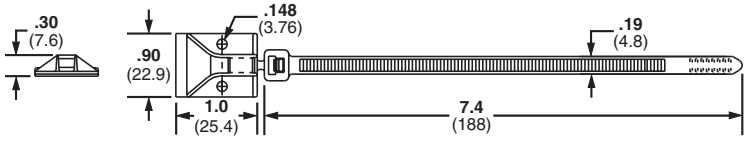
Part Number	Used With Cable Ties‡	Material	Color	Environment	Mounting Method	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
						Lbs.	g		
ABMQ Mounts with Adhesive									
ABMQS-A-Q	M, I, S	ABS	White	Indoors	Rubber	1.85	838	25	250
ABMQS-A-Q20	M, I, S	ABS	Black	Indoors	Rubber			25	250
ABMQS-AT-Q	M, I, S	ABS	White	Indoors/High Temp	Acrylic			25	250
ABMQS-AT-Q0	M, I, S	Weather Resistant ABS	Black	Outdoors/High Temp	Acrylic			25	250
ABMQ Mounts without Adhesive									
ABMQS-S6-C0	M, I, S	Weather Resistant ABS	Black	Outdoors/High Temp	User Supplied Adhesive and/or two #6 M3 Screws	—	—	100	1000
ABMQS-S6-C	M, I, S	ABS	White	Indoors/High Temp				100	1000

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Combination Adhesive Mount/Cable Ties

- Adhesive mount and cable tie molded as one piece helps reduce inventory costs
- Available with locking or releasable tie
- For indoor use only





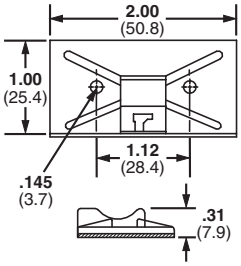
Part Number	Tool	Material	Color	Adhesive Type	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
					Lbs.	g		
Locking Cable Tie								
PLA2S-A-Q	GTS, GTSL, GS2B, GS4H, PTS, PTH, PPTS, STS2, STH2	Nylon 6.6	White	Rubber	.45	204	25	250
Releasable Cable Tie								
PRA2S-A-Q	Hand Installed Only	Nylon 6.6	White	Rubber	.45	204	25	250

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Snap-In Cable Tie Mounts – Mechanically Applied

- For use with *PANDUIT* Standard cross section cable ties including PLT1S, PLT1.5S, PLT2S, PRT1.5S and PRT2S
- Integral retaining notch holds cable tie head in place below bundle
- Eliminates protruding tie head and facilitates one hand tie threading
- Quickly route wire and cable where mounting holes cannot be drilled
- For indoor use only

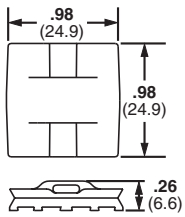


Part Number	Used With Cable Ties‡	Material	Color	Mounting Method	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
					Lbs.	g		
Adhesive Backed								
SMS-A-C	S	ABS	White	Rubber	1.00	454	100	500
SMS-A-C14			Gray	Rubber	1.00	454	100	500
SMS-A-C15			Ivory	Rubber	1.00	454	100	500
Screw Mount								
SMS-S6-D	S	ABS	White	User Supplied Adhesive and/or two #6 M3 Screws	—	—	500	5000

‡Cable Tie Cross Section Size: S = Standard.

Epoxy Applied Mounts

- Provides a fast, strong, economical method to secure wire/cable to most surfaces
- Eliminates the need to drill holes

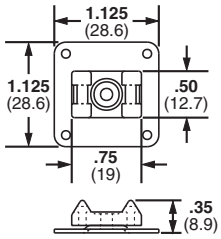


Part Number	Used With Cable Ties‡	Material	Color	Environment	Mounting Method	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
						Lbs.	g		
EMS-A-C	M, I, S	Nylon 6.6	Natural	Indoors	EMA Epoxy	10.00	4540	100	1000
EMS-A-C0	M, I, S	Weather Resistant Nylon 6.6	Black	Outdoors					

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Epoxy Applied Swivel Mount

- Mount swivels 360° to assure proper orientation with harness
- Four inspection holes to check adhesive coverage
- For indoor use only

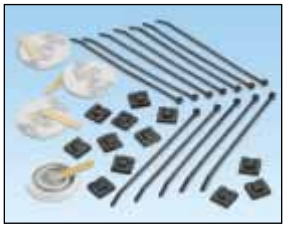


Part Number	Used With Cable Ties‡	Mounting Method	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
			Lbs.	g		
ASMS-A-X	M, I, S	EMA Epoxy	10.00	4540	10	100

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Epoxy Applied Cable Tie Mount Kits

- EMA Epoxy supplied in convenient two-compartment mixer cup with a mixer stick for each cup
- Each cup contains adhesive for three EMS or ASMS mounts
- Epoxy hardens in approximately five minutes
- After full 24 hour cure time, bonding strength will exceed 50 lbs. on a clean, grease-free surface
- Not recommended for use on polyethylene and polypropylene surfaces



Part Number	Used With Cable Ties‡	Environment	Epoxy Cups	Mixer Sticks	EMS Mounts	Cable Ties	Std. Pkg. Qty.	Std. Ctn. Qty.
Epoxy Adhesive Only								
EMA-X	—	Indoors/Outdoors	10	10	—	—	10	—
Epoxy Mounting Kit with EMS Mounts								
EMSK3-1-X0	M, I, S	Indoors/Outdoors	1	1	3	—	10	—
Epoxy Mounting Kit with EMS Mounts and Cable Ties								
EMSK3-1-3-0	M, I, S	Indoors/Outdoors	1	1	3	3	1	10
EMSK12-4-12-X0	M, I, S	Indoors/Outdoors	4	4	12	12	10	10

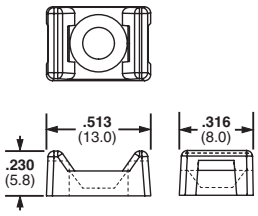
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Order number of pieces required, in multiples of Standard Package Quantity.

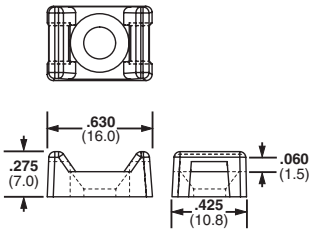
Prime items appear in **BOLD**.

Cable Tie Mounts

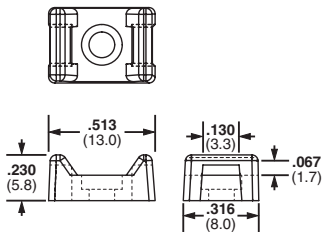
- Unique cradle design provides maximum stability for the cable bundle
- Low profile design keeps bundle close to mounting surface
- For indoor use only



TM1



TM2
SGTM2



TM3

Part Number	Used With Cable Ties‡	Counterbore Diameter		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm					
TM1S4-C	M	.23	5.7	Nylon 6.6	Natural	#4 (M2.5) Screw	100	500
TM1S6-C		.28	7.0			#6 (M3) Screw	100	500
TM2S6-C	M, I, S	.29	7.1			#6 (M3) Screw	100	500
TM2S8-C		.33	8.4			#8 (M4) Screw	100	500
TM2R6-C		Countersunk	Countersunk			3/16" Rivet	100	500
SGTM2S8-C	M, I, S, HS, SGS	.33	8.4			#8 (M4) Screw	100	500
TM3S8-C	M, I, S, LH	.32	8.1			#8 (M4) Screw	100	500
TM3S10-C		.38	9.7			#10 (M5) Screw	100	500
TM3S25-C		.50	12.7			1/4 (M6) Screw	100	500
TM3R6-C		Countersunk	Countersunk			3/16" Rivet	100	500

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy and SGS = *SUPER-GRIP*™ Standard.

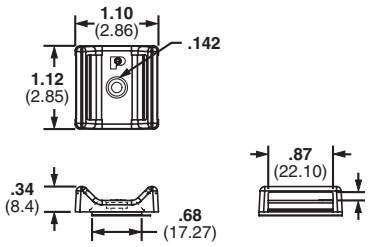
Additional tie mounts available in specified materials. All are available as standard *PANDUIT* parts.

Heat Stabilized Nylon	Flame Retardant Nylon	Weather Resistant Nylon	Weather Resistant Polypropylene	TEFZEL▪
TM1S4-M30	TM1S4-M69	TM1S6-M0	TM2S8-C100	TM2S8-C76
TM1S6-M30	TM1S6-M69	TM2R6-M0	TM3S8-C100	TM3S8-C76
TM2R6-M30	TM2S6-M69	TM2S6-M0	TM3S8-M100	TM3S10-C76
TM2S6-M30	TM2S8-M69	TM2S8-M0		
TM2S8-M30	TM3S8-C69	TM3R6-M0		
TM3S8-M30	TM3S10-M69	TM3S10-M0		
TM3S10-M30		TM3S25-M0		
TM3S25-M30				

▪TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.

TAK-TY® Hook & Loop Cable Tie Mounts

- For use with *TAK-TY®* Hook & Loop Cable Ties, see page B1.64
- For indoor use only
- Unique cradle design provides maximum stability for cable bundle

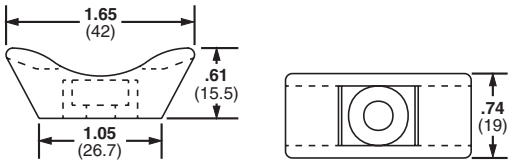


Part Number	Used With Cable Ties‡	Material	Color	Max. Static Load		Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
				Lbs.	g			
ABMT-A-C	HLM, HLS, HLT	Nylon 6.6	Natural	.38	174	Rubber Adhesive	100	1000
ABMT-A-C20			Black				100	1000
ABMT-S6-C			Natural	—	—	#6 (M3) Screw	100	1000
ABMT-S6-C20			Black				100	1000
ABMT-S6-C60		Glass-Filled Flame Retardant Nylon 6.6	Black				100	1000
ABMT-S6-C69			Natural				100	1000

‡Cable tie cross section sizes: HLM = Miniature *TAK-TY®* Hook & Loop Ties, HLS = Standard *TAK-TY®* Hook & Loop Ties and HLT = *TAK-TY®* Hook & Loop Ties.

Extra-Heavy Cable Tie Mounts

- Unique cradle design provides maximum stability for cable bundle
- Routes and supports large diameter and heavy cable bundles



Part Number	Used With Cable Ties‡	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
TMEH-S8-Q0	M, I, S, HS, H, LH, EH, HLM, HLT	Weather Resistant Nylon 6.6	Black	Outdoors	#8 (M4) Screw	25	250
TMEH-S10-Q0					#10 (M5) Screw	25	250
TMEH-S10-C100	M, I, S, HS, H, LH, EH, HLM, HLT				#10 (M5) Screw	100	500
TMEH-S10-C109		Polypropylene	Green	Indoors	#10 (M5) Screw	100	500
TMEH-S25-Q0	M, I, S, HS, H, LH, EH, HLM, HLT	Weather Resistant Nylon 6.6	Black	Outdoors	1/4 (M6) Screw	25	250

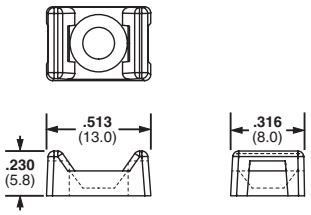
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy and HLM = Miniature *TAK-TY®* Hook & Loop Ties and HLT = *TAK-TY®* Hook & Loop Ties.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Tie Mounts – User Supplied Adhesive Mounts

- Solid flat bottom surface provides maximum holding area
- For indoor use only

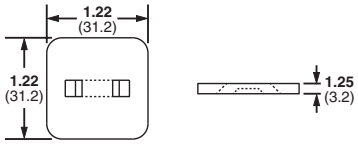


Part Number	Used With Cable Ties‡	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
TM1A-C	M	Nylon 6.6	Natural	User Supplied Adhesive	100	1000
TM2A-C	M, I, S				100	500
TM3A-C	M, I, S, HS, LH				100	500

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard and LH = Light-Heavy.

Low Profile Tie Mounts – User Supplied Adhesive Mounts

- Low profile design keeps bundle close to mounting surface
- For indoor use only

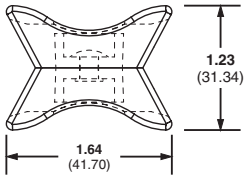


Part Number	Used With Cable Ties‡	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
AM2-C	M, I, S	Nylon 6.6	Natural	User Supplied Adhesive	100	500

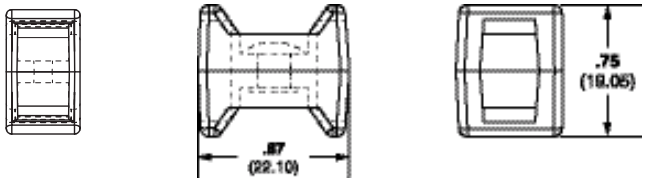
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Swivel Mounts

- The two mounts are securely fastened together with a connecting rivet that allows both mounts to rotate
- Can join bundles of cable, tubing or hoses that may need to move or are not parallel
- Mount separates bundles to avoid abrasion



TMEH



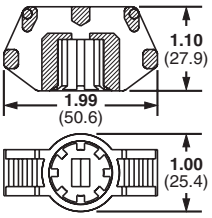
TM3

Part Number	Used With Cable Ties‡	Pull Apart Force	Material	Color	Environment	Std. Pkg. Qty.	Std. Ctn. Qty.
TM3-X2-C0	M, I, S, HS, LH	120	Weather Resistant Nylon 6.6	Black	Indoors/Outdoors	100	1000
TMEH-X2-L0	M, I, S, H, HS, LH, EH, HLM, HLT	250				50	500

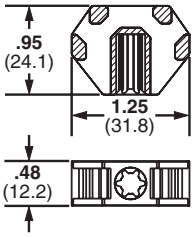
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy and HLM = *TAK-TY*® Hook & Loop Ties and HLT = *TAK-TY*® Hook & Loop Ties.

Stud Tie Mounts

- Easily applied to bolts or studs with a light hammer blow or turning of the mount
- Designed for use with cable ties to route and secure cable bundles, air, water and hydraulic lines



TMSTLH



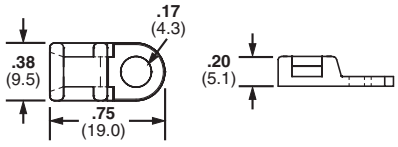
TMSTH

Part Number	Used With Cable Ties‡	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
TMSTLHS6-M0	M, I, S, HS, LH	Impact Modified Weather Resistant Nylon 6.6	Black	Outdoors	1/4" Stud Dia. (6mm)	1000	5000
TMSTLHS8-M0	M, I, S, HS, LH				5/16" Stud Dia (8mm)	1000	5000
TMSTHS10-D0	M, I, S, HS, LH, H				3/8" Stud Dia. (10mm)	500	0
TMSTHS13-D0	M, I, S, HS, LH, H				1/2" Stud Dia. (13mm)	500	0
TMSTHS16-D0	M, I, S, HS, LH, H				5/8" Stud Dia. (16mm)	500	0
TMSTHS19-D0	M, I, S, HS, LH, H				3/4" Stud Dia. (19mm)	500	0

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard, LH = Light-Heavy and H = Heavy.

Tie Anchor Mounts – Screw Applied

- 4-way cable tie entry makes part orientation fast and easy
- Small overall size allows for use where space is limited



Part Number	Used With Cable Ties‡	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
TA1S8-C	M, I, S	Nylon 6.6	Natural	Indoors	#8 (M4) Screw	100	500
TA1S8-M0		Weather Resistant Nylon 6.6	Black	Outdoors	#8 (M4) Screw	1000	5000
TA1S8-M30		Heat Stabilized Nylon 6.6	Black	Indoors	#8 (M4) Screw	1000	5000
TA1S8-M69		Flame Retardant Nylon 6.6	Natural	Indoors	#8 (M4) Screw	1000	5000
TA1S10-C		Nylon 6.6	Natural	Indoors	#10 (M5) Screw	100	500
TA1S10-M0		Weather Resistant Nylon 6.6	Black	Outdoors	#10 (M5) Screw	1000	5000
SGTA1S8-C	M, I, S, SGS	Nylon 6.6	White	Indoors	#8 (M4) Screw	100	500

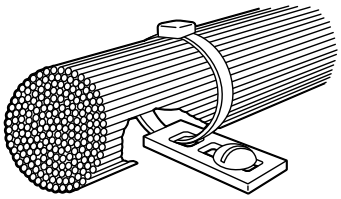
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard and SGS = *Super-Grip*™ Standard.

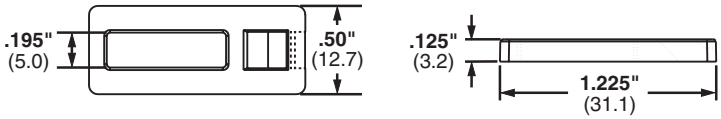
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Tie Anchor Mounts – TA2

- 4-way cable tie entry makes part orientation fast and easy
- Small overall size allows for use where space is limited



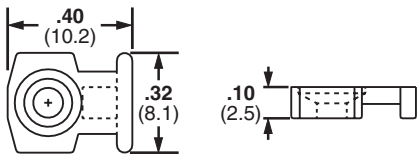


Part Number	Used With Cable Ties	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
TA2-C	M, I, S	Nylon 6.6	Natural	Indoors	#10 (M5) Screw	100	1000
TA2-M						1000	5000

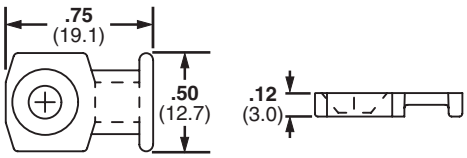
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard and SGS = *SUPER-GRIP*™ Standard.

Low Profile Mounts – Screw Applied

- Low profile design keeps bundle close to mounting surface
- Small overall size
- Install with a screw or rivet for a strong, secure installation
- For indoor use only



LPMM



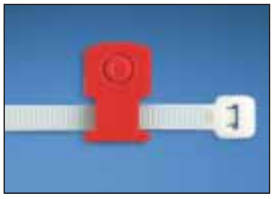
LPMS

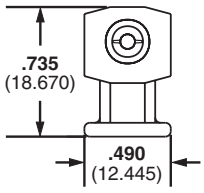
Part Number	Used With Cable Ties‡	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
LPMM-S2-C	M	Nylon 6.6	Natural	#2 (M2) Countersunk Screw	100	1000
LPMM-S5-C	M			#5 (M3) Countersunk Screw	100	1000
LPMS-S8-C	M, I, S			#8 (M4) Countersunk Screw	100	1000

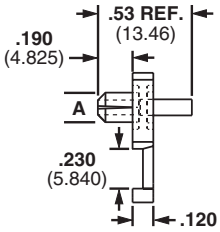
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Low Profile Mounts – Push Rivet Applied

- Eliminates screws
- Secures wires to any pre-drilled panel
- Can be installed in any panel thickness
- Low profile design keeps bundle close to mounting surface
- For indoor use only





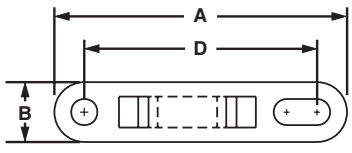


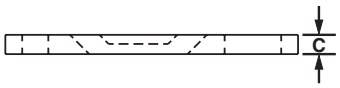
Part Number	Used With Cable Ties‡	Hole Diameter A	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
KIMS-H366-C2	M, I, S	.144	Nylon 6.6	Red	Integral Push Rivet	100	1000
KIMS-H430-C6		.169		Blue	Integral Push Rivet	100	1000
KIMS-H500-C4		.196		Yellow	Integral Push Rivet	100	1000

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Cable Tie Plates

- Slotted mounting hole accommodates various fastener spacing
- Low profile design keeps bundle close to mounting surface
- For indoor use only





Part Number	Used With Cable Ties‡	Length A		Width B		Height C		Hole Spacing D		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm					
TP2-C	M, I, S	1.98	50.3	.50	12.7	.13	3.2	1.60	40.6	Nylon 6.6	Natural	#10 (M5) Screw	100	1000
TP4H-C	M, I, S, HS, LH, H	3.08	78.2	.62	15.7	.20	5.2	2.50	63.5	Nylon 6.6	Natural	1/4 (M6) Screw	100	1000

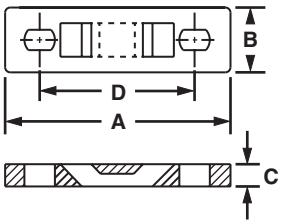
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard, LH = Light-Heavy and H = Heavy.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Multiple Tie Plates

- Used to secure closely spaced wire bundles
- Low profile design keeps bundle close to mounting surface
- For indoor use only
- Material: Nylon 6.6

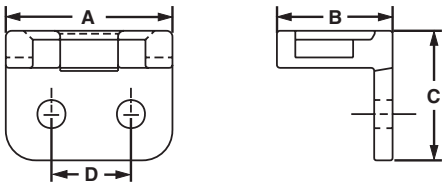


Part Number	No. of Bundles	Used With Cable Ties‡	Length A		Width B		Height C		Hole Spacing D		Mil. Std. Part Number	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
			In.	mm	In.	mm	In.	mm	In.	mm				
MTP1S-E6-C	1	M, I, S	1.75	44.5	.50	12.7	.13	3.2	1.26	31.8	MS3339-1-9	#6 (M3) Screw	100	1000
MTP1S-E10-C			1.75	44.5	.50	12.7	.13	3.2	1.25	31.8	—	#10 (M5) Screw	100	1000
MTP1H-E6-C		M, I, S, HS, LH, H	2.09	53.1	.63	16.0	.20	5.2	1.5	38.1	MS3339-6-9	#6 (M3) Screw	100	1000
MTP1H-E10-C			2.09	53.1	.63	16.0	.20	5.2	1.5	38.1	—	#10 (M5) Screw	100	1000
MTP2S-E6-C	2	M, I, S	3.00	76.2	.50	12.7	.13	3.2	2.50	63.5	MS3339-2-9	#6 (M3) Screw	100	1000
MTP2S-E10-C			3.00	76.2	.50	12.7	.13	3.2	2.50	63.5	—	#10 (M5) Screw	100	1000
MTP2H-E6-C		M, I, S, HS, LH, H	3.59	91.2	.63	16.0	.20	5.2	3.0	76.2	MS3339-7-9	#6 (M3) Screw	100	1000
MTP2H-E10-C			3.59	91.2	.63	16.0	.20	5.2	3.0	76.2	—	#10 (M5) Screw	100	1000
MTP3S-E6-C	3	M, I, S	4.25	108.0	.50	12.7	.13	3.2	3.75	95.3	MS3339-3-9	#6 (M3) Screw	100	1000
MTP3S-E10-C			4.25	108.0	.50	12.7	.13	3.2	3.75	95.3	—	#10 (M5) Screw	100	1000
MTP3H-E6-C		M, I, S, HS, LH, H	5.09	129.3	.63	16.0	.20	5.2	4.50	114.3	MS339-8-9	#6 (M3) Screw	100	1000
MTP3H-E10-C			5.09	129.3	.63	16.0	.20	5.2	4.50	114.3	—	#10 (M5) Screw	100	1000
MTP4S-E6-C	4	M, I, S	5.50	139.7	.50	12.7	.13	3.2	5.00	127.0	MS3339-4-9	#6 (M3) Screw	100	1000
MTP4S-E10-C			5.50	139.7	.50	12.7	.13	3.2	5.00	127.0	—	#10 (M5) Screw	100	1000
MTP4H-E6-C		M, I, S, HS, LH, H	6.59	167.4	.63	15.7	.20	5.2	6.00	152.4	MS3339-9-9	#6 (M3) Screw	100	1000
MTP4H-E10-C			6.59	167.4	.63	15.7	.20	5.2	6.00	152.4	—	#10 (M5) Screw	100	1000
MTP5S-E6-C	5	M, I, S	6.75	171.5	.50	12.7	.13	3.2	6.25	158.8	MS3339-5-9	#6 (M3) Screw	100	1000
MTP5S-E10-C			6.75	171.5	.50	12.7	.13	3.2	6.25	158.8	—	#10 (M5) Screw	100	1000
MTP5H-E6-C		M, I, S, HS, LH, H	8.09	205.5	.63	16.0	.20	5.2	7.50	190.5	MS3339-10-9	#6 (M3) Screw	100	1000
MTP5H-E10-C			8.09	205.5	.63	16.0	.20	5.2	7.50	190.5	—	#10 (M5) Screw	100	1000
MTP6H-E6-C	6		9.59	243.6	.63	16.0	.20	5.2	9.00	228.6	MS3339-11-9	#6 (M3) Screw	100	1000
MTP6H-E10-C			9.59	243.6	.63	16.0	.20	5.2	9.00	228.6	—	#10 (M5) Screw	100	1000

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard, LH = Light-Heavy and H = Heavy.

Right Angle Mounts

- Holds cable bundles away from the sharp edges of bulkheads or cabinet holes
- Can also be used to mount cable bundles adjacent to any surface
- For indoor use only

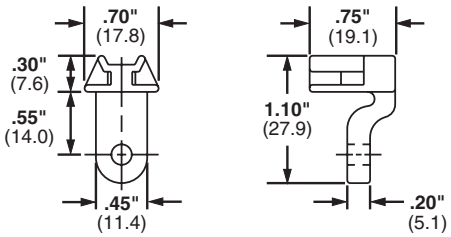


Part Number	Used With Cable Ties‡	Length A		Width B		Height C		Hole Spacing D		Material	Color	Mil. Std. Part Number	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm						
RAMS-S3-M	M, I, S	.56	14.2	.39	9.9	.44	11.0	.28	7.1	Nylon 6.6	Natural	MS3341-2-9	#3 (M2.5) Screw or 3/32 (2.4) Rivet	1000	5000
RAMH-S6-D	M, I, S, HS, LH, H	1.00	25.4	.75	19.1	1.00	25.4	.28	7.1			MS3341-1-9	#6 (M3) Screw or 1/8 (3.2) Rivet	500	5000
RAMH-S10-D	M, I, S, HS, LH, H	1.00	25.4	.75	19.1	1.00	25.4	.50	12.7			—	#10 (M5) Screw or 3/16 (4.7) Rivet	500	5000

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard, LH = Light-Heavy and H = Heavy, SGM = *Super Grip*™ Miniature, SGI = *Super Grip*™ Intermediate, SGS = *Super Grip*™ Standard.

Lightening Hole Mounts

- Secures cable bundles that run through bulkhead lightening holes
- Protects cable bundles from sharp edges
- For indoor use only



Part Number	Used With Cable Ties‡	Material	Color	Mil. Std. Part Number	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
LHMS-S5-D	M, I, S	Nylon 6.6	Natural	—	#5 (M3) Screw or 1/8 (3.2) Rivet	500	2500
LHMS-S6-D				MS3340-1-9	#6 (M3) Screw or 9/64 (3.5) Rivet	500	2500
LHMS-S10-D				—	#10 (M5) Screw or 3/16 (4.7) Rivet	500	2500

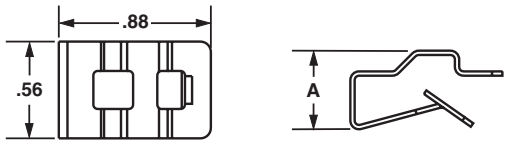
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Metal Clip-On Mounts

- Clips on sheet metal edges for fast mounting of harness with cable ties
- Allows cable tie entry from all four sides for easy harness orientation
- For indoor use only

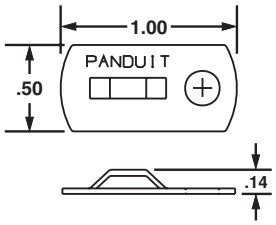


Part Number	Used With Cable Ties	Height A		Max. Panel Thickness		Material	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm				
MCMS12-P-C	M, I, S	.31	8.0	.13	3.2	Zinc Plated Steel	Clip-On	100	500
MCMS25-P-C		.46	11.5	.24	6.1			100	500
MCMS30-P-C		.55	14.0	.27	6.9			100	500

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Metal Screw-On Mount

- Screw applied aluminum mounting base for a secure support in demanding applications

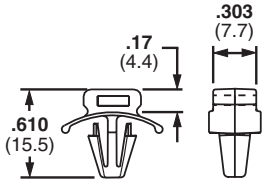


Part Number	Used With Cable Ties‡	Material	Environment	Mounting Method	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
					Lbs.	g		
MBMS-S10-C	M, I, S	Aluminum	Indoors/Outdoors	#10 (M5) Screw	10.00	4540	100	1000

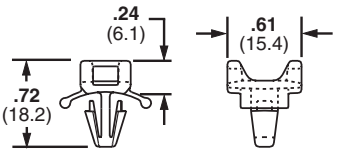
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Push Barb Cable Tie Mounts

- Wing provides added stability
- Requires no adhesive or additional mounting hardware
- Can be used where only one side of the panel is accessible



PWMS



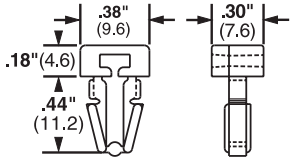
TM2PWH

Part Number	Used With Cable Ties‡	Max. Panel Thickness		Panel Hole Diameter		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm						
PWMS-H25-C	M, I, S	.105	2.7	.250	6.54	Nylon 6.6	Natural	Indoors	Push Barb	100	1000
PWMS-H25-M0		.105	2.7	.250	6.54	Weather Resistant Nylon 6.6	Black	Outdoors	Push Barb	1000	5000
TM2PWH25-C		.094	2.3	.250	6.4	Nylon 6.6	Natural	Indoors	Push Barb	100	500

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Push Mounts

- Push mounts require no adhesive or additional mounting hardware
- Can be used where only one side of the panel is accessible

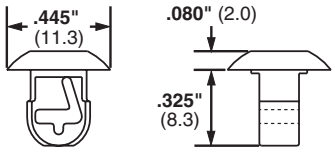


Part Number	Used With Cable Ties‡	Max. Panel Thickness		Panel Hole Diameter		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm						
PM2H25-C	M, I, S	.125	3.2	.250	6.4	Nylon 6.6	Natural	Indoors	Push Barb	100	500
PM2H25-M0		.125	3.2	.250	6.4	Weather Resistant Nylon 6.6	Black	Outdoors		1000	5000
PM2H25-M30		.125	3.2	.250	6.4	Heat Stabilized Nylon 6.6	Black	Indoors		1000	5000

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Push Button Mount

- Push mounts require no adhesive or additional mounting hardware
- Designed for use where both sides of the panel are accessible



Part Number	Used With Cable Ties‡	Max. Panel Thickness		Panel Hole Diameter		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm						
PBMS-H25-C	M, I, S	.125	3.2	.250	6.4	Nylon 6.6	Natural	Indoors	Push Barb	100	1000
PBMS-H25-C14		.125	3.2	.250	6.4	Nylon 6.6	Gray	Indoors		100	1000
PBMS-H25-M0		.125	3.2	.250	6.4	Weather Resistant Nylon 6.6	Black	Outdoors		1000	5000
PBMS-H25-M30		.125	3.2	.250	6.4	Heat Stabilized Nylon 6.6	Black	Indoors		1000	5000

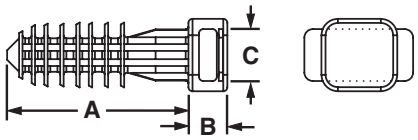
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Order number of pieces required, in multiples of Standard Package Quantity.

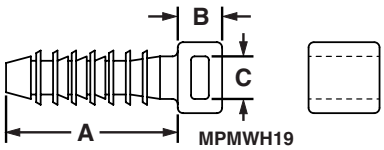
Prime items appear in **BOLD**.

Masonry Push Mounts

- Used to secure wire, cable, or tubing to masonry surfaces
- Installed quickly into pre-drilled holes; design holds bundle securely



MPMWH32



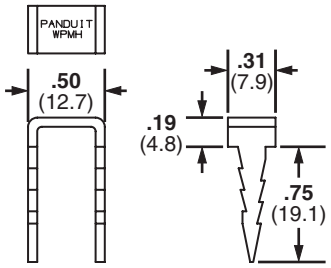
MPMWH19
MPMWH25
MPMWH38

Part Number	Used With Cable Ties‡	Grip Length A		Height B		Hole Diameter C		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In	mm						
MPMS19-C0	M, I, S	.97	24.6	.25	6.4	.187	5.0	Impact Modified Weather Resistant Nylon 6.6	Black	Outdoors	Tree Barb	100	500
MPMS25-C0		.97	24.6	.27	6.9	.250	6.4					100	500
MPMH38-L0	M, I, S, HS, LH, H & HLM	1.25	31.8	.30	7.5	.375	9.5					50	500
MPMWH32-L0	M, I, S, HS, LH, H & HLM	1.41	35.8	.28	7.1	.315	8.0					50	500

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard, LH = Light-Heavy, H = Heavy and HLM = Miniature *TAK-TY®* Hook & Loop Ties.

Wood Push Mount

- Used to secure wire, cable, or tubing to wood surfaces
- Barbed design holds mount in place – rated for 60 lb. pullout

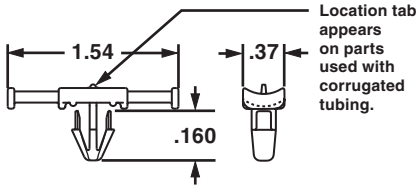


Part Number	Used With Cable Ties‡	Material	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
WPMH-C	M, I, S, HS, LH, H & HLM	Plated Steel	Indoors/Outdoors	Hammer into Wood	100	—

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard, LH = Light-Heavy, H = Heavy and HLM = Miniature *TAK-TY®* Hook & Loop Ties.

Cable Tie Harness Mounts

- Designed to be attached to the wire harness during assembly
- Cable ties can be installed by hand or with *PANDUIT* automatic cable tie tools
- Used with harness board standoff posts, see page B2.44
- Available with or without corrugated tubing location tab
- Natural Nylon material for indoor use
- Heat Stabilized Nylon material (30) for high temperature applications – indoor use



Part Number	Used With Cable Ties‡	Max. Panel Thickness In.	Max. Panel Thickness mm	Panel Hole Dia. In.	Panel Hole Dia. mm	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
FOR CORRUGATED TUBING – A location tab on the mount shelf aligns with the corrugated tubing grooves to ensure proper mount location during assembly										
THMSP20-C	M, I, S	.160	4.1	.244 – .283	6.2 – 7.2	Nylon 6.6	Natural	Push Barb	100	1000
THMSP20-C30	M, I, S	.160	4.1	.244 – .283	6.2 – 7.2	Heat Stabilized Nylon 6.6	Black	Push Barb	100	1000
THMSP25-C	M, I, S	.230	5.8	.244 – .283	6.2 – 7.2	Nylon 6.6	Natural	Push Barb	100	1000
THMSP25-C30	M, I, S	.230	5.8	.244 – .283	6.2 – 7.2	Heat Stabilized Nylon 6.6	Black	Push Barb	100	1000
FOR DISCRETE WIRING – No location tab										
THMSP20F-C	M, I, S	.160	4.1	.244 – .283	6.2 – 7.2	Nylon 6.6	Natural	Push Barb	100	1000
THMSP20F-C30	M, I, S	.160	4.1	.244 – .283	6.2 – 7.2	Heat Stabilized Nylon 6.6	Black	Push Barb	100	1000
THMSP25F-C	M, I, S	.230	5.8	.244 – .283	6.2 – 7.2	Nylon 6.6	Natural	Push Barb	100	1000
THMSP25F-C30	M, I, S	.230	5.8	.244 – .283	6.2 – 7.2	Heat Stabilized Nylon 6.6	Black	Push Barb	100	1000

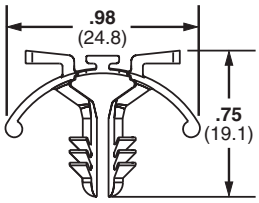
Cable tie cross sections: M = Miniature, I = Intermediate and S = Standard.

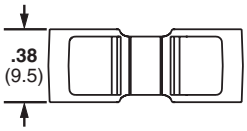
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Tie Harness Mount for Single Cable Tie

- Secured with only one cable tie
- Cable ties can be installed by hand or with *PANDUIT* automatic cable tie tools
- Wing design provides added stability
- Natural Nylon material for indoor use
- Heat Stabilized material for high temperature applications – indoor use



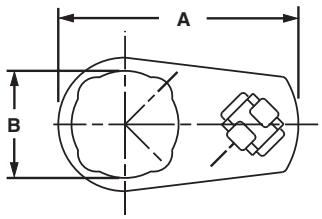


Part Number	Used With Cable Ties	Max. Panel Thickness		Panel Hole Diameter		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm						
THM1SC-C	M, I, S	.135	3.4	.250	6.4	Nylon 6.6	Natural	Indoors	Tree Barb	100	1000
THM1SC-C30	M, I, S	.135	3.4	.250	6.4	Heat Stabilized Nylon 6.6	Black	Indoors/High Temp	Tree Barb	100	1000

Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Control Panel Mount

- Installed behind control panel switch
- Ideal for high strain areas where cable is routed from panel to panel door
- Compatible with most control panel switch designs

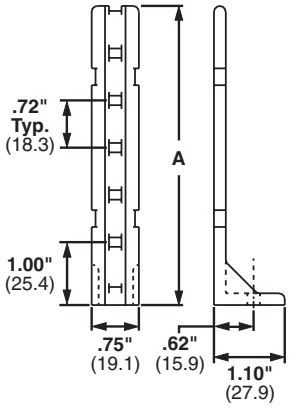


Part Number	Used With Cable Ties‡	Length A		Width B		Height C		Material	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm				
CPM87S-C	M, I, S	2.01	51.1	.89	22.6	.17	4.3	Zinc Plated Steel	Control Panel Switch	100	1000
CPM122S-C	M, I, S	2.82	71.7	1.22	31.0	.17	4.3	Zinc Plated Steel	Control Panel Switch	100	1000

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

PAN-POST™ Standoff

- Supports cable bundles above or away from surface
- For indoor use only

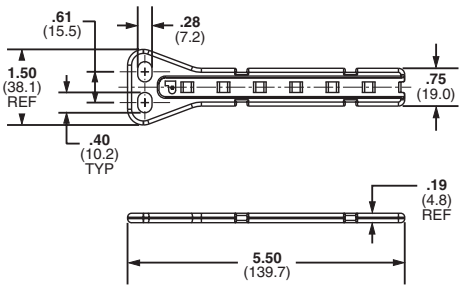


Part Number	Used With Cable Ties‡	Height A		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm					
PP1S-S10-X	M, I, S	2.00	50.8	Nylon 6.6	Natural	#10 (M5) Screw	10	100
PP1S-S12-X	M, I, S	2.00	50.8	Nylon 6.6	Natural	#12 (M5.5) Screw	10	100
PP2S-S10-X	M, I, S	4.60	116.8	Nylon 6.6	Natural	#10 (M5) Screw	10	100
PP2S-S12-X	M, I, S	4.60	116.8	Nylon 6.6	Natural	#12 (M5.5) Screw	10	100

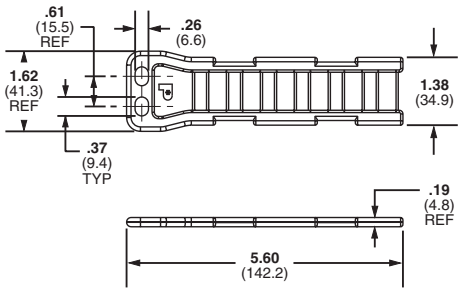
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Flat *PAN-POST*™ Standoffs

- Standard EIA hole spacing allows product to be mounted with user supplied screws up to 1/4" diameter
- Organize cables in standard cabinets and racks
- Mounting method: 1/4" (M6) Screw
- Use where space is limited
- For indoor use only



PPF2S



PPF2SV

Part Number	Used With Cable Ties‡	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
PPF2S-S25-V	M, I, S	Nylon 6.6	Natural	Two 1/4" (M6) Screws	5	100
PPF2S-S25-V69		Flame Retardant Nylon 6.6				
PPF2SV-S25-V	M, I, S, HS, LH, H, HLM, HLS, & HLT	Nylon 6.6				
PPF2SV-S25-V69		Flame Retardant Nylon 6.6				

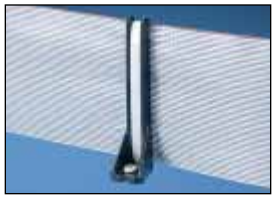
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard, LH = Light-Heavy, H = Heavy, HLM = Miniature *TAK-TY*® Hook & Loop Ties, HLS = Standard *TAK-TY*® Hook & Loop Ties and HLT = *TAK-TY*® Hook & Loop Ties.

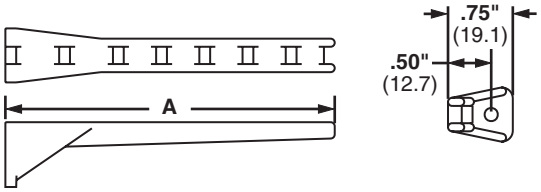
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Right Angle Base

- Supports cable above the mounting surface



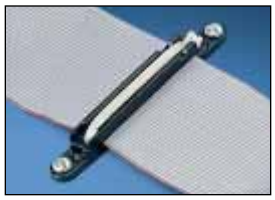


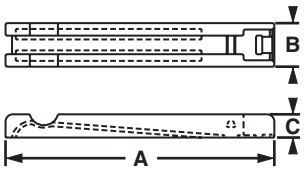
Part Number *	Used With Cable Ties	Max. Flat Cable Width		Length A		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm						
RAFCBI1-S6-C20	I	1.00	25.4	1.75	44.4	Nylon 6.6	Black	Indoors	#6 (M3) Screw	100	1000
RAFCBI2-S6-C20	I	2.00	50.8	2.78	70.6						
RAFCBI3-S6-C20	I	3.00	76.2	3.81	19.1						

*Cable Tie Cross Section Sizes: I = Intermediate.

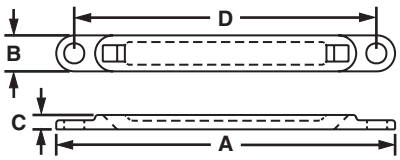
Flat Cable Mounting System

- Secures stacked cables, folds, and breakouts, as well as laminated and molded bus bars
- Use one base, one corresponding size plate (FCPI), and one Intermediate cross section cable tie
- For indoor use only





FCPI



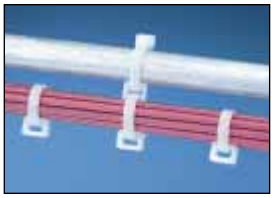
FCBI

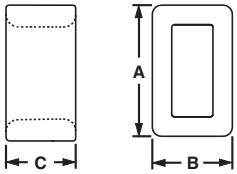
Part Number	Max. Flat Cable Width		Length A		Width B		Height C		Hole Spacing D		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In	mm					
FCBI1-A-C20	1.00	25.4	2.50	83.5	.38	9.5	.15	3.8	2.08	52.8	Nylon 6.6	Black	User supplied adhesive	100	1000
FCBI2-A-C20	2.00	50.8	3.50	88.9	.38	9.5	.15	3.8	3.10	78.7			User supplied adhesive	100	1000
FCBI3-A-C20	3.00	76.2	4.52	114.8	.38	9.5	.15	3.8	4.12	104.6			User supplied adhesive	100	1000
FCBI1-S10-C20	1.00	25.4	2.50	83.5	.38	9.5	.15	3.8	2.08	52.8			#10 (M5) Screw	100	1000
FCBI2-S10-C20	2.00	50.8	3.50	88.9	.38	9.5	.15	3.8	3.10	78.7			#10 (M5) Screw	100	1000
FCBI3-S10-C20	3.00	76.2	4.52	114.8	.38	9.5	.15	3.8	4.12	104.6			#10 (M5) Screw	100	1000
FCPI1-C20*	1.00	25.4	1.29	32.8	.38	26.4	.20	5.1	—	—			Cable Ties	100	1000
FCPI2-C20*	2.00	50.8	2.31	58.7	.38	51.8	.20	5.1	—	—			Cable Ties	100	1000
FCPI3-C20*	3.00	76.2	3.32	84.3	.38	77.2	.20	5.1	—	—			Cable Ties	100	1000

*Recommend use with PLT2I Cable Ties.

Closed Connector Rings

- Connects multiple cable bundles
- For indoor use only



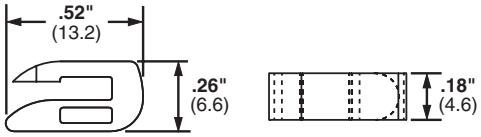


Part Number	Used With Cable Ties‡	Length A		Width B		Height C		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm					
CR2-M	M, I, S	.33	8.4	.20	5.1	.197	5.0	Nylon 6.6	Natural	Cable Ties	1000	10000
CR4H-M	M, I, S, HS, LH	.57	14.5	.30	7.6	.36	9.1					
CR4H-M0	M, I, S, HS, LH	.57	14.5	.30	7.6	.36	9.1					

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard and LH = Light-Heavy.

Open Connector Ring

- Designed to add on cable bundles without removing cable ties

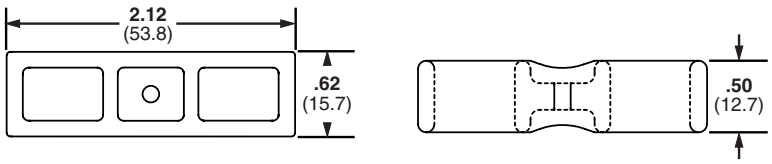


Part Number	Used With Cable Ties‡	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
CROS-M	M, I, S	Nylon 6.6	Natural	Indoors	Connects to M, I, S Cable Ties	1000	5000

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Cable Spacers

- Used to separate and/or hang cords, cables, and tubing



Part Number	Used With Cable Ties‡	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
CSH-D20	M, I, S, HS, LH, H	Nylon 6.6	Black	Indoors	Cable Ties	500	2500
CSH-D0	M, I, S, HS, LH, H	Weather Resistant Nylon 6.6	Black	Indoors/Outdoors	Cable Ties	500	2500

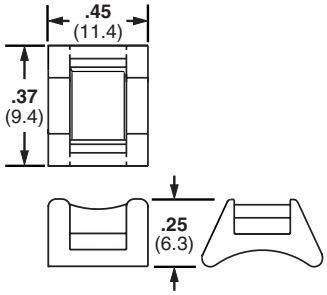
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate, S = Standard, HS = Heavy Standard, LH = Light-Heavy and H = Heavy.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Cable Spacer Cross

- Connects two bundles at 90°
- Separates bundles to prevent abrasion
- Dual cradle design stabilizes cable bundle

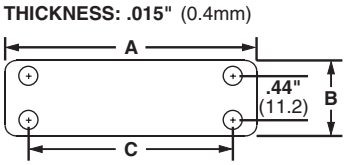


Part Number	Used With Cable Ties‡	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
CSCS-M	M, I, S	Nylon 6.6	Natural	Indoors	Cable Ties	1000	10000

‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Marker Plates

- Install as flags, tags, or wrap-around identification plates to clearly identify all wire harnesses
- Use with nylon marking pens for an easy and economic alternative to identify wire harnesses
- Available in black or white to match the wire harness

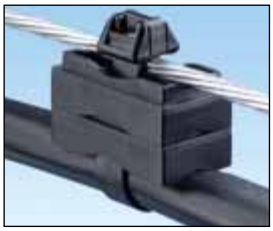


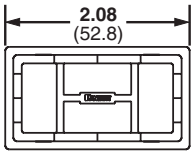
Part Number	Used With Cable Ties‡	Length A		Width B		Hole Spacing C		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm						
Loose Piece													
MP150-C	M, I, S	1.50	38.1	.75	19.0	1.03	26.2	Nylon 6.6	White	Indoors	Cable Ties	100	500
MP175-C	M, I, S	1.75	44.4	.75	19.0	1.28	32.5					100	500
MP200-C	M, I, S	2.00	50.8	.75	19.0	1.53	38.9					100	500
MP250-C	M, I, S	2.50	63.5	.75	19.0	2.03	51.6					100	500
MP350-C	M, I, S	3.50	88.9	.75	19.0	3.03	77.7					100	1000
MP250W175-C	M, I, S	2.50	63.5	1.75	44.5	2.03	51.6					100	1000
MP150-C0	M, I, S	1.50	38.1	.75	19.0	1.03	26.2	Weather Resistant Nylon 6.6	Black	Outdoors		100	500
MP175-C0	M, I, S	1.75	44.4	.75	19.0	1.28	32.5					100	500
MP200-C0	M, I, S	2.00	50.8	.75	19.0	1.53	38.9					100	500
MP250-C0	M, I, S	2.50	63.5	.75	19.0	2.03	51.6					100	500
MP350-C0	M, I, S	3.50	88.9	.75	19.0	3.03	77.7					100	1000
Rolls													
MP150-R	M, I, S	1.50	38.1	.75	19.0	1.03	26.2	Nylon 6.6	White	Indoors	Cable Ties	1000	5000
MP175-R	M, I, S	1.75	44.4	.75	19.0	1.28	32.5					1000	5000
MP200-R	M, I, S	2.00	50.8	.75	19.0	1.54	38.9					1000	5000
MP250-R	M, I, S	2.50	63.5	.75	19.0	2.03	51.6					1000	5000

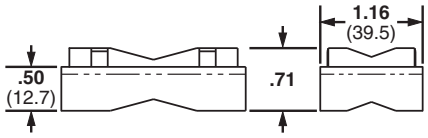
‡Cable Tie Cross Section Sizes: M = Miniature, I = Intermediate and S = Standard.

Stackable Aerial Cable Spacer

- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Each spacer snaps into another to increase spacer heights by 1/2" increments
- Designed for use in parallel or perpendicular applications
- For use with *DURA-TY*™ Cable Ties shown on page B1.50 or *PAN-STEEL*® Metal Locking Ties, see pages B3.3, B3.4, B3.5





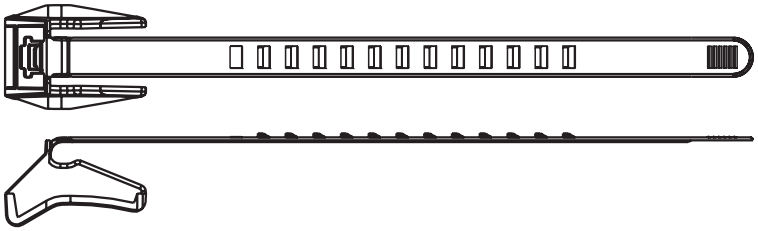


Part Number	Used with Cable Ties	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
SACS50-T100	LH, H, EH	Weather Resistant Polypropylene	Black	Outdoors	Cable Ties	200	2000

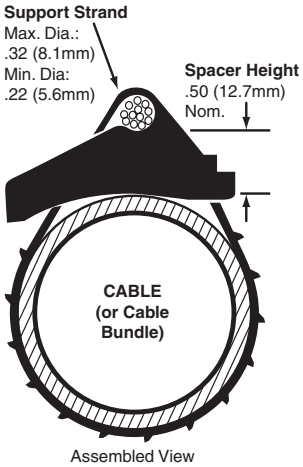
Cable Tie Cross Sections: LH = Light-Heavy, H = Heavy, EH = Extra-Heavy.

Aerial Support Tie – Weather Resistant Polypropylene

- Designed to attach coax or telephone cable to the 1/4" (6.4mm) or 5/16" (7.9mm) support strand to form the expansion loop and keep equipment and cables clear of pole hardware
- One-piece construction with integral 1/2" (12.7mm) spacer reduces inventory costs of separate spacer and bands, and installs faster to lower installed cost
- Releasable and reusable



Part Number	Length		Width		Thickness		Max. Bundle Dia.		Min. Loop Tensile Str.		Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	Lbs.	N			
AST10-5-C100	5.6	142	.448	11.4	.055	1.4	1.00	25	75	334	Hand Installed Only	100	1000
AST15-5-C100	6.9	175	.448	11.4	.055	1.4	1.50	38	75	334		100	1000
AST20-5-C100	8.4	214	.448	11.4	.055	1.4	2.00	51	75	334		100	1000
AST25-5-C100	10.0	254	.448	11.4	.070	1.8	2.50	64	75	334		100	1000



Assembled View

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Cable and Wire Mounting Devices (used without cable ties)

Wiring Accessories are an integral part of the *PANDUIT* comprehensive selection of wire management products.

These accessories are one piece solutions that help provide the lowest installed cost for controlling, mounting and protecting wire and cable. Mounting methods include:

- Adhesive-backed
- Screw applied
- Rivet applied
- Push mounts

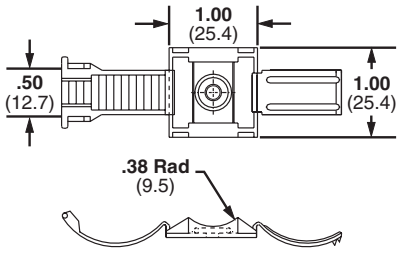
Adhesive Backed Mounting Devices

Faster Liner Removal Speeds Installation and Lowers Installed Cost

- The adhesive backed mounts are offered either as one or two mounts per liner
- The two-up mounts are easily removed by bending the mounts away from the liner
- The individual mounts have a convenient tear tab for quick removal

CLINCHER™ Adjustable Releasable Clamp

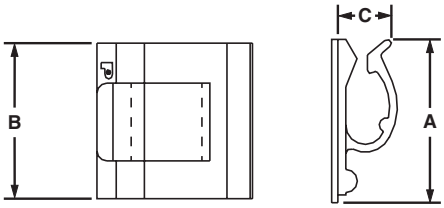
- Adjustable clamp designed to contain a range of cable bundle diameters
- Latch can be released to provide access to cable bundles
- For indoor use only
- Material: Polypropylene



Part Number	Bundle Diameter Range		Color	Mounting Method	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm			Lbs.	g		
ARC.68-A-Q	.19-.69	4.8-17.5	White	Rubber Adhesive	.50	227	25	250
ARC.68-A-Q14	.19-.69	4.8-17.5	Gray	Rubber Adhesive	.50	227	25	250
ARC.68-S6-Q	.19-.69	4.8-17.5	White	#6 (M3) Screw	—	—	25	250
ARC.68-S6-Q14	.19-.69	4.8-17.5	Gray	#6 (M3) Screw	—	—	25	250

Adhesive Backed Cord Clips

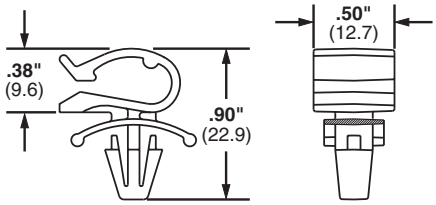
- Cables are easily snapped into or out of the clips
- For indoor use only



Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Length A In.	Length A mm	Width B In.	Width B mm	Height C In.	Height C mm	Material	Color	Adhesive Type	Max. Static Load Lbs.	Max. Static Load g	Std. Pkg. Qty.	Std. Ctn. Qty.
ACC19-A-C	.19	4.8	.76	19.3	.63	16.0	.25	6.5	Nylon 6.6	Natural	Rubber	.20	91	100	500
ACC19-AT-C	.19	4.8	.76	19.3	.63	16.0	.26	6.6	Nylon 6.6	Natural	Acrylic	.20	91	100	500
ACC19-A-C20	.19	4.8	.76	19.3	.63	16.0	.27	6.7	Nylon 6.6	Black	Rubber	.20	91	100	500
ACC19-AT-C0	.19	4.8	.76	19.3	.63	16.0	.28	6.8	Weather Resistant Nylon 6.6	Black	Acrylic	.20	91	100	500
ACC38-A-C	.38	9.6	1.00	25.4	1.00	25.4	.27	6.9	Nylon 6.6	Natural	Rubber	.50	227	100	500
ACC38-AT-C	.38	9.6	1.00	25.4	1.00	25.4	.28	6.10	Nylon 6.6	Natural	Acrylic	.50	227	100	500
ACC38-A-C20	.38	9.6	1.00	25.4	1.00	25.4	.29	6.11	Nylon 6.6	Black	Rubber	.50	227	100	500
ACC38-AT-C0	.38	9.6	1.00	25.4	1.00	25.4	.30	6.12	Weather Resistant Nylon 6.6	Black	Acrylic	.50	227	100	500
ACC62-A-C	.62	15.7	1.24	31.5	1.12	28.5	.63	16.1	Nylon 6.6	Natural	Rubber	.70	318	100	500
ACC62-AT-C	.62	15.7	1.24	31.5	1.12	28.5	.63	16.1	Nylon 6.6	Natural	Acrylic	.70	318	100	500
ACC62-A-C20	.62	15.7	1.24	31.5	1.12	28.5	.63	16.1	Nylon 6.6	Black	Rubber	.70	318	100	500
ACC62-AT-C0	.62	15.7	1.24	31.5	1.12	28.5	.63	16.1	Weather Resistant Nylon 6.6	Black	Acrylic	.70	318	100	500

Push Mount Cord Clip

- Cables are easily snapped into or out of clips
- Winged design holds mount in place even in applications where vibration is present
- Design of wing provides added stability
- For indoor use only



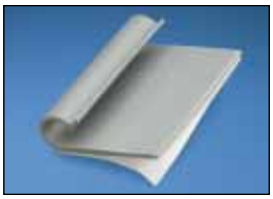
Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Max. Panel Thickness In.	Max. Panel Thickness mm	Panel Hole Diameter In.	Panel Hole Diameter mm	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
PMCC38H25-C	.38	9.6	.105	2.7	.250	6.4	Nylon 6.6	Natural	Indoors	Push Barb	100	1000
PMCC38H25-M0	.38	9.6	.105	2.7	.250	6.4	Weather Resistant Nylon 6.6	Black	Outdoors	Push Barb	1000	5000

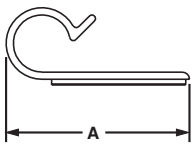
Order number of pieces required, in multiples of Standard Package Quantity.

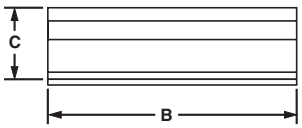
Prime items appear in **BOLD**.

"J" Clips

- Low profile clips retain cords, cables, or tubing
- Flexible design allows for easy cord insertion, yet holds bundle tightly
- For indoor use only



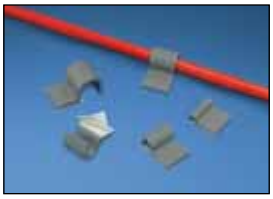


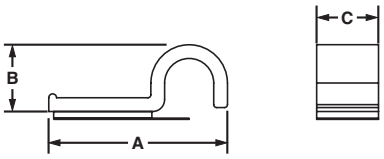


Part Number	Max. Bundle Diameter		Length A		Width B		Height C		Material	Color	Adhesive Type	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm				Lbs.	g		
AJC19-A-C	.19	4.8	1.25	31.8	.87	22.1	.26	6.6	PVC	Light Gray	Rubber	.50	227	100	1000
AJC25-A-C	.25	6.4	1.50	38.1	.97	24.6	.31	7.9				.60	272	100	1000
AJC31-A-C	.31	7.9	1.75	44.5	1.22	30.1	.40	10.2				.90	408	100	1000
AJC38-A-C	.38	9.6	2.00	50.8	1.27	32.3	.50	12.7				1.00	454	100	1000

A1C Type Clips

- Holds cords, cables and tubing
- Single rubber adhesive pad for confined areas
- For indoor use only



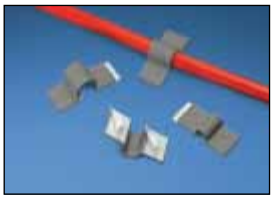


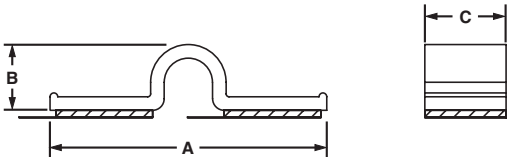
Part Number	Max. Bundle Diameter		Length A		Width B		Height C		Material	Color	Adhesive Type	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
	In	mm	In	mm	In	mm	In	mm				Lbs.	g		
A1C12-A-C8	.12	3.0	.77	19.6	.63	16.0	.23	5.8	PVC	Light Gray	Rubber	.14	169	100	1000
A1C25-A-C8	.25	6.4	.91	23.1	.63	16.0	.38	9.7				.14	169	100	1000
A1C38-A-C8	.38	9.5	1.04	26.4	.63	16.0	.51	13.0				.14	169	100	1000
A1C50-A-C8	.50	12.7	1.17	29.7	.63	16.0	.64	16.3				.14	169	100	1000

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

A2C Type Clips

- Holds cords, cables and tubing
- Two rubber adhesive pads for added strength
- For indoor use only

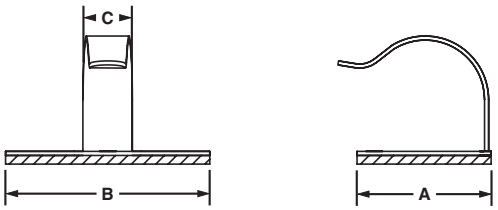




Part Number	Max. Bundle Dia. In.	Max. Bundle Dia. mm	Length A In.	Length A mm	Width B In.	Width B mm	Height C In.	Height C mm	Material	Color	Adhesive Type	Max. Static Load Lbs.	Max. Static Load g	Std. Pkg. Qty.	Std. Ctn. Qty.
A2C12-A-C8	.12	3.0	1.30	33.0	.63	16.0	.23	5.8	PVC	Light Gray	Rubber	.14	64	100	1000
A2C25-A-C8	.25	6.4	1.43	36.3	.63	16.0	.36	9.1				.14	64	100	1000
A2C38-A-C8	.38	9.5	1.56	39.6	.63	16.0	.49	12.4				.14	64	100	1000
A2C50-A-C8	.50	12.7	1.72	43.7	.63	16.0	.61	15.5				.14	64	100	1000

Metal Adhesive Backed Cord Clips

- Can be opened and closed without damaging clip in order to remove or add cables quickly and easily



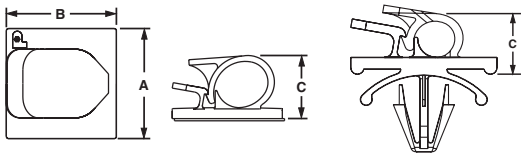
Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Length A In.	Length A mm	Width B In.	Width B mm	Clip Width C In.	Clip Width C mm	Material	Environment	Adhesive Type	Max. Static Load Lbs.	Max. Static Load g	Std. Pkg. Qty	Std. Ctn. Qty.
MACC25-A-C	.25	6.4	.77	19.6	.54	13.7	.29	7.4	Zinc Plated Steel	Indoors	Rubber	.21	95	100	1000
MACC62-A-C	.62	15.7	1.18	30.0	.78	19.7	.29	7.0				.44	200	100	1000

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Latching Wire Clips

- Routes and secures cords and cables
- Convenient releasable latch
- Available in six sizes with releasable latch
- Rubber-based adhesive provides a strong and reliable bond



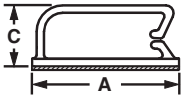
LWC**-A LWC**-H25

Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Length In.	Length mm	Width In.	Width mm	Height In.	Height mm	Color	Max. Static Load Lbs.	Max. Static Load g	Std. Pkg. Qty.	Std. Ctn. Qty.
Rubber Adhesive													
LWC19-A-C	.19	4.8	.85	21.6	.61	15.5	.39	9.9	Natural	.25	113	100	1000
LWC19-A-C14	.19	4.8	.85	21.6	.61	15.5	.39	9.9	Gray	.25	113	100	1000
LWC19-A-C20	.19	4.8	.85	21.6	.61	15.5	.39	9.9	Black	.25	113	100	1000
LWC25-A-C	.25	6.4	.88	22.2	1.00	25.4	.45	11.4	Natural	.45	204	100	1000
LWC25-A-C14	.25	6.4	.88	22.2	1.00	25.4	.45	11.4	Gray	.45	204	100	1000
LWC25-A-C20	.25	6.4	.88	22.2	1.00	25.4	.45	11.4	Black	.45	204	100	1000
LWC38-A-C	.37	9.5	1.00	25.4	1.00	25.4	.56	14.2	Natural	.50	227	100	1000
LWC38-A-C14	.37	9.5	1.00	25.4	1.00	25.4	.56	14.2	Gray	.50	227	100	1000
LWC38-A-C20	.37	9.5	1.00	25.4	1.00	25.4	.56	14.2	Black	.50	227	100	1000
LWC50-A-L	.50	12.7	1.26	32.0	1.00	25.4	.67	17.0	Natural	.63	284	50	500
LWC50-A-L14	.50	12.7	1.26	32.0	1.00	25.4	.67	17.0	Gray	.63	284	50	500
LWC50-A-L20	.50	12.7	1.26	32.0	1.00	25.4	.67	17.0	Black	.63	284	50	500
LWC75-A-L	.75	19.1	1.48	37.6	1.24	31.5	.90	22.9	Natural	.93	417	50	500
LWC75-A-L14	.75	19.1	1.48	37.6	1.24	31.5	.90	22.9	Gray	.93	417	50	500
LWC75-A-L20	.75	19.1	1.48	37.6	1.24	31.5	.90	22.9	Black	.93	417	50	500
LWC100-A-L	1.00	25.4	2.21	56.1	1.97	50.0	1.26	32.0	Natural	2.25	1020	50	500
LWC100-A-L14	1.00	25.4	2.21	56.1	1.97	50.0	1.26	32.0	Gray	2.25	1020	50	500
LWC100-A-L20	1.00	25.4	2.21	56.1	1.97	50.0	1.26	32.0	Black	2.25	1020	50	500
Push Barb^													
LWC19-H25-C	.19	4.8	.85	21.6	.51	12.8	.41	10.4	Natural	—	—	100	1000
LWC19-H25-C14	.19	4.8	.85	21.6	.51	12.8	.41	10.4	Gray	—	—	100	1000
LWC25-H25-C	.25	6.4	.86	21.8	.58	14.7	.47	11.9	Natural	—	—	100	1000
LWC25-H25-C14	.25	6.4	.86	21.8	.58	14.7	.47	11.9	Gray	—	—	100	1000
LWC25-H25-C20	.25	6.4	.86	21.8	.58	14.7	.47	11.9	Black	—	—	100	1000
LWC38-H25-C	.37	9.5	.94	23.9	.58	14.7	.57	14.5	Natural	—	—	100	1000
LWC38-H25-C14	.37	9.5	.94	23.9	.58	14.7	.57	14.5	Gray	—	—	100	1000
LWC38-H25-C20	.37	9.5	.94	23.9	.58	14.7	.57	14.5	Black	—	—	100	1000
LWC50-H25-L	.50	12.7	1.25	31.8	.76	19.3	.78	19.8	Natural	—	—	50	500
LWC50-H25-L14	.50	12.7	1.25	31.8	.76	19.3	.78	19.8	Gray	—	—	50	500
LWC50-H25-L20	.50	12.7	1.25	31.8	.76	19.3	.78	19.8	Black	—	—	50	500
LWC75-H25-L	.75	19.1	1.45	36.8	.87	22.1	.97	24.7	Natural	—	—	50	500
LWC75-H25-L14	.75	19.1	1.45	36.8	.87	22.1	.97	24.7	Gray	—	—	50	500
LWC75-H25-L20	.75	19.1	1.45	36.8	.87	22.1	.97	24.7	Black	—	—	50	500
LWC100-H25-L	1.00	25.4	1.89	47.9	1.00	25.4	1.30	33.0	Natural	—	—	50	500
LWC100-H25-L14	1.00	25.4	1.89	47.9	1.00	25.4	1.30	33.0	Gray	—	—	50	500
LWC100-H25-L20	1.00	25.4	1.89	47.9	1.00	25.4	1.30	33.0	Black	—	—	50	500

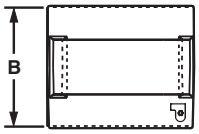
^Push barb parts are for use with a max panel thickness of .105" (2.7mm) and a hole diameter of .220" (5.6mm).

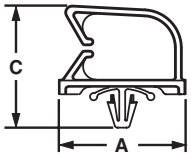
Bevel Entry Clips

• Beveled entry allows for easy insertion of cable bundle



BEC





BECP

Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Length A In.	Length A mm	Width B In.	Width B mm	Height C In.	Height C mm	Material	Color	Environment	Mounting Method	Max. Static Load Lbs.	Max. Static Load g	Std. Pkg. Qty.	Std. Ctn. Qty.
Adhesive Backed																
BEC38-A-L	.38	9.6	1.46	37.1	1.24	31.5	.52	13.2	Nylon 6.6	Natural	Indoors	Rubber Adhesive	.91	411	50	500
BEC38-A-L20	.38	9.6	1.46	37.1	1.24	31.5	.52	13.2	Nylon 6.6	Black	Indoors	Rubber Adhesive	.91	411	50	500
BEC38-AT-L0	.38	9.6	1.46	37.1	1.24	31.5	.52	13.2	Weather Resistant Nylon 6.6	Black	Outdoors	Acrylic Adhesive	.91	411	50	500
BEC62-A-L	.62	15.7	1.46	37.1	1.24	31.5	.79	20.1	Nylon 6.6	Natural	Indoors	Rubber Adhesive	.91	411	50	500
BEC62-A-L20	.62	15.7	1.46	37.1	1.24	31.5	.79	20.1	Nylon 6.6	Black	Indoors	Rubber Adhesive	.91	411	50	500
BEC62-AT-L0	.62	15.7	1.46	37.1	1.24	31.5	.79	20.1	Weather Resistant Nylon 6.6	Black	Outdoors	Acrylic Adhesive	.91	411	50	500
BEC62-A-T20	.62	15.7	1.46	37.1	1.24	31.5	.79	20.1	Nylon 6.6	Black	Indoors	Adhesive Backed	.91	411	200	1000
BEC75-A-L	.75	19.0	1.46	37.1	1.49	37.8	.89	22.6	Nylon 6.6	Natural	Indoors	Rubber Adhesive	1.09	493	50	500
BEC75-A-L20	.75	19.0	1.46	37.1	1.49	37.8	.89	22.6	Nylon 6.6	Black	Indoors	Rubber Adhesive	1.09	493	50	500
BEC75-AT-L0	.75	19.0	1.46	37.1	1.49	37.8	.89	22.6	Weather Resistant Nylon 6.6	Black	Outdoors	Acrylic Adhesive	1.09	493	50	500
Push Barb																
BECP38H25-L*	.38	9.6	1.46	37.1	.73	18.5	1.00	25.4	Nylon 6.6	Natural	Indoors	Inserted into Pre-Drilled Hole	—	—	50	500
BECP38H25-L20*	.38	9.6	1.46	37.1	.73	18.5	1.00	25.4		Black			—	—	50	500
BECP75H25-L*	.75	19.0	1.47	37.3	.73	18.5	1.35	34.3		Natural			—	—	50	500
BECP75H25-L20*	.75	19.0	1.47	37.3	.73	18.5	1.35	34.3		Black			—	—	50	500

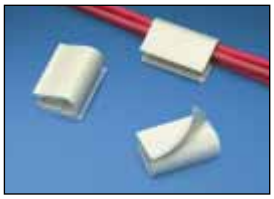
*Push barb parts are for use with a max panel thickness of .08" (1.9mm) and a hole diameter of .25" (6.4mm).

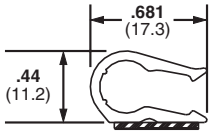
Order number of pieces required, in multiples of Standard Package Quantity.

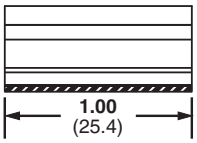
Prime items appear in **BOLD**.

Adhesive Backed Dual Cord Clip

• Holds two cables in high temperature applications





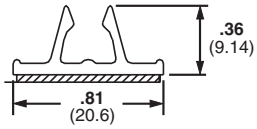


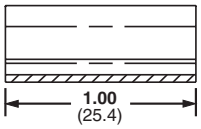
Part Number	Max. Bundle Diameter		Material	Color	Environment	Adhesive Type	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm					Lbs.	g		
ADCC31-AT-C10	.33	9.0	NORYL*	White	Indoors	Acrylic	.25	113	100	500

*NORYL is a registered trademark of General Electric Company.

Adhesive Backed Mount Cord Clip

• Holds a single cable
• Vertical cable entry for ease of installation
• Funnel entry speeds cable insertion

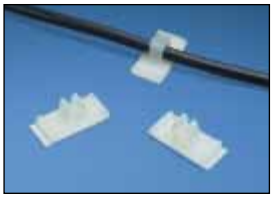


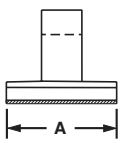


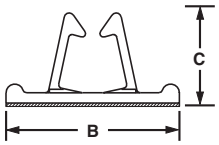
Part Number	Max. Bundle Diameter		Material	Color	Environment	Adhesive Type	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm					Lbs.	g		
AMC25-AT-C10	.22 – .28	6 – 7	PVC	White	Indoors	Acrylic	.40	182	100	1000

Vertical Cord Clip

• Funnel entry design allows for easy insertion of cords and cables
• Vertical cable entry for ease of installation
• For indoor use only



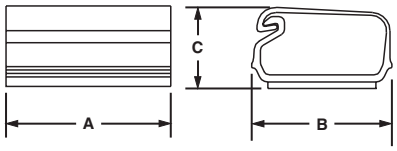




Part Number	Max. Bundle Diameter		Length A		Width B		Height C		Material	Color	Adhesive Type	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm				Lbs.	g		
VCC25-A-C20	.25	6.4	1.00	25.4	.50	12.7	.44	11.2	Nylon 6.6	Black	Rubber	.25	113	100	1000
VCC25-A-C	.25	6.4	1.00	25.4	.50	12.7	.44	11.2		Natural		.25	113	100	500
VCC50-A-C	.50	12.7	1.56	39.7	1.00	25.4	.81	20.6		Natural		.78	339	100	500

Adhesive Backed Latching Clips

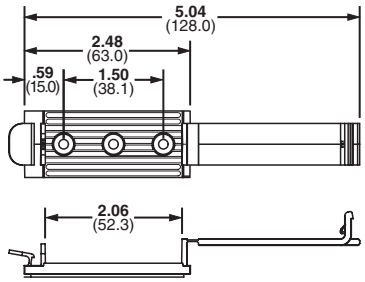
- Latching cover withstands vibration
- For indoor use only



Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Length A In.	Length A mm	Width B In.	Width B mm	Height C In.	Height C mm	Material	Color	Adhesive Type	Max. Static Load Lbs.	Max. Static Load g	Std. Pkg. Qty.	Std. Ctn. Qty.
LC3-A-C8	.20	5.0	.75	19.1	.75	19.0	.47	11.9	PVC	Light Gray	Rubber	.22	100	100	1000
LC5-A-C8	.36	9.1	1.01	25.7	1.00	25.4	.61	15.5				.44	200	100	1000
LC10-A-L8	.93	23.6	1.51	38.4	1.00	25.4	.84	21.3				.60	272	50	500

Cable Holder – Adhesive Backed

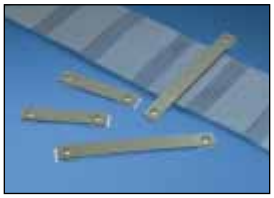
- Convenient releasable latch allows easy addition and removal of cables
- Low profile design provides a compact cable routing solution
- For indoor use only

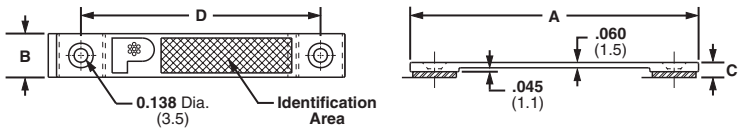


Part Number	Cable Width In.	Cable Width mm	Material	Color	Mounting Method	Max. Static Load Lbs.	Max. Static Load g	Std. Pkg. Qty.	Std. Ctn. Qty.
CH105-A-C14	2.06	52.3	Nylon 6.6	Gray	Rubber	1.28	581	100	1000
CH105-S6-C14	2.06	52.3			#6 (M3) Screw	—	—	100	1000

Low Profile Flat Cable Mounts

- Three sizes provide a cost effective flat cable containment for stack heights up to .105" (2.7mm)
- Features a matte, textured surface, for either hand written identification or application of computer labels
- Low profile design holds wires, cables, and tubing
- For indoor use only





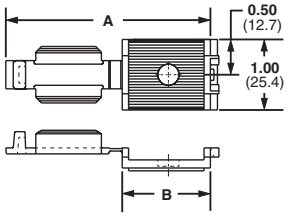
Part Number	Cable Width In.	Cable Width mm	Length A In.	Length A mm	Width B In.	Width B mm	Height C In.	Height C mm	Hole Spacing D In.	Hole Spacing D mm	Material	Color	Adhesive Type	Std. Pkg. Qty.	Std. Ctn. Qty.
LPFCM14-A-C14	1.44	37	2.56	65.0	.50	12.7	.13	3.4	2.00	50.8	Nylon 6.6	Gray	Rubber	100	500
LPFCM22-A-C14	2.19	56	3.31	84.0	.50	12.7	.13	3.4	2.75	69.9				100	500
LPFCM34-A-C14	3.44	87	4.56	115.8	.50	12.7	.13	3.4	4.00	101.6				100	500

Order number of pieces required, in multiples of Standard Package Quantity.

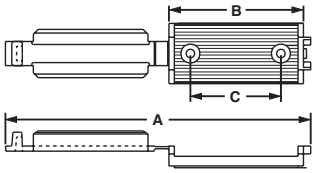
Prime items appear in **BOLD**.

Latching Flat Cable Mounts

- Available in four sizes with a stack height of .17" (4.3mm) to accommodate different flat cable widths
- Low profile design holds wires, cables, and tubing
- Convenient releasable latch
- Large mounting base for high bonding strength
- For indoor use only



FCM1 & FCM1.2

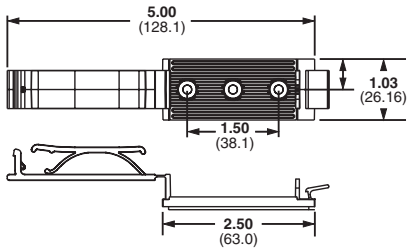


FCM2 & FCM3.25

Part Number	Cable Width In.	Cable Width mm	Length A In.	Length A mm	Width B In.	Width B mm	Hole Spacing C In.	Hole Spacing C mm	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
Adhesive Backed													
FCM1-A-C14	1.06	26.7	2.90	73.7	1.00	25.4	—	—	Nylon 6.6	Gray	Rubber adhesive	100	500
FCM1.2-A-C14	1.20	30.5	3.16	80.3	1.00	25.4	—	—				100	1000
FCM2-A-C14	2.22	56.4	5.06	128.5	1.00	25.4	2.05	52.1				100	500
FCM3.25-A-L14	3.38	85.9	7.30	185.4	1.00	25.4	3.23	82.0				50	500
Screw Mounted													
FCM1-S6-C14	1.06	26.7	1.21	30.7	1.00	25.4	—	—	Nylon 6.6	Gray	#6 (M3) Screw	100	1000
FCM1.2-S6-C14	1.21	30.7	1.37	34.8	1.20	30.5	—	—				100	1000
FCM2-S6-C14	2.22	56.4	5.06	128.5	1.00	25.4	1.50	38.1				100	1000
FCM3.25-S6-L14	3.38	85.9	3.38	85.9	1.00	25.4	3.23	82.0				50	500

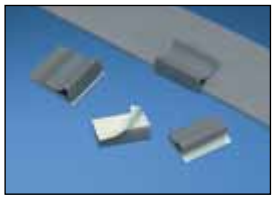
Latching Flat Cable Holder

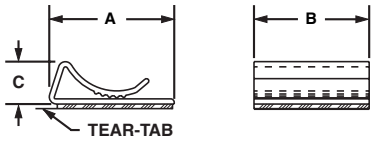
- Designed for flat cable up to a cable stack height of .25" (6.4mm) or discrete wire
- Low profile design holds wires, cables, and tubing
- Convenient releasable latch
- Large mounting base for high bonding strength
- For indoor use only



Flat Cable Clips

- Use with any width flat cable for a maximum stack height of .17" (4.3mm)
- Low profile design holds wires, cables, and tubing
- For indoor use only

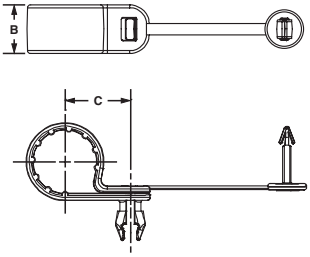


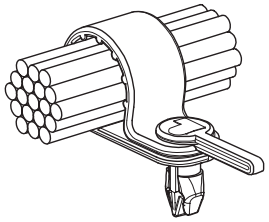


Part Number	Cable Width In./mm	Length A		Width B		Height C		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm					
FCC5-A-C8	Any width flat cable	1.00	25.4	.56	14.2	.29	7.4	PVC	Gray	Rubber	100	1000
FCC-A-C8		1.00	25.4	1.09	27.7	.38	9.7				100	1000

PAN-CLAMP™ Heavy Duty Fixed Diameter Clamp

- One-piece design significantly reduces installation time
- Integrated ribs prevent rotation of cable bundles and ensures secure grip on hoses





Part Number	Max. Bundle Diameter A		Width B		Bundle Offset C		Max. Panel Thickness		Panel Hole Diameter		Material	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm				
PC038-H25D-C0	.38	9.5	.62	15.7	.64	16.3	.126	3.2	.281	7.1	Impact Modified Weather Resistant Nylon 6.6	Black	100	500
PC050-H25D-C0	.50	12.7	.62	15.7	.71	17.9	.126	3.2	.281	7.1			100	500
PC062-H25D-C0	.63	15.8	.62	15.7	.77	19.5	.126	3.2	.281	7.1			100	500
PC075-H25D-C0	.75	19.1	.62	15.7	.83	21.1	.126	3.2	.281	7.1			100	1000
PC087-H25D-C0	.88	22.1	.62	15.7	.89	22.7	.126	3.2	.281	7.1			100	1000
PC100-H25D-C0	1.00	25.4	.62	15.7	.96	24.3	.126	3.2	.281	7.1			100	1000
PC112-H25D-C0	1.13	28.5	.62	15.7	1.02	25.8	.126	3.2	.281	7.1			100	1000
PC125-H25D-C0	1.25	31.8	.62	15.7	1.08	27.4	.126	3.2	.281	7.1			100	1000

1) Install into 3.2mm thick panel or bracket with a hole diameter of 7.1mm typical clearance hole for 6mm bolts.

2) Molded barbs keep the clamp secured in the hole during assembly.

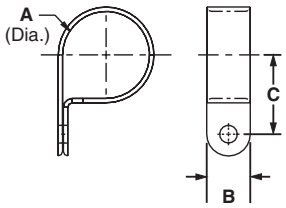
3) Rivet installs easily by hand. No special tools required.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Fixed Diameter Cable Clamps

• Durable nylon 6.6 cable clamps

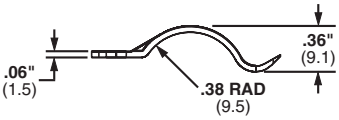


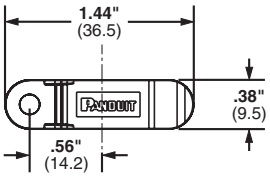
Part Number	Max. Bundle Diameter A		Width B		Bundle Offset C		Mounting Method	Std. Pkg. Qty	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm			
CCS12-S8-C	.12	3.1	.37	9.4	.33	8.4	#8 (M4) Screw	100	500
CCS19-S8-C	.19	4.8	.37	9.4	.43	10.9	#8 (M4) Screw	100	500
CCS25-S8-C	.25	6.3	.37	9.4	.41	10.4	#8 (M4) Screw	100	500
CCS25-S10-C	.25	6.3	.37	9.4	.41	10.4	#10 (M5) Screw	100	500
CCS31-S8-C	.32	7.9	.37	9.4	.49	12.4	#8 (M4) Screw	100	500
CCS38-S8-C	.38	9.5	.37	9.4	.59	15.0		100	500
CCS44-S8-C	.44	11.1	.37	9.4	.57	14.5		100	500
CCS50-S8-C	.50	12.7	.37	9.4	.60	15.2		100	500
CCH12-S10-C	.12	3.1	.50	12.7	.36	9.1	#10 (M5) Screw	100	500
CCH19-S10-C	.19	4.8	.50	12.7	.42	10.7		100	500
CCH25-S10-C	.25	6.3	.50	12.7	.46	11.7		100	500
CCH31-S10-C	.32	7.9	.50	12.7	.50	12.7		100	500
CCH38-S10-C	.38	9.5	.50	12.7	.54	13.5		100	500
CCH44-S10-C	.44	11.1	.50	12.7	.56	14.2		100	500
CCH50-S10-C	.50	12.7	.50	12.7	.59	15.0		100	500
CCH56-S10-C	.58	14.2	.50	12.7	.61	15.5		100	500
CCH62-S10-C	.62	15.7	.50	12.7	.65	16.5		100	500
CCH69-S10-C	.69	17.5	.50	12.7	.75	19.1		100	500
CCH75-S10-C	.76	19.1	.50	12.7	.78	19.8		100	500
CCH81-S10-C	.81	20.6	.50	12.7	.81	20.6		100	500
CCH87-S10-C	.87	22.1	.50	12.7	.84	21.3		100	500
CCH100-S10-C	1.00	25.4	.50	12.7	.91	23.1		100	500
CCH112-S10-C	1.12	28.4	.50	12.7	.97	24.6		100	500
CCH119-S10-C	1.19	30.2	.50	12.7	1.00	25.4		100	500
CCH125-S10-C	1.25	31.8	.50	12.7	1.06	26.9		100	500
CCH138-S10-C	1.37	34.8	.50	12.7	1.12	28.4		100	500
CCH150-S10-C	1.50	38.1	.50	12.7	1.19	30.2		100	500

All parts listed are also available in black weather resistant material (add suffix 0). Bulk package only.

Wire Retainers

- Wires slide into the clip and are held in place by tension
- Funnel entry design allows for easy insertion of cords and cables
- Low profile design holds wires, cables, and tubing

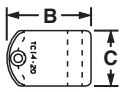


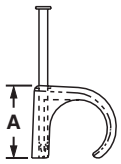


Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
TWR-C	.38	9.5	Nylon 6.6	Natural	Indoors	#6 (M3) Screw	100	500
TWR-C0	.38	9.5	Weather Resistant Nylon 6.6	Black	Outdoors	#6 (M3) Screw	100	500

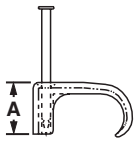
Tack Clips

- Clips secure cords, cables and tubing
- Hardened steel nail securely mounts to wooden surfaces
- Suitable for outdoor use





TYPE S (SINGLE)



TYPE D (DOUBLE)

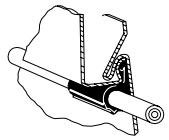
Part Number	Type	Bundle Capacity In.	Bundle Capacity mm	Length A In.	Length A mm	Width B In.	Width B mm	Height C In.	Height C mm	Coaxial Cross RG#	Material	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
TC3-5-C100	Single	.13	3.3	.29	7.4	.23	5.8	.20	5.1	187	Weather Resistant Polypropylene	Black	100	1000
TC5-7-C100	Single	.21	5.3	.39	9.9	.23	5.8	.31	7.9	58			100	1000
TC7-10-C100	Single	.27	6.9	.49	12.5	.35	8.9	.38	9.7	59			100	1000
TC10-14-C100	Single	.35	8.9	.59	14.9	.45	11.4	.51	13	6A			100	1000
TC14-20-C100	Single	.52	13.2	.79	20.6	.54	13.7	.67	17	8A, 9B, 11			100	1000
TC5X8-C100	Double	.20 x .31	5 x 7.9	.54	13.7	.27	6.8	.30	8.8	—			100	1000
TC6X10-C100	Double	.23 x .38	6 x 9.7	.62	15.7	.34	8.6	.34	8.6	—			100	1000
TC7X14-C100	Double	.25 x .46	6.4 x 12	.70	17.8	.43	10.9	.36	9.1	—			100	1000
TC9X18-C100	Double	.37 x .65	9.4 x 17	.89	22.6	.52	13.2	.50	12.7	—			100	1000

Order number of pieces required, in multiples of Standard Package Quantity.

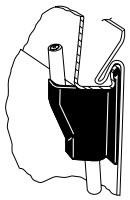
Prime items appear in **BOLD**.

Siding Clips

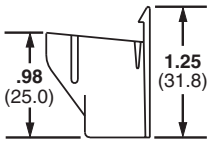
- Low profile installs without drilling or nailing
- Attaches coax cable to buildings having “Pittsburgh Interlok” type aluminum or steel siding
- Will not corrode or stain siding

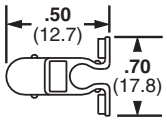


Horizontal Siding Clip

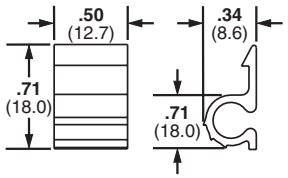


Vertical Siding Clip





VSC Vertical Clip

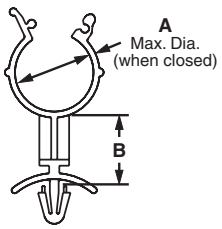


HSC Horizontal Clip

Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
HSC.25-L	.25	6.4	Nylon 6.6	White	Clip	50	500
HSC.25-L100	.25	6.4	Weather Resistant Polypropylene	Black	Clip	50	500
VSC.25-L	.25	6.4	Nylon 6.6	White	Clip	50	500
VSC.25-L100	.25	6.4	Weather Resistant Polypropylene	Black	Clip	50	500

Wire Standoffs

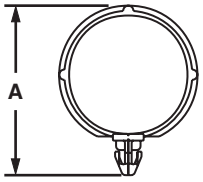
- For retaining wires, cable, components or tubing away from panel or conductive chassis
- Finger grip flanges can be easily locked or unlocked for revisions
- Design of wing provides added stability



Part Number	Max. Bundle Diameter A In.	Max. Bundle Diameter A mm	Standoff Height B In.	Standoff Height B mm	Max. Panel Thickness In.	Max. Panel Thickness mm	Panel Hole Diameter In.	Panel Hole Diameter mm	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
WS25-25-C	.25	6.4	.25	6.4	.08	2.0	.187	4.7	Nylon 6.6	Natural	Push Barb	100	500
WS25-50-C	.25	6.4	.50	12.7	.08	2.0	.187	4.7				100	500
WS25-75-C	.25	6.4	.75	19.1	.08	2.0	.187	4.7				100	500
WS35-25-C	.35	8.9	.25	6.4	.08	2.0	.187	4.7				100	500
WS35-50-C	.35	8.9	.50	12.7	.08	2.0	.187	4.7				100	500
WS35-75-C	.35	8.9	.75	19.1	.08	2.0	.187	4.7				100	500
WS50-25-C	.47	11.9	.25	6.4	.08	2.0	.187	4.7				100	500
WS50-50-C	.47	11.9	.50	12.7	.08	2.0	.187	4.7				100	500
WS50-75-C	.47	11.9	.75	19.1	.08	2.0	.187	4.7				100	500
WS75-25-C	.78	19.8	.25	6.4	.08	2.0	.187	4.7				100	500
WS75-50-C	.78	19.8	.50	12.7	.08	2.0	.187	4.7				100	500
WS75-75-C	.78	19.8	.75	19.1	.08	2.0	.187	4.7				100	500

Snap-In Clips

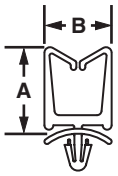
- Clips around bundle to hold securely in place
- Clips are placed on the bundle then attached to the panel



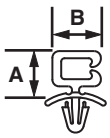
Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Height A In.	Height A mm	Max. Panel Thickness In.	Max. Panel Thickness mm	Panel Hole Diameter In.	Panel Hole Diameter mm	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
SICH25-C	.25	6.4	.40	20.9	.10	2.5	.250	6.4	Nylon 6.6	Natural	Push Barb	100	500
SICH38-C	.38	9.7	.54	24.9	.10	2.5	.250	6.4				100	500
SICH50-C	.50	12.7	.67	28.2	.10	2.5	.250	6.4				100	500
SICH75-C	.75	19.1	.96	35.6	.10	2.5	.250	6.4				100	500
SICH100-C	1.00	25.4	1.21	41.9	.10	2.5	.250	6.4				100	500
SICH150-C	1.50	38.0	1.71	54.6	.10	2.5	.250	6.4				100	500

Wire Saddles

- Funnel entry design for fast insertion of wires and cables
- Available in vertical and horizontal loading configurations
- Design of wing provides added stability



VWS Vertical



HWS Horizontal

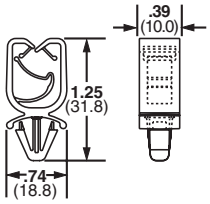
Part Number	Max. Bundle Capacity In.	Max. Bundle Capacity mm	Width A In.	Width A mm	Height B In.	Height B mm	Max. Panel Thickness In.	Max. Panel Thickness mm	Panel Hole Diameter In.	Panel Hole Diameter mm	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
VWS4218-C	.18 x .42	5.0 x 11.0	.60	15.2	.58	14.7	.08	2.0	.19	4.7	Nylon 6.6	Natural	Push Barb	100	500
VWS4238-C	.40 x .42	10.0 x 11.0	.60	15.2	.78	19.8	.08	2.0	.19	4.7				100	500
VWS4274-C	.74 x .42	19.0 x 11.0	.60	15.2	1.14	29.0	.08	2.0	.19	4.7				100	500
VWS42105-C	1.05 x .42	27.0 x 11.0	.60	15.2	1.45	36.8	.08	2.0	.19	4.7				100	1000
HWS2819-C	.19 x .28	5.0 x 11.0	.44	11.2	.42	10.7	.08	2.0	.19	4.7				100	500

Order number of pieces required, in multiples of Standard Package Quantity.

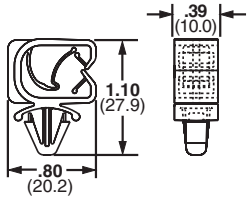
Prime items appear in **BOLD**.

Harness Clips

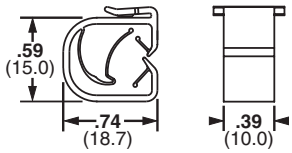
- Integral “spring” holds wire bundles tightly
- Available in vertical and horizontal loading configurations
- Design of wing provides added stability



HCMP06B



HCMP06C

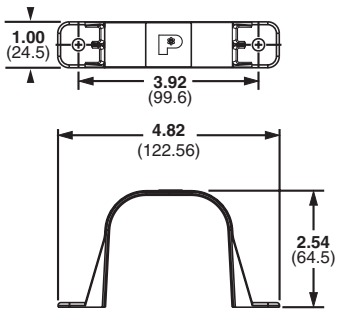


HCME06A12

Part Number	Max. Bundle Diameter Range		Max. Panel Thickness		Panel Hole Diameter		Material	Color	Environment	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm						
HCMP06B12-C20	.24 – .47	5.9 – 12.5	.118	3.0	.25	6.4	Nylon 6.6	Black	Indoor	Push Mount	100	500
HCMP06C12-C20	.24 – .47	5.9 – 12.5	.105	2.7	.25	6.4	Nylon 6.6	Black	Indoor	Push Mount	100	500
HCME06A12-C130	.24 – .47	5.9 – 12.5	.047	1.2	.16 x .43	4.0 x 10.9	Acetal	Black	Outdoors	Clip	100	500

Wire Bundle Strap

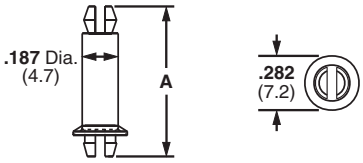
- Securely routes large cable bundles
- Rounded edges prevent damage to cable jackets



Part Number	Bundle Retaining Area Square Inch	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
WBS6-Q	6.00	ABS	White	1/4" (M6) Screw	25	125

Circuit Board Posts

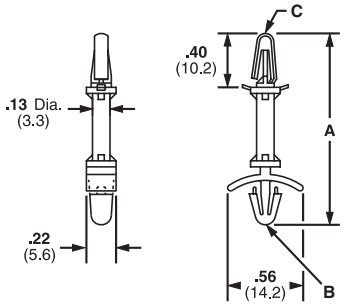
- For board-to-board or board-to-chassis mounting
- Bell flange on bottom end provides greater stability
- Releasable and reusable



Part Number	Standoff Height In.	Standoff Height mm	Height A In.	Height A mm	Panel Hole Diameter In.	Panel Hole Diameter mm	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
CBP12-C	.12	3.0	.40	10.2	.156	3.96	Nylon 6.6	Natural	Push Barb	100	500
CBP25-C	.25	6.4	.54	13.5	.156	3.96				100	500
CBP31-C	.31	7.9	.59	15.0	.156	3.96				100	500
CBP37-C	.37	9.4	.62	15.7	.156	3.96				100	500
CBP50-C	.50	12.7	.78	19.8	.156	3.96				100	500
CBP62-C	.62	15.7	.91	23.0	.156	3.96				100	500
CBP75-C	.75	19.1	1.04	26.2	.156	3.96				100	500
CBP87-C	.87	22.1	1.15	29.2	.156	3.96				100	500
CBP100-C	1.00	25.4	1.28	32.5	.156	3.96				100	500

Circuit Board Locking Supports

- For board-to-chassis support
- Snap-in design for fast assembly
- Design of wing provides added stability
- Releasable and reusable



Part Number	Standoff Height In.	Standoff Height mm	Height A In.	Height A mm	Panel Hole Diameter B In.	Panel Hole Diameter B mm	Chassis Panel Hole Diameter C In.	Chassis Panel Hole Diameter C mm	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
CBLS18-C	.187	4.7	.92	23.4	.187	4.75	.187	4.75	Nylon 6.6	Natural	Push Barb	100	500
CBLS25-C	.250	6.4	.98	24.9	.187	4.75	.187	4.75				100	500
CBLS37-C	.375	9.5	1.11	28.2	.187	4.75	.187	4.75				100	500
CBLS50-C	.500	12.7	1.23	31.2	.187	4.75	.187	4.75				100	500
CBLS62-C	.625	15.9	1.35	34.3	.187	4.75	.187	4.75				100	500
CBLS75-C	.750	19.1	1.48	37.5	.187	4.75	.187	4.75				100	500

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Harness Board Accessories

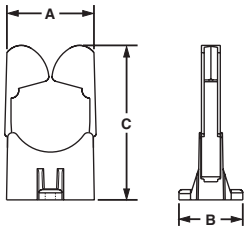
PANDUIT harness board accessories provide fast routing and forming of wires in harness fabrication. They hold the wires off the harness board at a uniform height for easy application of cable ties. The accessories are designed for use with various *PANDUIT* cable tie installation tools. To maintain the harness at a uniform height of approx. 1.33" (33.8mm) (at the center of the harness) above the board, use RER Elastic Retainers, BR.75-E6 or BR.5-E6, CPH.75-S8, TJF and SHH1-S8 or SHH3-S8 harness board accessories. This height is suitable for use with PAT1M Automatic Cable Tie Installation Tool.

Replacement Elastic
For economy, the elastic band can be replaced in the RER Elastic Retainers without removing the RER base.

Part Number	Pkg. Qty.
RER.5E-X	10
RER.75E-X	10
RER1.25E-X	10

Replaceable Elastic Retainers

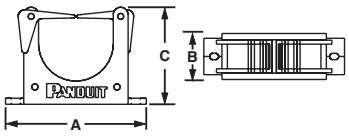
- Cable bundles are formed as individual wires are inserted
- Completed bundles can be easily removed
- The elastic band is replaceable
- For indoor use only



Part Number	Max. Bundle Diameter		Length A		Width B		Height C		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm					
RER.5-S6-X	.50	12.7	1.18	30.0	.84	21.3	1.89	48.0	Nylon 6.6	Black Base, White Arm	Two #6 (M3) Screws	10	50
RER.75-S6-X	.75	19.0	1.18	30.0	1.12	28.4	2.21	56.1				10	50
RER1.25-S6-X	1.25	31.8	1.18	30.0	1.64	41.7	2.86	72.6				10	50

Elastic Retainers

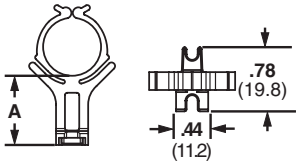
- Cable bundles are formed as cable bundles are inserted
- Completed bundles can be easily removed
- For indoor use only



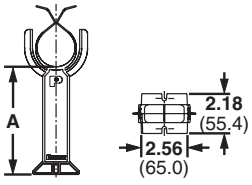
Part Number	Max. Bundle Diameter		Length A		Width B		Height C		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm					
ER.5-E4-X	.50	12.7	1.96	49.8	.56	14.2	1.00	25.4	Nylon 6.6	Black	Two #4 (M2.5) Screws	10	100
ER1.25-E4-X	1.25	31.8	2.90	73.7	.95	24.08	2.00	50.8				10	100

Bundle Retainers

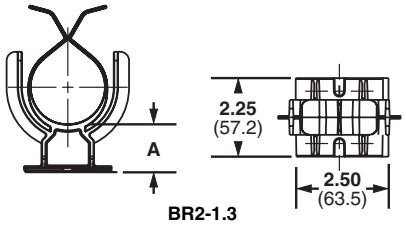
- Funnel entry allows fast cable insertion
- Completed bundles can be easily removed
- For indoor use only



BR.5 and BR.75



BR2

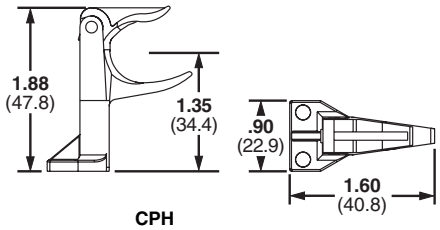


BR2-1.3

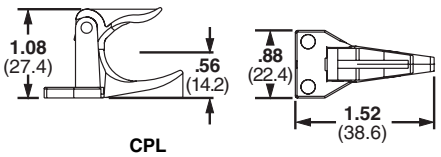
Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Standoff Height A In.	Standoff Height A mm	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
BR.5-E6-C	.50	12.7	1.05	26.7	Impact Resistant Nylon 6.6	Black	Two #6 (M3) Screws	100	500
BR.75-E6-C	.75	19.0	.94	23.9	Impact Resistant Nylon 6.6		Two #6 (M3) Screws	100	500
BR2-1.3-X	2.00	50.8	1.32	33.5	Glass Filled Nylon 6.6		Two 1/4" (M6) Screws	10	100
BR2-1.3-A-X	2.00	50.8	1.35	34.3			Rubber Adhesive	10	100
BR2-1.5-X	2.00	50.8	1.59	40.4			Two 1/4" (M6) Screws	10	100
BR2-4-X	2.00	50.8	4.06	103.1			Two 1/4" (M6) Screws	10	100
BR2-6-X	2.00	50.8	6.02	152.9			Two 1/4" (M6) Screws	10	100

Corner Posts

- Designed to pre-form tight bundles at harness corners and breakouts
- Top arm rotates upward for easy removal of completed harness
- For indoor use only



CPH

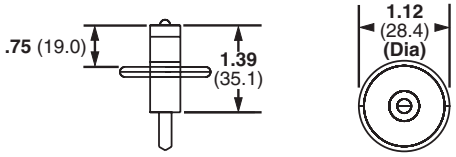


CPL

Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
CPH.75-S8-X	.75	19.0	Nylon 6.6	Black	Two #8 (M4) Screws	10	100
CPL.75-S8-X							

T-Junction Fixture

- Forms cable junctions
- Fixture moves down for easy harness removal
- For indoor use only



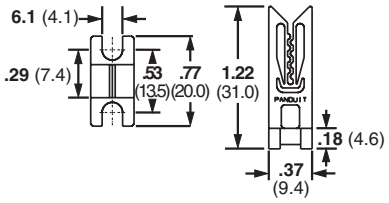
Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
TJF-X	1.34	34.0	Nylon 6.6 and Nickel Plated Steel	Black	Nail	10	100

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Wire End Holder

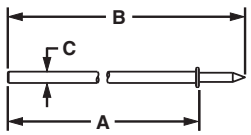
- Secures wire ends while harness is being fabricated
- Used with #28 thru #16 AWG wires
- For indoor use only



Part Number	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
WEH-E8-C	Acetal	Black	Two #8 (M4) Screws	100	1000

Harness Board Nails

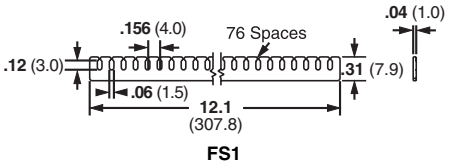
- Speeds routing of wires
- Uniform driving depth is insured by a collar stop
- Smooth finish on nails prevents abrasion to wire jackets
- For indoor use only



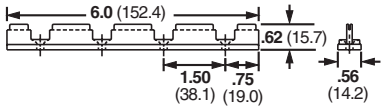
Part Number	Overall Length A		Length B		Thickness C		Material	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm				
HBN.75-T	1.37	34.8	.75	19.1	.073	1.9	Nickel Plated Steel	Hammered into Harness Board	200	1000
HBN1-T	1.62	41.1	1.00	25.4	.073	1.9			200	1000
HBN1.5-T	2.12	53.8	1.50	38.1	.082	2.1			200	1000
HBN2-T	2.62	66.5	2.00	50.8	.093	2.4			200	1000
HBN2.5-T	3.12	79.2	2.50	63.5	.110	2.8			200	1000
HBN3-T	3.62	91.9	3.00	76.2	.120	3.0			200	1000
HBN4-T	4.62	117.3	4.00	101.6	.144	3.7			200	1000

Fanning Strip System

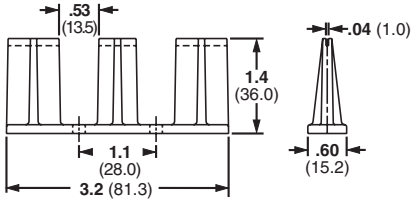
- Holds wires in a specific orientation
- No sharp edges to damage wire insulation
- Will accept wires up to 18 AWG
- Fanning strip can remain as part of completed harness



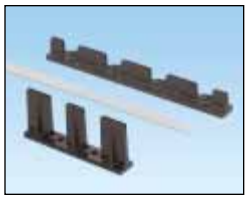
FS1



FSH40



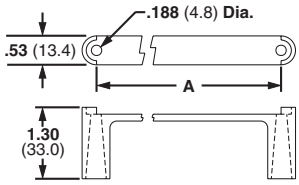
FSHH



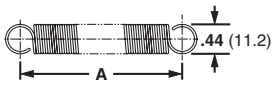
Part Number	Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
FS156-C	Nylon 6.6	Natural	—	100	1000
FSH40-X	ABS	Gray	Four #8 (M4) Screws	10	100
FSHH-X	ABS	Gray	Two #8 (M4) Screws	10	100

Spring Wire Breakout System

- Harness board spring and spring holder holds wire ends secure while harness is being fabricated
- Wires simply pull out from spring when harness is removed



SHH



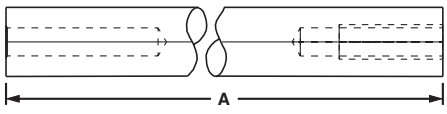
PBSC

Part Number	Hole Spacing A		Material	Color	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm					
PBSC1-X	1.00	25.4	Steel	—	SHH1 Spring Holder	10	100
PBSC3-X	3.00	76.2	Steel	—	—	10	100
PBSC6-X	6.00	152.4	Steel	—	SHH3 Spring Holder	10	100
PBSC12-X	12.00	304.8	Steel	—	—	10	100
SHH1-S8-X*	1.85	47.0	Nylon 6.6	Natural	Two #8 (M4) Screws	10	100

*Supplied with two #8 (M4) screws.

Harness Board Standoff Posts

- Used to hold a push mount accessory or cable tie at a specific location on a harness board



Part Number	Height A		Hole Diameter B		For Use With	Material	Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm					
HB2SP19-X	2.00	50.8	.20	5.1	PLWP, PRWP, WS, VWS, HWS, TPM	Aluminum	M6 Screw	10	100
HB2SP25-X	4.00	101.6	.30	7.5	PLWP, PRWP, PLP, THMS, HCMP, PMCC	Aluminum	M6 Screw	10	100

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Physical Properties and Colors of Cable Accessory Materials

Design Criteria	Nylon 6.6		Weather Resistant Nylon 6.6	Impact Modified Weather Resistant Nylon 6.6	Heat Stabilized Nylon 6.6	Flame Retardant Nylon 6.6		Glass Filled Flame Retardant Nylon 6.6
Color	Natural	Black	Black	Black	Black	Black	Natural	Black
Part Number Suffix	None	20	0	0	30	60	69	None
UL Flammability – UL94	V-2	V-2	V-2	HB	V-2	V-0	V-0	V-0
Gamma Radiation Resistance	$1x10^5$ Rads	$1x10^5$ Rads	$1x10^5$ Rads	N/A	$1x10^5$ Rads	$1x10^5$ Rads	$1x10^5$ Rads	N/A
Water Absorption	1.2% (24 hrs)	1.2% (24 hrs)	1.2% (24 hrs)	1.2% (24 hrs)	1.2% (24 hrs)	1.1% (24 hrs)	1.1% (24 hrs)	0.7% (24 hrs)
UV Resistance	Poor	Fair	Good	Good	Fair	Poor	Poor	Poor
Maximum Continuous Use Temperature	185°F (85°C)	185°F (85°C)	85°F (85°C)	185°F (85°C)	257°F (125°C)	230°F (110°C)	230°F (110°C)	230°F (110°C)
Minimum Continuous Use Temperature	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)

Physical Properties and Colors of Cable Accessory Materials (continued)

Design Criteria	Heat Stabilized Nylon 6		TEFZEL■	General Purpose Polypropylene	Weather Resistant Polypropylene	General Purpose ABS		Weather Resistant ABS	Flame Retardant Polycarbonate	Acetal	PVC
Color	Black	Natural	Black	Black	Black	Black	Natural	Black	Black	Black	Gray, White
Part Number Suffix	630	639	76	None/109	100	None	20	0	None	None	8,10
UL Flammability – UL 94	HB	HB	V-0	HB	HB	HB	HB	HB	V-0	HB	V-0
Gamma Radiation Resistance	N/A	N/A	2x10 Rads	1x10 Rads	1x10 Rads	N/A	N/A	N/A	N/A	N/A	N/A
Water Absorption (24 Hours)	1.5% (24 hrs)	1.5% (24 hrs)	<.3% (24 hrs)	.1% (24 hrs)	.1% (24 hrs)	.3% (24 hrs)	.3% (24 hrs)	.3% (24 hrs)	.15% (24 hrs)	.43% (24 hrs)	.3% (24 hrs)
UV Resistance	Fair	Poor	Excellent	Poor	Good	Poor	Fair	Good	Good	Fair	Poor
Maximum Continuous Use Temperature	250°F (121°C)	250°F (121°C)	302°F (150°C)	221°F (105°C)	221°F (105°C)	185°F (85°C)	185°F (85°C)	185°F (85°C)	257°F (125°C)	194°F (90°C)	122°F (50°C)
Minimum Continuous Use Temperature	-40°F (-40°C)	-40°F (-40°C)	-50°F (-46°C)	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)

■TEFZEL is a registered trademark of E. I. DuPont de Nemours Co.

Selection and Use of Adhesive Mounts

PANDUIT adhesive mounts provide a quick, economical and dependable method of supporting, routing and protecting wires or cables. Some are used with *PANDUIT* cable ties and others can be used without cable ties. Adhesive backed mounts adhere to a variety of surfaces. This alternative to mechanical fasteners offers the advantage of lower installed cost with safe, easy to use, quality products.

Applications

- To route wires in control panels and switchboards
- To support bundles of wires away from moving mechanical devices
- Routing and harnessing cables, both indoors and out, to prevent safety hazards
- To organize flat cables in many locations with low profile construction
- Ideal for supporting wire bundles where holes cannot be made in the substrate
- To separate groups of wires for identification

Selection and Use of Adhesive Mounts (continued)

General Mount Guidelines

PANDUIT pressure sensitive adhesive (foam tape) mounts are intended to secure wire bundles or other light objects to smooth surfaces. These mounts are not designed to support excessive loads and should not be used when the maximum expected load exceeds the rated capacity of the mount.

Choosing the Right Adhesive

PANDUIT offers two standard pressure sensitive foam tapes which are available on most adhesive backed wiring accessories products. The general purpose tape is produced with a rubber based adhesive and is identified by an "-A" in the part number. This tape develops its strength extremely fast and can be used in environments with temperatures ranging from -20°F to +120°F. It is recommended that rubber based adhesive mounts dwell 2 hours after installation, prior to loading. Rubber based adhesive tape is the best choice for most adhesive mount applications, including powder coated surfaces.

Acrylic based adhesive tape is also available and is identified by an "-AT" in the part number. This tape is for use in environments where continuous exposure to temperatures as high as 180°F is possible. Acrylic based adhesive develops its maximum strength over a longer period of time than rubber based adhesive. It is recommended that acrylic adhesive mounts dwell 8 hours after installation, prior to loading. Acrylic based adhesive tape is a good choice for environments with prolonged exposure to UV rays or temperatures above 120°F.

PANDUIT also offers a two-part epoxy for use in applications where excessive loading is required, or where the surface to which the mount must be applied is porous rather than smooth. *PANDUIT* EMA adhesive is a two-part epoxy cement which is packaged in convenient mixer cups containing an equal amount of resin and hardener. Peel the protective covering off and pop the center of the cup in to form a mixing bowl. Each cup is supplied with a mixer stick and contains enough epoxy to properly apply three EMS mounts. The resin and hardener should be thoroughly mixed together until the epoxy is a consistent and uniform color. The mixer stick can then be used to apply the adhesive to the mount. The epoxy should be forced into the grooves on the bottom of the mount to obtain optimum bond performance. The mount should be applied to the surface with light pressure and a back-and-forth twisting motion. Hardening of the epoxy begins five minutes after mixing at room temperature.

Application Chart

Since *PANDUIT* manufactures adhesive backed mounts with a variety of adhesive types, this chart should be used as a guideline for choosing the best adhesive for often-encountered conditions. Each type of adhesive is rated good, fair or poor for some specific mounting surfaces and/or chemical environments.

Surfaces	Rubber Based Foam Tape Mounts	Acrylic Based Foam Tape Mounts	Epoxy Applied Adhesive Mounts
Plastics	Good	Good	Good
Wood	Good	Good	Good
Glass	Fair	Good	Good
Painted Surfaces	Good	Good	Fair
Powder Coating	Good	Fair	Good
Metal	Good[1]	Good[1]	Good
Paper	Good	Good	Fair
Concrete, Stone, Masonry	Not Recommended	Not Recommended	Good
Chemical Resistance			
Water	Good	Good	Poor
Oil	Poor	Fair[3]	Good
Gasoline	Poor	Fair[3]	Fair
Dilute Acids	Poor	Fair[3]	Fair
Dilute Alkalis	Good	Fair[3]	Fair
Organic Solvents	Poor	Fair[3]	Not Recommended
Outdoor Exposure	Not Recommended	Good	Good[2]

1. Not recommended for use on copper or brass.
2. Mounts manufactured from outdoor material only. For specific applications, individual testing prior to extensive use is suggested.
3. Depends on concentration, exposure time and chemical composition.

Mount Spacing

To determine the number of mounts to use in a given application, the following formula can be used as a guideline:

$$\frac{\text{Cable or weight (Lbs./ft.)}}{\text{Static Load rating of Mount (Lbs./mt.)}} = \text{Spacing} \quad \frac{\text{Mounts}}{\text{ft.}}$$

Selection and Use of Adhesive Mounts (continued)

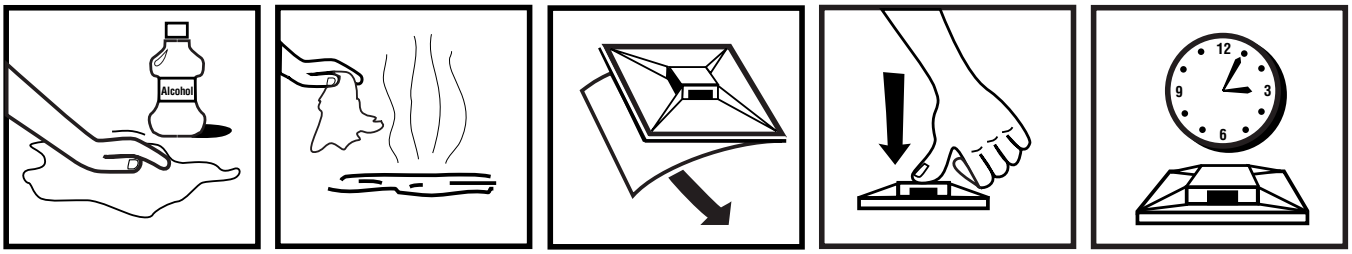
Surface Preparation

For best results, *PANDUIT* adhesive mounts should be applied to clean, dry, grease-free surfaces. We recommend that the surface be cleaned prior to mount installation. For rubber and acrylic based foam tape adhesives, a blend of isopropyl alcohol and water 50/50 may be used to clean most surfaces.

For epoxy type adhesives, especially masonry surfaces, be sure to clean all loose particles away before mount installation. Some surface abrasion is recommended to achieve maximum strength. A light rubbing with medium grit emery cloth or sandpaper is best. Wash after abrading.

Proper Installation Techniques For Pressure Sensitive Adhesive Mounts

For proper installation of adhesive mounts with foam tape, simply remove the release liner and place the mount in the desired location. Avoid touching the adhesive prior to positioning the mount. Apply firm pressure to the mount for 5 seconds to insure proper adhesion.



1) Clean surface with a clean cloth and isopropyl alcohol.

2) Allow surface to air dry.

3) Remove the release liner, being careful not to touch the adhesive.

4) Apply full thumb pressure for at least 5 seconds.

5) Allow mount to properly dwell.

Proper Storage Conditions

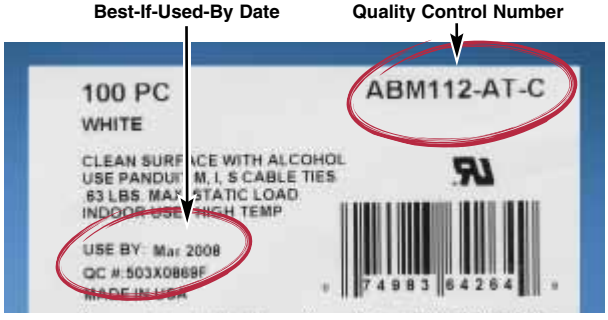
All *PANDUIT* adhesive products have an expiration date printed on the package label. Use the following storage guidelines:

1. For rubber and acrylic based foam tape adhesives, store in temperatures of 70°F (21°C) and 45% Relative Humidity (R.H.).

2. For epoxy type adhesives, store in temperatures of 40°F (4°C) to 75°F (25°C) and relative humidity not in excess of 45%. Storage in opened containers is not recommended. Using the guidelines above, the shelf life of foam tape is 3 years. Shelf life of epoxy is 1 year. Deviation from the recommended storage conditions may reduce the shelf life or adhesive strength. In any case, adhesive products should never be stored near heating vents or other heat sources, and storage in lower temperatures than those recommended may increase the shelf life.

Stock Rotation

Adhesive mount inventory should be rotated in order to insure the quality of the adhesive foam tape. Each package of *PANDUIT* adhesive backed mounts has a Quality Control Number and a best-if-used-by date on the package label. The best-if-used-by date provides the customer with an accurate way to control the rotation of inventory, and, as is the case with all *PANDUIT* products, the Quality Control Number provides complete traceability for all components that go into a specific production run of product.



Mount Removal

There is no simple or easy method for removing *PANDUIT* adhesives. A thin wire or razor blade can be moved in between the surfaces when removing foam tape mounts; however, the adhesive residue will remain on the surface. Epoxy adhesives may be removed with a commercial paint stripping solution.

PAN-STEEL® SYSTEM

The *PAN-STEEL*® System provides a strong, durable method of bundling and fastening, which can be used in virtually all indoor, outdoor and underground (including direct burial) applications. The ties are designed for use in critical applications where strength, vibration, radiation, weathering, corrosion and temperature extremes are a factor.

- **Patented locking head construction assures locking in any position, with a high rated loop tensile strength for a durable solution that delivers an extra margin of safety**
- **Base 304 or 316 stainless steel provides a strong, long-lasting method of bundling and fastening in harsh environments**
- **Accessories available to speed and simplify the mounting of wires, cable and tubing for use with *PANDUIT* Stainless Steel cable ties**
- **Complete line of manual and pneumatic installation tools with controlled tension and automatic cut-off for lower installed cost**

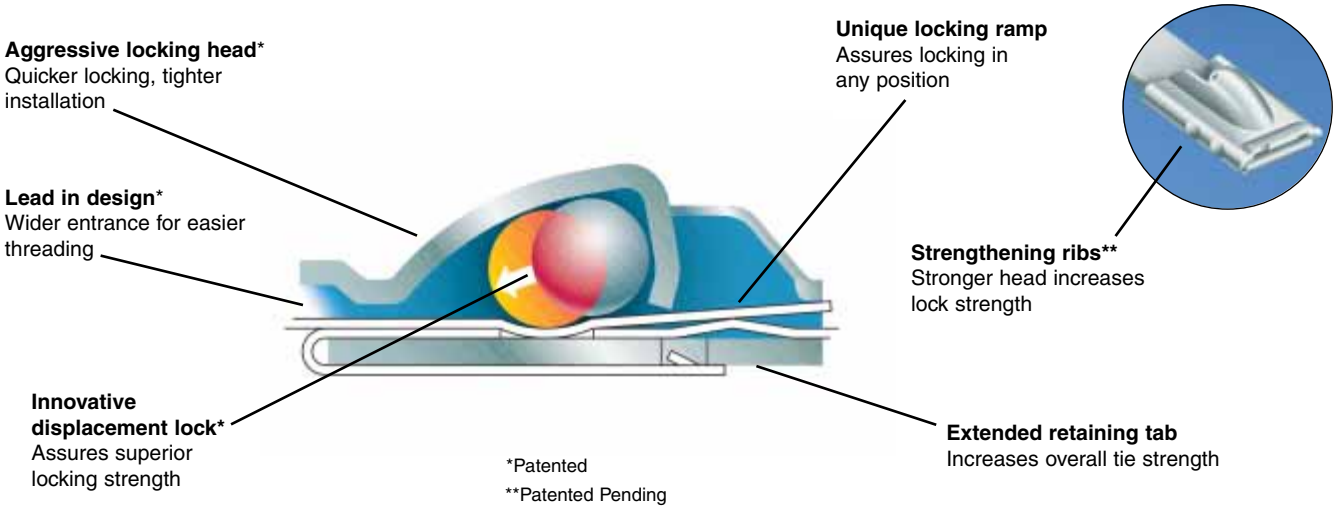
PANDUIT continues to design stainless steel products for the evolving marketplace, by solving customer problems with innovative products and reliable tooling to achieve lowest installed cost.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Features and Benefits – *PAN-STEEL*® Stainless Steel Ties

PANDUIT® *PAN-STEEL*® Stainless Steel Ties are engineered for safety, productivity and durability by providing, round edges and smooth surfaces, easy threading, high loop tensile strength and tight clamping.

Self-Locking Head Construction



*Patented
**Patented Pending

Fully Rounded Edges

***PANDUIT* tie body**

Other manufacturer's tie body

The *PAN-STEEL*® Stainless Steel Cable Tie features fully rounded edges to assure bundle protection and operator safety. *PANDUIT* not only removes the burr, but actually passes the material through a secondary process which removes the top and bottom corners of the material.

Self-Locking for Fast Installation

Self-locking design can be fastened by hand requiring no fold over or additional installation steps.

PAN-STEEL® installation tools for adjustable tension control and automatic cut-off for quick, consistent and secure installation.

Large selection of installation tools, the proper tool available to meet the requirements of every application. See pages B3.13 – B3.15.

PAN-STEEL® System Accessories are used with *PAN-STEEL*® Stainless Steel Cable Ties to speed and simplify the mounting of wires, cables and tubing. Installation methods include screw mounts and push mounts. See pages B3.22 – B3.24.

Part Number System for *PAN-STEEL*® Stainless Steel Ties

(Stock Size Tie)

MLT — **6** — **S** — **CP**

Type

MLT= Metal Locking Tie

Bundle Diameter Reference (In.)

Cross Section

S = Standard

LH = Light Heavy

H = Heavy

EH = Extra Heavy

EH-15= Extra Heavy-15

SH = Super Heavy

Standard Package Size

Q = 25

L* = 50

LP**= 50

CP = 100

*Standard Cross-Section

**Heavy Cross-Section

Enhanced *PAN-STEEL*® Self-Locking Stainless Steel Cable Ties – MLT Series

- Strong, durable method of bundling and fastening
- Can be used in virtually all indoor, outdoor and underground (including direct burial) applications
- Provides ultimate support for cables
- AISI 304 stainless steel for general purpose
- Available in AISI 316 stainless steel for the most corrosive environments

Part Number	Max. Bundle Diameter		Length*		Min. Loop Tensile Strength**		Min. Bundle Diameter		Width		Thickness		Recommended Installation Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	Lbs.	N	In.	mm	In.	mm	In.	mm			
AISI 304 Stainless Steel – For General Purpose															
Standard Cross Section															
MLT1S-CP	1.0	25	5.0	127	200	890	.50	12.7	.18	4.6	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	100	500
MLT2S-CP	2.0	51	7.9	201	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT2S-L	2.0	51	7.9	201	200	890	.50	12.7	.18	4.6	.010	.25		50	500
MLT2.7S-CP	2.7	69	10.2	259	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT4S-CP	4.0	102	14.3	362	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT4S-L	4.0	102	14.3	362	200	890	.50	12.7	.18	4.6	.010	.25		50	500
MLT6S-CP	6.0	152	20.5	521	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT8S-CP	8.0	203	26.8	679	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT10S-CP	10.0	254	33.0	838	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT12S-Q	12.0	304	39.3	998	200	890	.50	12.7	.18	4.6	.010	.25		25	125
MLT14S-Q	14.0	355	45.5	1156	200	890	.50	12.7	.18	4.6	.010	.25		25	125
MLT15S-Q	15.0	380	49.2	1250	200	890	.50	12.7	.18	4.6	.010	.25		25	125

*Other lengths available, contact Customer Service.
**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.27.
***For information on installation tools, refer to pages B3.13, B3.14 and B3.15.

Enhanced *PAN-STEEL*® Self-Locking Stainless Steel Cable Ties – MLT Series (continued)

Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Length* In.	Length* mm	Min. Loop Tensile Strength** Lbs.	Min. Loop Tensile Strength** N	Min. Bundle Diameter In.	Min. Bundle Diameter mm	Width In.	Width mm	Thickness In.	Thickness mm	Recommended Installation Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
Light-Heavy Cross Section															
MLT2LH-LP	2.0	51	7.9	201	250	1112	.50	12.7	.25	6.4	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	50	250
MLT4LH-LP	4.0	102	14.3	362	250	1112	.50	12.7	.25	6.4	.010	.25		50	250
MLT6LH-LP	6.0	152	20.5	521	250	1112	.50	12.7	.25	6.4	.010	.25		50	250
MLT8LH-LP	8.0	203	26.8	679	250	1112	.50	12.7	.25	6.4	.010	.25		50	250
Heavy Cross Section															
MLT2H-LP	2.0	51	7.9	201	450	2000	.50	12.7	.31	7.9	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	50	250
MLT2.7H-LP	2.7	69	10.2	259	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT4H-LP	4.0	102	14.3	362	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT6H-LP	6.0	152	20.5	521	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT8H-LP	8.0	203	26.8	679	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT10H-LP	10.0	254	33.0	838	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT12H-Q	12.0	304	39.3	998	450	2000	.50	12.7	.31	7.9	.010	.25		25	125
MLT14H-Q	14.0	355	45.5	1156	450	2000	.50	12.7	.31	7.9	.010	.25		25	125
Extra-Heavy Cross Section															
MLT4EH-LP	4.0	102	17.1	434	600	2670	1.0	25.4	.50	12.7	.010	.25	RT1HT or ST3MT	50	250
MLT6EH-LP	6.0	152	23.4	594	600	2670	1.0	25.4	.50	12.7	.010	.25		50	250
MLT8EH-LP	8.0	203	29.7	754	600	2670	1.0	25.4	.50	12.7	.010	.25		50	250
MLT10EH-LP	10.0	254	35.9	912	600	2670	1.0	25.4	.50	12.7	.010	.25		50	250
MLT12EH-Q	12.0	305	42.2	1072	600	2670	1.0	25.4	.50	12.7	.010	.25		25	125
MLT4EH15-LP	4.0	102	17.1	434	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MLT6EH15-LP	6.0	152	23.4	594	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MLT8EH15-LP	8.0	203	29.7	754	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MLT10EH15-LP	10.0	254	35.9	912	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MLT12EH15-Q	12.0	305	42.2	1072	700	3115	1.0	25.4	.50	12.7	.015	.38		25	125
Super-Heavy Cross Section															
MLT4SH-LP	4.0	102	17.1	434	900	4005	1.0	25.4	.63	15.9	.015	.38	RT1HT	50	250
MLT6SH-LP	6.0	152	23.4	594	900	4005	1.0	25.4	.63	15.9	.015	.38		50	250
MLT8SH-LP	8.0	203	29.7	754	900	4005	1.0	25.4	.63	15.9	.015	.38		50	250
MLT10SH-LP	10.0	254	35.9	912	900	4005	1.0	25.4	.63	15.9	.015	.38		50	250
MLT12SH-Q	12.0	305	42.2	1072	900	4005	1.0	25.4	.63	15.9	.015	.38		25	125

*Other lengths available, contact Customer Service.
**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.27.
***For information on installation tools, refer to pages B3.13, B3.14 and B3.15.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

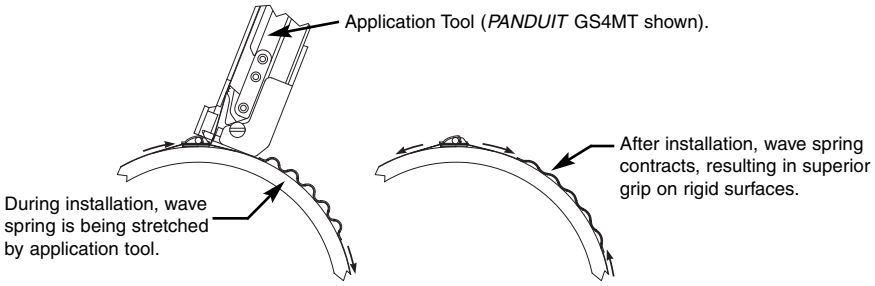
Enhanced *PAN-STEEL*® Self-Locking Stainless Steel Cable Ties – MLT Series (continued)

Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Length* In.	Length* mm	Min. Loop Tensile Strength** Lbs.	Min. Loop Tensile Strength** N	Min. Bundle Diameter In.	Min. Bundle Diameter mm	Width In.	Width mm	Thickness In.	Thickness mm	Recommended Installation Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
AISI 316 Stainless Steel – For Superior Corrosion Resistance															
Standard Cross Section															
MLT1S-CP316	1.0	25	5.0	127	200	890	.50	12.7	.18	4.6	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	100	500
MLT2.7S-CP316	2.7	69	10.2	259	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT2S-CP316	2.0	51	7.9	201	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT4S-CP316	4.0	102	14.3	362	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT6S-CP316	6.0	152	20.5	521	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT8S-CP316	8.0	203	26.8	679	200	890	.50	12.7	.18	4.6	.010	.25		100	500
MLT10S-CP316	10.0	254	33.0	838	200	890	.50	12.7	.18	4.6	.010	.25		100	500
Light-Heavy Cross Section															
MLT2LH-LP316	2.0	51	7.9	201	250	1112	.50	12.7	.25	6.4	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	50	250
MLT4LH-LP316	4.0	102	14.3	362	250	1112	.50	12.7	.25	6.4	.010	.25		50	250
MLT6LH-LP316	6.0	152	20.5	521	250	1112	.50	12.7	.25	6.4	.010	.25		50	250
MLT8LH-LP316	8.0	203	26.8	679	250	1112	.50	12.7	.25	6.4	.010	.25		50	250
Heavy Cross Section															
MLT2H-LP316	2.0	51	7.9	201	450	2000	.50	12.7	.31	7.9	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	50	250
MLT2.7H-LP316	2.7	69	10.2	259	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT4H-LP316	4.0	102	14.3	362	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT6H-LP316	6.0	152	20.5	521	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT8H-LP316	8.0	203	26.8	679	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
MLT10H-LP316	10.0	254	33.0	838	450	2000	.50	12.7	.31	7.9	.010	.25		50	250
Extra-Heavy Cross Section															
MLT4EH-LP316	4.0	102	17.1	434	600	2670	1.0	25.4	.50	12.7	.010	.25	RT1HT or ST3MT	50	250
MLT6EH-LP316	6.0	152	23.4	594	600	2670	1.0	25.4	.50	12.7	.010	.25		50	250
MLT8EH-LP316	8.0	203	29.7	754	600	2670	1.0	25.4	.50	12.7	.010	.25		50	250
MLT4EH15-LP316	4.0	102	17.1	434	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MLT6EH15-LP316	6.0	152	23.4	594	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MLT8EH15-LP316	8.0	203	29.7	754	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
Super-Heavy Cross Section															
MLT4SH-LP316	4.0	102	17.1	434	900	4005	1.0	25.4	.63	15.9	.015	.38	RT1HT	50	250
MLT6SH-LP316	6.0	152	23.4	594	900	4005	1.0	25.4	.63	15.9	.015	.38		50	250
MLT8SH-LP316	8.0	203	29.7	754	900	4005	1.0	25.4	.63	15.9	.015	.38		50	250

*Other lengths available, contact Customer Service.
**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.27.
***For information on installation tools, refer to pages B3.13, B3.14 and B3.15.

Enhanced *PAN-STEEL*® *WAVE-TY*™ Superior Grip Stainless Steel Ties – MLTW Series

- Patented wave-form spring maintains greater installed tension on non-resilient objects
- Tightly clamps on applications where other stainless steel ties will not function
- Retains tension on a solid bundle with minimal applied force
- Available in AISI 304 for general purpose and AISI 316 stainless steel material for the most corrosive environments
- Guarantees performance in critical applications
- Self-locking with low thread force



Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Length** In.	Length** mm	Min. Loop Tensile Strength* Lbs.	Min. Loop Tensile Strength* N	Min. Bundle Diameter In.	Min. Bundle Diameter mm	Width In.	Width mm	Thickness In.	Thickness mm	Recommended Installation Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
AISI 304 Stainless Steel – For Superior Grip on Rigid Bundles															
Standard Cross Section															
MLT2.7WS-LP	2.7	69	10.2	259	200	890	2.0	51	.18	4.6	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	50	250
MLT4WS-LP	4.0	102	14.3	362	200	890	2.0	51	.18	4.6	.010	.25		50	250
MLT6WS-LP	6.0	152	20.5	521	200	890	2.0	51	.18	4.6	.010	.25		50	250
MLT8WS-LP	8.0	203	26.8	679	200	890	2.0	51	.18	4.6	.010	.25		50	250
Light-Heavy Cross Section															
MLT2.7WLH-LP	2.7	69	10.2	259	250	1112	2.0	51	.25	6.4	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	50	250
MLT4WLH-LP	4.0	102	14.3	362	250	1112	2.0	51	.25	6.4	.010	.25		50	250
MLT6WLH-LP	6.0	152	20.5	521	250	1112	2.0	51	.25	6.4	.010	.25		50	250
MLT8WLH-LP	8.0	203	26.8	679	250	1112	2.0	51	.25	6.4	.010	.25		50	250
Heavy Cross Section															
MLT2.7WH-LP	2.7	69	10.2	259	450	2000	2.0	51	.31	7.9	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	50	250
MLT4WH-LP	4.0	102	14.3	362	450	2000	2.0	51	.31	7.9	.010	.25		50	250
MLT6WH-LP	6.0	152	20.5	521	450	2000	2.0	51	.31	7.9	.010	.25		50	250
MLT8WH-LP	8.0	203	26.8	679	450	2000	2.0	51	.31	7.9	.010	.25		50	250
MLT10WH-LP	10.0	254	33.0	838	450	2000	2.0	51	.31	7.9	.010	.25		50	250
AISI 316 Stainless Steel – For Superior Grip on Rigid Bundles															
Standard Cross Section															
MLT2.7WS-LP316	2.7	69	10.2	259	200	890	2.0	51	.18	4.6	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	50	250
MLT4WS-LP316	4.0	102	14.3	362	200	890	2.0	51	.18	4.6	.010	.25		50	250
MLT6WS-LP316	6.0	152	20.5	521	200	890	2.0	51	.18	4.6	.010	.25		50	250
MLT8WS-LP316	8.0	203	26.8	679	200	890	2.0	51	.18	4.6	.010	.25		50	250
Light-Heavy Cross Section															
MLT2.7WLH-LP316	2.7	69	10.2	259	250	1112	2.0	51	.25	6.4	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	50	250
MLT4WLH-LP316	4.0	102	14.3	362	250	1112	2.0	51	.25	6.4	.010	.25		50	250
MLT6WLH-LP316	6.0	152	20.5	521	250	1112	2.0	51	.25	6.4	.010	.25		50	250
MLT8WLH-LP316	8.0	203	26.8	679	250	1112	2.0	51	.25	6.4	.010	.25		50	250
Heavy Cross Section															
MLT2.7WH-LP316	2.7	69	10.2	259	450	2000	2.0	51	.31	7.9	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	50	250
MLT4WH-LP316	4.0	102	14.3	362	450	2000	2.0	51	.31	7.9	.010	.25		50	250
MLT6WH-LP316	6.0	152	20.5	521	450	2000	2.0	51	.31	7.9	.010	.25		50	250
MLT8WH-LP316	8.0	203	26.8	679	450	2000	2.0	51	.31	7.9	.010	.25		50	250
MLT10WH-LP316	10.0	254	33.0	838	450	2000	2.0	51	.31	7.9	.010	.25		50	250

*Other lengths available, contact Customer Service.
**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.27.
***For information on installation tools, refer to pages B3.13, B3.14 and B3.15.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Enhanced Patented Nylon 11 Selectively Coated Ties – MLTC Series

- For communication and electrical cables
- Strength of steel, the protection of nylon; the nylon coating provides protection for the cables
- Available in loop tensile strength of 250 lbs.
- Base metal 316 grade stainless steel for excellent resistance to temperature extremes, corrosion, weather, chemicals, salt spray and UV radiation

Nylon 11 Coating:
- Resistance to chemicals and salt spray
- Halogen free
- Temperature tolerance -40°F (-40°C) to 285°F (140°C)
- Coating thickness .003 in. (.08mm)/.005 in. (.13mm) per side

Part Number	Max. Bundle Diameter		Length*		Min. Loop Tensile Strength**		Min. Bundle Diameter		Width		Thickness^		Recommended Installation Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	Lbs.	N	In.	mm	In.	mm	In.	mm			
AISI 316 Stainless Steel – For Nylon 11 Selectively Coated Cable Ties															
Heavy Cross Section															
MLTC2H-LP316	2.0	51	7.9	201	250	1112	.50	12.7	.31	7.9	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	50	250
MLTC4H-LP316	4.0	102	14.3	362	250	1112	.50	12.7	.31	7.9	.010	.25		50	250
MLTC6H-LP316	6.0	152	20.5	521	250	1112	.50	12.7	.31	7.9	.010	.25		50	250
MLTC8H-LP316	8.0	203	26.8	679	250	1112	.50	12.7	.31	7.9	.010	.25		50	250
MLTC10H-LP316	10.0	254	33.0	838	250	1112	.50	12.7	.31	7.9	.010	.25		50	250

*Other lengths available, contact Customer Service.
**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.27.
***For information on installation tools, refer to pages B3.13, B3.14 and B3.15
^Base material less coating.

PAN-STEEL® Fully Coated Stainless Steel Cable Ties – MLTFC Series

- Polyester coating
- Base metal is AISI 316 grade stainless steel
- Self-locking with low thread force
- Available in standard, heavy, extra-heavy and super-heavy cross sections
- Low smoke
- Halogen free
- Temperature tolerance -40°F (-40°C) to 302°F (150°C)
- Good UV resistance
- Coating thickness .003 in. (.08mm)/.005 in. (.13mm) per side

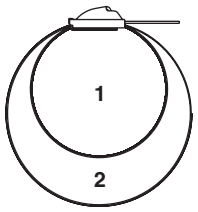
Part Number	Max. Bundle Diameter		Length*		Min. Loop Tensile Strength**		Min. Bundle Diameter		Width		Thickness^		Recommended Installation Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	Lbs.	N	In.	mm	In.	mm	In.	mm			
Standard Cross Section															
MLTFC2S-CP316	2.0	51	7.9	201	100	445	.50	12.7	.18	4.6	.010	.25	GS4MT, HTMT, PPTMT, ST2MT, or ST3MT	100	500
MLTFC4S-CP316	4.0	102	14.3	362	100	445	.50	12.7	.18	4.6	.010	.25		100	500
MLTFC6S-CP316	6.0	152	20.5	521	100	445	.50	12.7	.18	4.6	.010	.25		100	500
MLTFC8S-CP316	8.0	203	26.8	679	100	445	.50	12.7	.18	4.6	.010	.25		100	500
Heavy Cross Section															
MLTFC2H-LP316	2.0	51	7.9	201	250	1112	.50	12.7	.31	7.9	.010	.25	GS4MT, HTMT, PPTMT, ST2MT, or ST3MT	50	250
MLTFC4H-LP316	4.0	102	14.3	362	250	1112	.50	12.7	.31	7.9	.010	.25		50	250
MLTFC6H-LP316	6.0	152	20.5	521	250	1112	.50	12.7	.31	7.9	.010	.25		50	250
MLTFC8H-LP316	8.0	203	26.8	679	250	1112	.50	12.7	.31	7.9	.010	.25		50	250
Extra-Heavy Cross Section															
MLTFC4EH-LP316	4.0	102	17.1	434	300	1335	1.0	25.4	.50	12.7	.010	.25	RT1HT or ST3MT	50	250
MLTFC6EH-LP316	6.0	152	23.4	594	300	1335	1.0	25.4	.50	12.7	.010	.25		50	250
MLTFC8EH-LP316	8.0	203	29.7	754	300	1335	1.0	25.4	.50	12.7	.010	.25		50	250
Super-Heavy Cross Section															
MLTFC4SH-LP316	4.0	102	17.1	434	450	2000	1.0	25.4	.63	15.9	.015	.38	RT1HT	50	250
MLTFC6SH-LP316	6.0	152	23.4	574	450	2000	1.0	25.4	.63	15.9	.015	.38		50	250
MLTFC8SH-LP316	8.0	203	29.7	754	450	2000	1.0	25.4	.63	15.9	.015	.38		50	250

*Other lengths available, contact Customer Service.
**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.27.
***For information on installation tools, refer to pages B3.13, B3.14 and B3.15.
^Base material less coating.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-STEEL® Double Wrapped Stainless Steel Cable Ties – MLTD Series

- Available in 304 and 316 stainless steel for extra high strength in critical applications
- Allow for tighter tensioning on non-resilient bundles
- Available in .31 in. (7.9mm), .50 in. (12.7mm), .625 in. (15.9mm) width
- Loop tensile strength up to 1200 lbs. (5340 N)
- Self-locking ties – no tools required
- Optional tooling is available to speed installation and lower installed costs
- Cable tie body passes through head two times



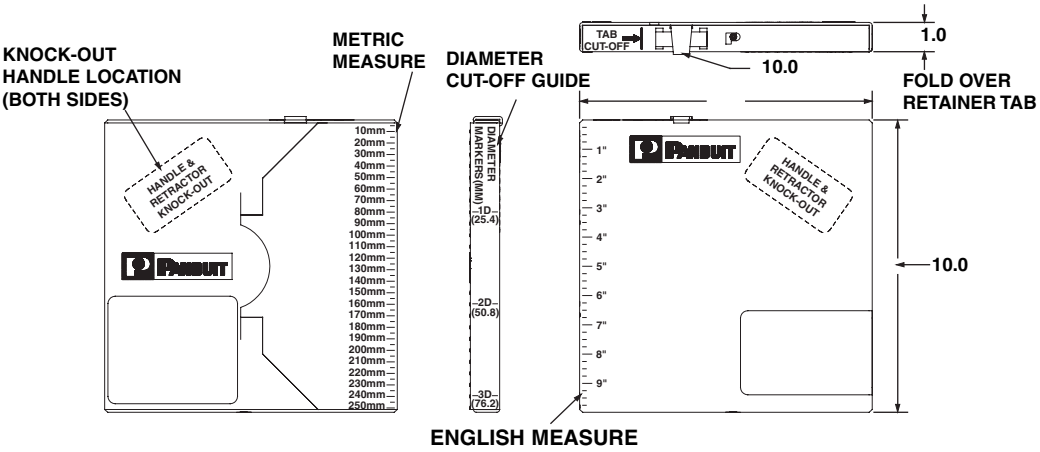
Part Number	Max. Bundle Diameter		Length*		Min. Loop Tensile Strength**		Min. Bundle Diameter		Width		Thickness		Recommended Installation Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	Lbs.	N	In.	mm	In.	mm	In.	mm			
AISI 304 Stainless Steel – MLTD Double Wrapped Ties															
Heavy Cross Section															
MLT2DH-L	2.0	51	18.5	470	600	2670	1.0	25.4	.31	7.9	.010	.25	GS4MT, HTMT, PPTMT, ST2MT, or ST3MT	50	250
MLT4DH-L	4.0	102	28.0	711	600	2670	1.0	25.4	.31	7.9	.010	.25		50	250
MLT5DH-L	5.0	127	34.0	863	600	2670	1.0	25.4	.31	7.9	.010	.25		50	250
MLT6DH-Q	6.0	152	40.0	1016	600	2670	1.0	25.4	.31	7.9	.010	.25		25	250
Extra-Heavy Cross Section															
MLT4DEH-Q	4.0	102	29.5	749	800	3560	1.0	25.4	.50	12.7	.010	.25	RT1HT, ST3MT	25	125
MLT6DEH-Q	6.0	152	41.5	1054	800	3560	1.0	25.4	.50	12.7	.010	.25		25	125
MLT8DEH-Q	8.0	203	53.5	1359	800	3560	1.0	25.4	.50	12.7	.010	.25		25	125
MLT4DEH15-Q	4.0	102	29.5	749	1000	4450	1.0	25.4	.50	12.7	.015	.38		25	125
MLT6DEH15-Q	6.0	152	41.5	1054	1000	4450	1.0	25.4	.50	12.7	.015	.38		25	125
MLT8DEH15-Q	8.0	203	53.5	1359	1000	4450	1.0	25.4	.50	12.7	.015	.38		25	125
Super-Heavy Cross Section															
MLT4DSH-Q	4.0	102	29.5	749	1200	5340	1.0	25.4	.63	15.9	.015	.38	RT1HT	25	125
MLT6DSH-Q	6.0	152	41.5	1054	1200	5340	1.0	25.4	.63	15.9	.015	.38		25	125
MLT8DSH-Q	8.0	203	53.5	1359	1200	5340	1.0	25.4	.63	15.9	.015	.38		25	125
AISI 316 Stainless Steel – For MLTD Double Wrapped Ties															
Extra-Heavy Cross Section															
MLT4DEH-Q316	4.0	102	29.5	749	800	3560	1.0	25.4	.50	12.7	.010	.25	RT1HT, ST3MT	25	125
MLT6DEH-Q316	6.0	152	41.5	1054	800	3560	1.0	25.4	.50	12.7	.010	.25		25	125
MLT8DEH-Q316	8.0	203	53.5	1359	800	3560	1.0	25.4	.50	12.7	.010	.25		25	125
MLT4DEH15-Q316	4.0	102	29.5	749	1000	4450	1.0	25.4	.50	12.7	.015	.38		25	125
MLT6DEH15-Q316	6.0	152	41.5	1054	1000	4450	1.0	25.4	.50	12.7	.015	.38		25	125
MLT8DEH15-Q316	8.0	203	53.5	1359	1000	4450	1.0	25.4	.50	12.7	.015	.38		25	125
Super-Heavy Cross Section															
MLT4DSH-Q316	4.0	102	29.5	749	1200	5340	1.0	25.4	.63	15.9	.015	.38	RT1HT	25	125
MLT6DSH-Q316	6.0	152	41.5	1054	1200	5340	1.0	25.4	.63	15.9	.015	.38		25	125
MLT8DSH-Q316	8.0	203	53.5	1359	1200	5340	1.0	25.4	.63	15.9	.015	.38		25	125

*Other lengths available, contact Customer Service.
**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.27.
***For information on installation tools, refer to pages B3.13, B3.14 and B3.15.

Custom Length Banding – MBS, MBH, MBEH and MBSH Series

- For bundling applications that require various bundle diameters
- Supplied in reels of 82.5 ft (25M), 200 ft (61M), 250 ft (76M) or 1000 ft (305M)

Polyester coating (optional):
- Low smoke, halogen free
- Temperature tolerance -40°F (-40°C) to -302°F (150°C)
- Good UV resistance
- Coating thickness .003 in. (.08mm)/.005 in. (.13mm) per side



Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Length* ft	Length* M	Min. Loop Tensile Strength** Lbs.	Min. Loop Tensile Strength** N	Min. Bundle Diameter In.	Min. Bundle Diameter mm	Width In.	Width mm	Thickness^ In.	Thickness^ mm	Recommended Installation Tool***	Recommended Banding Head	Std. Pkg. Qty.‡
AISI 304 Stainless Steel – For General Purpose Banding															
Standard Cross Section															
MBS-TLR	Any	Any	250	76	100	445	.50	12.7	.18	4.4	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	MTHS-C	1
MBS-MR	Any	Any	1000	305	100	445	.50	12.7	.18	4.4	.010	.25		MTHS-C	1
Heavy Cross Section															
MBH-TLR	Any	Any	250	76	250	1112	.50	12.7	.31	7.9	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	MTHH-C	1
MBH-MR	Any	Any	1000	305	250	1112	.50	12.7	.31	7.9	.010	.25		MTHH-C	1
Extra-Heavy Cross Section															
MBEH-TLR	Any	Any	250	76	300	1335	1.0	25.4	.50	12.7	.010	.25	RT1HT, ST3MT	MTHEH-C	1
Super-Heavy Cross Section															
MBSH-TR	Any	Any	200	61	450	2000	1.0	25.4	.63	15.9	.015	.38	RT1HT	MTHSH-C	1
AISI 316 Stainless Steel – For Superior Corrosion Resistance															
Standard Cross Section															
MBS-TLR316	Any	Any	250	76	100	445	.50	12.7	.18	4.4	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	MTHS-C316	1
MBS-MR316	Any	Any	1000	305	100	445	.50	12.7	.18	4.4	.010	.25		MTHS-C316	1
Heavy Cross Section															
MBH-TLR316	Any	Any	250	76	250	1112	.50	12.7	.31	7.9	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	MTHH-C316	1
MBH-MR316	Any	Any	1000	305	250	1112	.50	12.7	.31	7.9	.010	.25		MTHH-C316	1
Extra-Heavy Cross Section															
MBEH-TLR316	Any	Any	250	76	300	1335	1.0	25.4	.50	12.7	.010	.25	RT1HT, ST3MT	MTHEH-C316	1
Super-Heavy Cross Section															
MBSH-TR316	Any	Any	200	61	450	2000	1.0	25.4	.63	15.9	.015	.38	RT1HT	MTHSH-C316	1

*Other lengths available, contact Customer Service.
**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.27.
***For more information on installation tools, refer to pages B3.13, B3.14 and B3.15.
^Base material less coating.
‡Order in number of reels required.

Prime items appear in **BOLD**.

Custom Length Banding – MBS, MBH, MBEH and MBSH Series (continued)

Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Length* ft	Length* M	Min. Loop Tensile Strength** Lbs.	Min. Loop Tensile Strength** N	Min. Bundle Diameter In.	Min. Bundle Diameter mm	Width In.	Width mm	Thickness^ In.	Thickness^ mm	Recommended Installation Tool***	Recommended Banding Head	Std. Pkg. Qty.‡
Polyester Coated AISI 316 Stainless Steel															
Heavy Cross Section															
MBCH-QR316	Any	Any	82	25	250	1112	.50	12.7	.31	7.9	.010	.25	GS4MT, HTMT, PPTMT, ST2MT or ST3MT	MTHCH-C316	1
Extra-Heavy Cross Section															
MBCEH-QR316	Any	Any	82	25	300	1335	1.0	25.4	.50	12.7	.010	.25	RT1HT, ST3MT	MTHCEH-C316	1
Super-Heavy Cross Section															
MBCSH-QR316	Any	Any	82	25	450	2000	1.0	25.4	.63	15.9	.015	.38	RT1HT	MTHCSH-C316	1

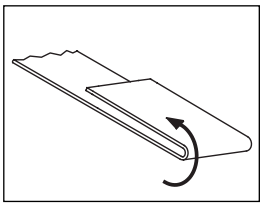
*Other lengths available, contact Customer Service.
**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.27.
***For more information on installation tools, refer to pages B3.13, B3.14 and B3.15.
^Base material less coating.
‡Order in number of reels required.

To determine the proper amount of banding required, use the following formula:

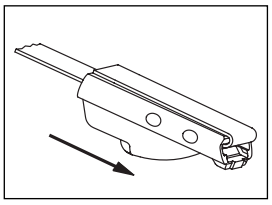
Calculate S and H Cross Section	**Diameter inches (mm) x 3.14 + 3 inches (76mm)**
Calculate EH and SH Cross Section	**Diameter inches (mm) x 3.14 + 4.5 inches (114mm)**

Custom Length Banding Heads – MTH Series

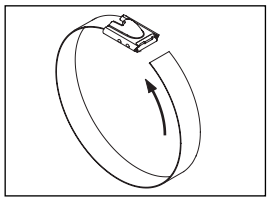
Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
AISI 304 Stainless Steel			
MTHS-C	Loose piece banding head for standard cross section banding.	100	1000
MTHH-C	Loose piece banding head for heavy cross section banding.	100	1000
MTHEH-C	Loose piece banding head for extra-heavy cross section banding.	100	1000
MTHSH-C	Loose piece banding head for super-heavy cross section banding.	100	1000



1) Take one end of the cut banding and bend back 1/2" (13mm).



2) Take a self-locking head and slide it the entire length of the band until it reaches the bend.



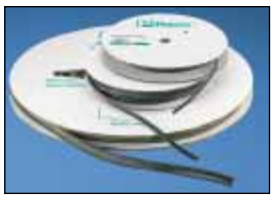
3) Bend tail flat against bottom of banding head to complete assembly.

MTH Banding Heads (continued)

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
AISI 316 Stainless Steel			
MTHS-C316	Loose piece banding head for standard cross section banding.	100	1000
MTHH-C316	Loose piece banding head for heavy cross section banding.	100	1000
MTHEH-C316	Loose piece banding head for extra-heavy cross section banding.	100	1000
MTHSH-C316	Loose piece banding head for super-heavy cross section banding.	100	1000
AISI 316 Coated Stainless Steel			
MTHCH-C316	Loose piece banding head for heavy cross section banding.	100	1000
MTHCEH-C316	Loose piece banding head for extra-heavy cross section banding.	100	1000
MTHCSH-C316	Loose piece banding head for super-heavy cross section banding.	100	1000

PCS Cushion Sleeve

- Black neoprene sleeving used with *PAN-STEEL®* Stainless Steel Ties, Custom Length Banding and MS Strap
- Used on applications requiring improved gripping on non-resilient objects
- Can be used indoors or outdoors (excellent ultraviolet resistance, good resistance to petroleum, and many chemicals)
- Isolation between dissimilar metals allows the ties and straps to be used with aluminum cable tray
- Provides full separation between the ties and the bundle
- Operating temperature range -40°F (-40°C) to 200°F (93°C)



Part Number	Used with *PAN-STEEL®* Ties/Strapping	Width		Length		Std. Pkg. Qty‡
		In.	mm	ft	M	
PCSS-B-CR	MLT/S	.33	8.4	100	30.5	1
PCSH-B-CR	MLT/LH/H	.47	11.9	100	30.5	1
PCSSH-B-CR*	MLT/EH/SH and MS Straps	.91	23.1	100	30.5	1

*Meets MIL-R-6855
‡Order in number of reels required.
Bulk Pkg. –CR = 100 ft. (30.5M) reel.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PPTMT Pneumatic Installation Tool

- Power assisted tool for fast and effortless installation
- Cable tie side entry for immediate positioning of tie and tool
- Controlled tension, fully adjustable
- Automatic cut-off
- One hand operation – lightweight
- Easy removal of excess tie
- Operates 85 PSI (586 KPA Bar) non-lubricated air and requires no special maintenance

PPTMT

Side Entry

Part Number	Part Description	Std. Pkg. Qty.
PPTMT	Pneumatic hand tool used with *PAN-STEEL*® Type MLT ties, Type MLTC/MLTFC coated ties, Type MLTDH double wrapped ties and *WAVE-TY*™ Stainless Steel Ties. Automatically tensions and cuts off tie when predetermined tension is reached, providing more reliable and consistent installations. Ideal for high production applications. Installs standard .18 in. (4.6mm), light-heavy .25 in. (6.4mm) and heavy .31 in. (7.9mm) cross section ties.	1
PPH10	10 ft. (3M) Hose Assembly (regulator to tool); includes a 1/8" NPT male connector (to regulator) and 1/8" female quick disconnect fitting (to tool).	1
PL289N1	Filter / Regulator .5 micron element, regulated range 3-100 PSIG, 1/8" ports.	1
KPPTMTG	Replacement gripper kit for PPTMT.	1
KPPTMTB	Replacement blade kit for PPTMT.	1

Adjustment Features for PPTMT and GS4MT Tools*

Fast and Easy Selection

The cross-section of the cable tie being installed is clearly indicated on the knob. To change, simply flip knob to proper cross-section indicator.

Tension Indicator

Each cross-section of cable ties can be installed with a variety of tensions to meet the application. The proper tensions (listed on *PANDUIT* cable tie packages) are clearly marked with this indicator.

To Change the Tension:

Turn clockwise to increase.

Turn counter-clockwise to decrease.

*For information on GS4MT installation tool, refer to page B3.14.

GS4MT Hand Operated Installation Tool

- Single handle operation for fast installation
- Cable tie side entry for immediate positioning of tie and tool
- Controlled tension, fully adjustable
- Easy removal of excess tie
- Qualified product listed per SAE Standard MS90387-3
- Automatically tensions and cuts off tie when predetermined tension is reached
- Installs standard .18 in. (4.6mm), light-heavy .25 in. (6.4mm) and heavy .31 in. (7.9mm) cross section ties

GS4MT

Part Number	Part Description	Std. Pkg. Qty.
GS4MT	Used with standard, light-heavy and heavy cross section *PAN-STEEL®* Type MLT ties, Type MLTC/MLTFC Coated ties, Type MLTDH Double Wrapped ties and *WAVE-TY™* Stainless Steel Ties.	1
K4M-BLD	Replacement cutter blade for GS4MT.	1
K4MTG	Replacement tension gripper for GS4MT.	1
CAMT	Cut-off accessory. Use this accessory with GS4MT tool to cut MBH or MBS continuous banding. Accessory drops in place for use.	1

Side Entry

CAMT

Tool Tension Lock Kits

- For applications requiring a locking device on either the selector knob (one cross-section size and tension only) or tension level adjustment (but allow cross-section size changes)

To lock selector knob and tension level.

To lock fine adjustment.

Part Number	Part Description	Std. Pkg. Qty.
TTLK3	Tool Tension Locking Kit for GS4MT and PPTMT installation tools.	1

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

ST2MT Installation Tool

- Cable tie side entry for immediate positioning of tie and tool
- One hand operation – lightweight
- Easy removal of excess tie
- Tool tension is controlled by installer – twist action cut-off
- Rugged, lightweight, easy-to-operate pliers-type tool provides mechanical advantage

Part Number	Part Description	Std. Pkg. Qty.
ST2MT	Used with standard, light-heavy and heavy cross section *PAN-STEEL*® Type MLT ties, Type MLTC/MLTFC coated ties, Type MLTDH double wrapped ties and *WAVE-TY*™ Stainless Steel Ties.	1

ST3MT Installation Tool

- Cable tie side entry for immediate positioning of tie and tool
- One hand operation – lightweight
- Easy removal of excess tie
- Tool tension is controlled by installer – lever action cut-off
- Rugged, lightweight, easy-to-operate pliers-type tool provides mechanical advantage

Part Number	Part Description	Std. Pkg. Qty.
ST3MT	Used with standard, light-heavy, heavy, and extra-heavy cross section *PAN-STEEL*® Type MLT ties, Type MLTC/MLTFC coated ties, Type MLTDH double wrapped ties and *WAVE-TY*™ Stainless Steel Ties.	1
KT3MG	Replacement tension gripper for ST3MT tool.	1

RT1HT Installation Tool

- Cable tie side entry for immediate positioning of tie and tool
- One or two hand tensioning with multi-position rear handle
- Adjustable tension control
- Lever actuated cut-off
- Easy removal of excess tie
- Ratchet style tool for high tension

Part Number	Part Description	Std. Pkg. Qty.
RT1HT	Used with extra-heavy and super-heavy cross section *PAN-STEEL*® Type MLT ties.	1

HTMT Installation Tool

- Economical
- Coiled tie end remaining after tensioning assures a safe end
- Manual tension, no cut-off
- Installs ties parallel to the bundle

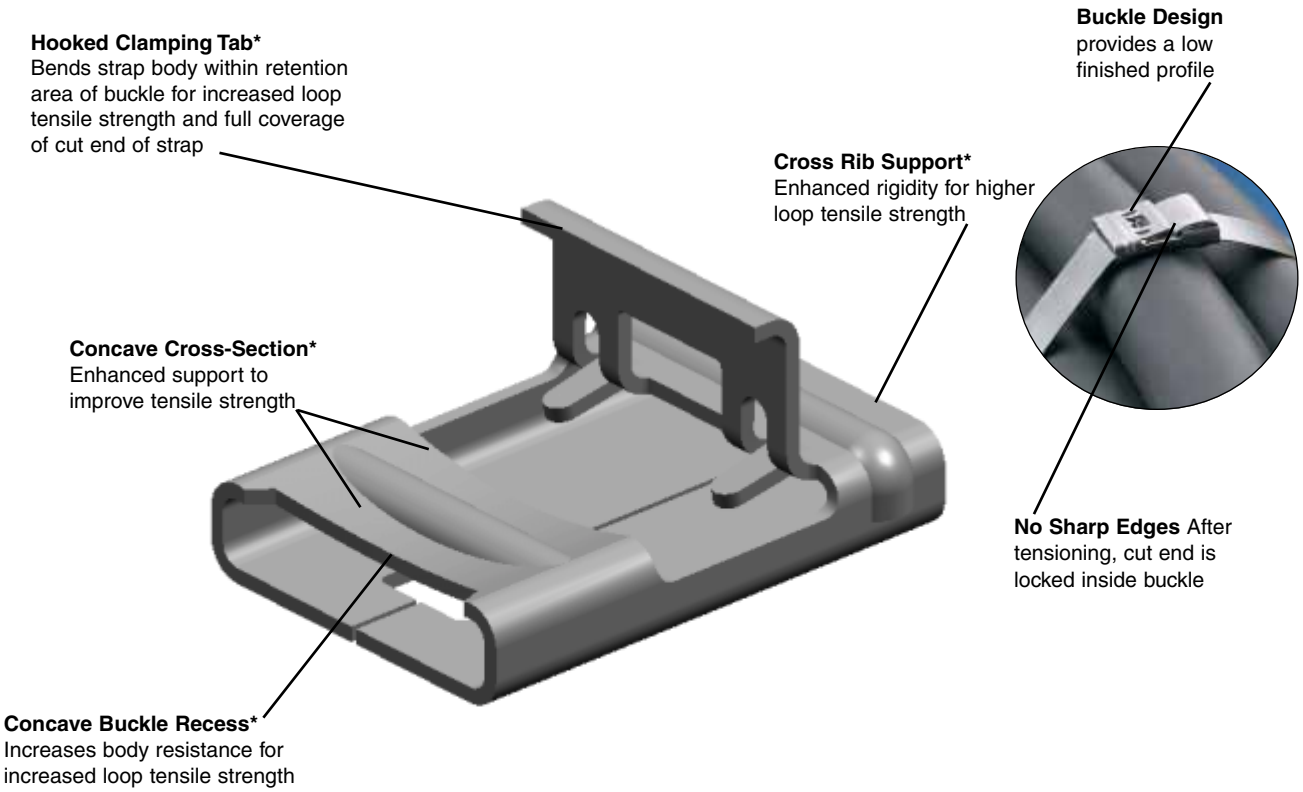
Part Number	Part Description	Std. Pkg. Qty.
HTMT	Used with standard, light-heavy and heavy cross section *PAN-STEEL*® Type MLT ties, Type MLTC/MLTFC coated ties, Type MLTDH double wrapped ties and *WAVE-TY*™ Superior Grip Stainless Steel Ties.	1

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Features and Benefits – *PAN-STEEL*® Stainless Steel Strapping System

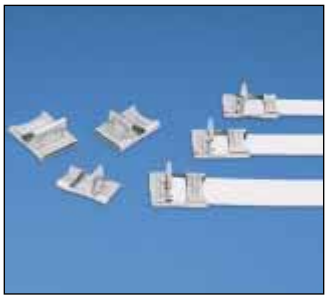
The *PANDUIT*® *PAN-STEEL*® Stainless Steel Strapping is the ultimate solution for strapping applications. The buckle design and tension controlled installation tool offer a quick and safe installation for all harsh environments. Available in three widths 3/8 in. (9.5mm), 1/2 in. (12.7mm) and 5/8 in. (15.9mm) in base 304 or 316 stainless steel with a temperature range of -112°F (-80°C) to 1000°F (538°C).

Unique Patented Locking Method



*Patents Pending

Hand operated installation tools used with all widths of *PANDUIT*® *PAN-STEEL*® Strapping. Tensions, cuts strapping, and secures the buckle tab. Easy to operate. See page B3.21.



Custom length strapping available for applications that require various bundle diameters, to provide job safety and versatility with minimum inventory. See page B3.20.

The *PANDUIT* Method Reduces Installation Time

1) Place strap around the material, insert tail of strap through buckle. Pull strapping tight and bend up to hold in place. Insert tail of strapping into tool nose section. Squeeze handle to tension.

2) Once proper tension is reached, maintain tension and raise tool 90° – 120° over buckle and pull down on cutter lever, cutting strap.

3) Remove tool, press cut end down and toward retaining tab.

4) Using the closure lever on the handle of the tool, bend retaining tab down and over cut end. Provides finished, safe, low profile closure.

Part Numbering System for Discrete Length Stainless Strap

MS	4	W	38	T	15	L	4
Type	**Bundle Diameter In.**	**Width**	**Inches**	**Thickness**	**15 = 0.015"**	**Standard Package Size**	**Thickness**
MS = Metal Strap C = Coated Blank = Uncoated			38 = 3/8 50 = 1/2 63 = 5/8			L = 50 Pcs.	4 = 304 SS 6 = 316 SS

Part Number System for Stainless Steel Coil Strap

MS	W	50	T	15	CR	6
Type	**Width**	**Inches**	**Thickness**	**15 = 0.015"**	**Standard Package Size**	**Material**
MS = Metal Strap C = Coated Blank = Uncoated		38 = 3/8 50 = 1/2 63 = 5/8			L = 50 Pcs. CR = 100 ft	4 = 304 SS 6 = 316 SS

Part Number System for Stainless Steel Buckle

MS	B	W	63	C	4
Type	**B = Buckle**	**Width**	**Inches**	**Standard Package Size**	**Material**
MS = Metal Strap			38 = 3/8 50 = 1/2 63 = 5/8	C = 100 Pcs.	4 = 304 SS 6 = 316 SS

PAN-STEEL® Stainless Steel Strapping – MS Series

- Strong, durable method of bundling and fastening
- Buckle design provides a low finished profile
- After tensioning, cut end is locked inside buckle – no sharp edges
- Fold over design provides high retained tension on all bundles
- Buckle locked in place – will not slip down strap
- AISI 304 stainless steel for general purpose
- Available in AISI 316 material for the most corrosive environments

Part Number	Max. Bundle Diameter In.	Max. Bundle Diameter mm	Length* In.	Length* mm	Min. Loop Tensile Strength** Lbs.	Min. Loop Tensile Strength** N	Min. Bundle Diameter In.	Min. Bundle Diameter mm	Width In.	Width mm	Thickness In.	Thickness mm	Recommended Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
AISI 304 Stainless Steel															
MS2W38T15-L4	2.0	51	11.8	300	500	2225	1.0	25.4	.38	9.5	.015	.38	BT1HT, BT2MS75	50	250
MS4W38T15-L4	4.0	102	18.0	457	500	2225	1.0	25.4	.38	9.5	.015	.38		50	250
MS6W38T15-L4	6.0	152	24.4	620	500	2225	1.0	25.4	.38	9.5	.015	.38		50	250
MS8W38T15-L4	8.0	203	30.7	780	500	2225	1.0	25.4	.38	9.5	.015	.38		50	250
MS10W38T15-L4	10.0	254	37.0	940	500	2225	1.0	25.4	.38	9.5	.015	.38		50	250
MS4W50T15-L4	4.0	102	18.0	457	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MS6W50T15-L4	6.0	152	24.4	620	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MS8W50T15-L4	8.0	203	30.7	780	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MS10W50T15-L4	10.0	254	37.0	940	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MS4W63T15-L4	4.0	102	18.0	457	800	3560	1.0	25.4	.63	15.9	.015	.38		50	250
MS6W63T15-L4	6.0	152	24.4	620	800	3560	1.0	25.4	.63	15.9	.015	.38		50	250
MS8W63T15-L4	8.0	203	30.7	780	800	3560	1.0	25.4	.63	15.9	.015	.38		50	250
MS10W63T15-L4	10.0	254	37.0	940	800	3560	1.0	25.4	.63	15.9	.015	.38		50	250
AISI 316 Stainless Steel															
MS2W38T15-L6	2.0	51	11.8	300	500	2225	1.0	25.4	.38	9.5	.015	.38	BT1HT, BT2MS75	50	250
MS4W38T15-L6	4.0	102	18.0	457	500	2225	1.0	25.4	.38	9.5	.015	.38		50	250
MS6W38T15-L6	6.0	152	24.4	620	500	2225	1.0	25.4	.38	9.5	.015	.38		50	250
MS8W38T15-L6	8.0	203	30.7	780	500	2225	1.0	25.4	.38	9.5	.015	.38		50	250
MS10W38T15-L6	10.0	254	37.0	940	500	2225	1.0	25.4	.38	9.5	.015	.38		50	250
MS4W50T15-L6	4.0	102	18.0	457	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MS6W50T15-L6	6.0	152	24.4	620	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MS8W50T15-L6	8.0	203	30.7	780	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MS10W50T15-L6	10.0	254	37.0	940	700	3115	1.0	25.4	.50	12.7	.015	.38		50	250
MS4W63T15-L6	4.0	102	18.0	457	800	3560	1.0	25.4	.63	15.9	.015	.38		50	250
MS6W63T15-L6	6.0	152	24.4	620	800	3560	1.0	25.4	.63	15.9	.015	.38		50	250
MS8W63T15-L6	8.0	203	30.7	780	800	3560	1.0	25.4	.63	15.9	.015	.38		50	250
MS10W63T15-L6	10.0	254	37.0	940	800	3560	1.0	25.4	.63	15.9	.015	.38		50	250

*Other lengths available, contact Customer Service.
**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.27.
***For information on installation tools, refer to page B3.21.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-STEEL® Nylon Coated Stainless Steel Strapping – MSC Series

- The strength of steel, the protection of nylon; the nylon coating provides protection for the bundles
- Available in loop tensile strength up to 800 lbs. (3560N)
- Base metal is 316 grade stainless steel for excellent resistance to temperature extremes, corrosion, weather, chemicals, salt sprays and UV radiation

Nylon 11 Coating:

- 100% coated with Black Nylon 11, coating thickness .003 in. (.08mm)/.005 in. (.13mm) per side
- Halogen free
- Good in applications at temperatures down to -40°F (-40°C)
- Excellent resistance to chemicals and salt sprays
- Upper temperature limit 285°F (140°C)

Part Number	Max. Bundle Diameter		Length*		Min. Loop Tensile Strength**		Min. Bundle Diameter		Width		Thickness^		Recommended Installation Tool***	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	Lbs.	N	In.	mm	In.	mm	In.	mm			
MSC2W38T15-L6	2.0	51	11.8	300	300	1335	1.0	25.4	.38	9.5	.015	.38	BT1HT, BT2MS75	50	250
MSC4W38T15-L6	4.0	102	18.0	457	300	1335	1.0	25.4	.38	9.5	.015	.38		50	250
MSC6W38T15-L6	6.0	152	24.4	620	300	1335	1.0	25.4	.38	9.5	.015	.38		50	250
MSC8W38T15-L6	8.0	203	30.7	780	300	1335	1.0	25.4	.38	9.5	.015	.38		50	250
MSC10W38T15-L6	10.0	254	37.0	940	300	1335	1.0	25.4	.38	9.5	.015	.38		50	250
MSC4W50T15-L6	4.0	102	18.0	457	500	2225	1.0	25.4	.50	12.7	.015	.38		50	250
MSC6W50T15-L6	6.0	152	24.4	620	500	2225	1.0	25.4	.50	12.7	.015	.38		50	250
MSC8W50T15-L6	8.0	203	30.7	780	500	2225	1.0	25.4	.50	12.7	.015	.38		50	250
MSC10W50T15-L6	10.0	254	37.0	940	500	2225	1.0	25.4	.50	12.7	.015	.38		50	250
MSC4W63T15-L6	4.0	102	18.0	457	800	3560	1.0	25.4	.63	15.9	.015	.38		50	250
MSC6W63T15-L6	6.0	152	24.4	620	800	3560	1.0	25.4	.63	15.9	.015	.38		50	250
MSC8W63T15-L6	8.0	203	30.7	780	800	3560	1.0	25.4	.63	15.9	.015	.38		50	250
MSC10W63T15-L6	10.0	254	37.0	940	800	3560	1.0	25.4	.63	15.9	.015	.38		50	250

*Other lengths available, contact Customer Service.
**Per SAE Standard AS23190/3 (formerly MIL).
***For information on installation tools, refer to page B3.21.
^Base material less coating.

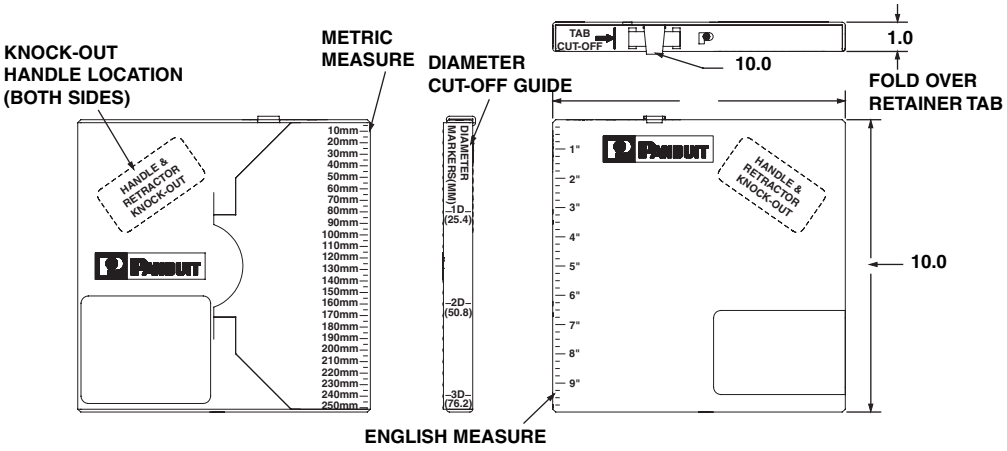
Buckles for Custom Length Strapping

- Buckle design provides a low finished profile
- After tensioning cut end is locked inside buckle, no exposed sharp edge

Part Number	Material	Width		Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm			
AISI 304 Stainless Steel						
MSBW38-C4	304	.38	9.5	Individual low profile buckles used with custom length strapping.	100	1000
MSBW50-C4	304	.50	12.7		100	1000
MSBW63-C4	304	.63	15.9		100	1000
AISI 316 Stainless Steel						
MSBW38-C6	316	.38	9.5	Individual low profile buckles used with custom length strapping.	100	1000
MSBW50-C6	316	.50	12.7		100	1000
MSBW63-C6	316	.63	15.9		100	1000

Custom Length Strapping

- For applications that require various bundle diameters
- Supplied in reels of 100 ft. (30.5M) and 82.5 ft. (25M)
- 304 and 316 stainless steel
- Provides job-site versatility with minimum inventory
- Available with Nylon 11 coating for additional edge protection
- Coating thickness .003 in. (.08mm)/.005 in. (.13mm) per side



Part Number	Length* ft	Length* M	Min. Loop Tensile Strength** Lbs.	Min. Loop Tensile Strength** N	Width In.	Width mm	Thickness^ In.	Thickness^ mm	Used with Buckle	Recommended Installation Tool***	Std. Pkg. Qty.‡
304 Stainless Steel											
MSW38T15-CR4	100	30.5	500	2225	.38	9.5	.015	.38	MSBW38-C4	BT1HT, BT2MS75	1
MSW50T15-CR4	100	30.5	700	3115	.50	12.7	.015	.38	MSBW50-C4		1
MSW63T15-CR4	100	30.5	800	3560	.63	15.9	.015	.38	MSBW63-C4		1
316 Stainless Steel											
MSW38T15-CR6	100	30.5	500	2225	.38	9.5	.015	.38	MSBW38-C6	BT1HT, BT2MS75	1
MSW50T15-CR6	100	30.5	700	3115	.50	12.7	.015	.38	MSBW50-C6		1
MSW63T15-CR6	100	30.5	800	3560	.63	15.9	.015	.38	MSBW63-C6		1
Nylon Coated Custom Length Strapping											
MSCNW38T15-QR6	82.5	25	300	1335	.38	9.5	.015	.38	MSBW38-C6	BT1HT, BT2MS75	1
MSCNW50T15-QR6	82.5	25	700	3115	.50	12.7	.015	.38	MSBW50-C6		1
MSCNW63T15-QR6	82.5	25	800	3560	.63	15.9	.015	.38	MSBW63-C6		1

*Other lengths available, contact Customer Service.
**Per SAE Standard AS23190/3 (formerly MIL). For additional details, refer to page B3.27.
***For information on installation tools, refer to page B3.21.
^Base metal less coating.
‡Order in number of reels required.

To determine the proper amount of strapping required, use the following formula:

Calculate	**Diameter inches (mm) x 3.14 + 6 inches (152.4 mm)**

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

BT1HT Hand Operated Installation Tool for Strapping

- Strap side entry
- One or two hand tensioning with multi-position rear handle
- Adjustable tension control
- Lever actuated cut-off
- Easy removal of excess strap
- Installs all (3) sizes: 3/8 in. (9.5mm), 1/2 in. (12.7mm) and 5/8 in. (15.9mm)

Part Number	Part Description	Std. Pkg. Qty.
BT1HT	Installation tool. Used for all widths of *PANDUIT® PAN-STEEL®* strapping. Tensions, cuts strapping, and secures the buckle tab. Ratchet-type tool provides mechanical advantage for tensioning. Easy to operate.	1

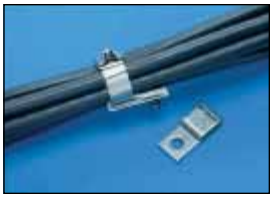
BT2MS75 Hand Operated Installation Tool for Strapping

- Strap side entry
- One or two hand tensioning with multi-position rear handle
- Twist cut-off
- Easy removal of excess strap
- Installs all (3) sizes: 3/8 in. (9.5mm), 1/2 in. (12.7mm) and 5/8 in. (15.9mm)

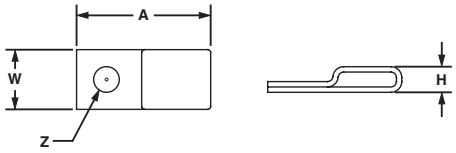
Part Number	Part Description	Std. Pkg. Qty.
BT2MS75	Installation tool. Used for all widths of *PANDUIT® PAN-STEEL®* strapping. Tensions, cuts strapping, and secures the buckle tab. Allows one hand operation in otherwise difficult areas to install. Pliers-type tool provides mechanical advantage for tensioning. Easy to operate.	1
BT2N75	Replacement nose section for BT2MS75 tool. Provides the economy of repair vs. total tool replacement. Easy to install on tool.	1
KT2MG	Replacement tension gripper for BT2MS75 and ST2MT tool. Easy to install on tool. Can be part of a maintenance program. Extends life of tool.	1

Stainless Steel Tie Mounts

- Low profile
- One hole mounting



- For use with standard, light-heavy and heavy cross section *PAN-STEEL®* Ties as well as .375 in. (9.5mm) wide strapping
- 304 Stainless Steel



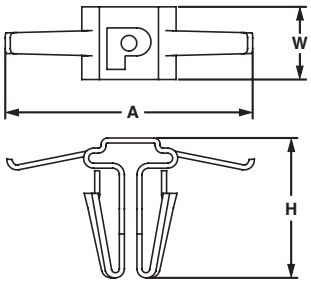
Part Number	Used with *PAN-STEEL®* Ties/Strapping	Mounting Method*	Length A		Width W		Height H		Hole Diameter Z		Std. Pkg. Qty.	Std. Ctn. Qty.
			In.	mm	In.	mm	In.	mm	In.	mm		
MTM1H-C	MLTS/LH/H, MLTC/H, MLTFC/S/LH/H or MSW38	#8 (4mm) screw	.90	22.6	.40	10.2	.17	4.4	.17	4.4	100	1000
MTM1H10-C		#10 (5mm) screw	.90	22.6	.40	10.2	.17	4.4	.21	5.4	100	1000
MTM1H25-C		1/4" (6mm) screw	.90	22.6	.40	10.2	.17	4.4	.28	7.1	100	1000

*Stainless steel screws are recommended for fastening to avoid corrosion problems associated with dissimilar metals.

Stainless Steel Push Mount

- No tapping required
- Used where only one side of the panel is accessible
- Nothing to assemble

- For use with standard, light-heavy and heavy cross section *PAN-STEEL®* Ties
- 304 Stainless Steel
- Patented



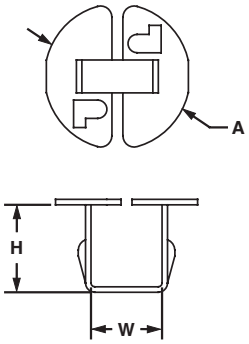
Part Number	Used with *PAN-STEEL®* Ties/Strapping	Mounting Method	Length A		Width W		Height H		Panel Thickness		Std. Pkg. Qty.	Std. Ctn. Qty.
			In.	mm	In.	mm	In.	mm	In.	mm		
MPWM-H56-Q	MLTS/LH/H, MLTC/H or MLTFC/S/LH/H	Inserted into pre-drilled hole 5/16 in. (8mm)	.98	24.7	.29	7.3	.56	14.2	.03 – .09	.8 – 2.4	25	250

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Stainless Steel Push Button Mount

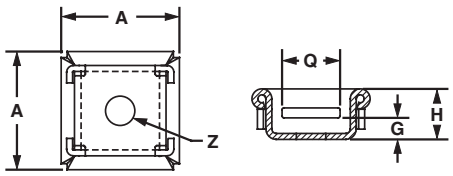
- Low profile
- No tapping required
- Designed for use only where both sides of the panel are accessible
- For use with standard cross section *PAN-STEEL*® Ties
- 304 Stainless Steel



Part Number	Used with *PAN-STEEL*® Ties/Strapping	Mounting Method	Diameter A		Width W		Height H		Panel Thickness		Std. Pkg. Qty.	Std. Ctn. Qty.
			In.	mm	In.	mm	In.	mm	In.	mm		
MBM-H25-Q	MLT/S or MLTFC/S	Inserted into pre-drilled hole .25 in. (6.4mm)	.40	10.0	.20	5.0	.26	6.5	.03 – .12	.8 – 3.0	25	250

Stainless Steel 2-Way Tie Mount

- Two-way mount allows stainless steel cable ties to be inserted from either of two sides
- Low profile
- Single hole center mounting for maximum holding and stability
- Maximum screw head height .09 in. (2.3mm)
- For use with standard, light-heavy and heavy cross section *PAN-STEEL*® Ties
- 304 Stainless Steel
- Patented

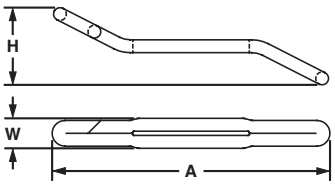


Part Number	Used with *PAN-STEEL*® Ties/Strapping	Mounting Method*	Length A		Height H		Screw Head Height G		Slot Width Q		Hole Diameter Z		Std. Pkg. Qty.	Std. Ctn. Qty.
			In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
MTM2H-Q	MLTS/LH/H, MLTC/H or MLTFC/S/LH/H	#8 (4mm) screw	.71	18.0	.30	8.0	.09	2.3	.35	9.0	.17	4.5	25	250

*Stainless steel screws are recommended for fastening to avoid corrosion problems associated with dissimilar metals.

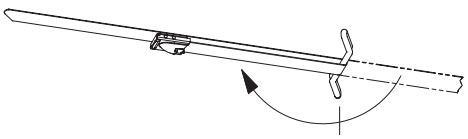
Stainless Steel Bulkhead Mount

- Zero profile
- Mounts directly to surface
- Used where only one side of the panel is accessible
- Permanent, secure application
- Used with standard, light-heavy and heavy cross section *PAN-STEEL®* Ties
- 304 Stainless Steel

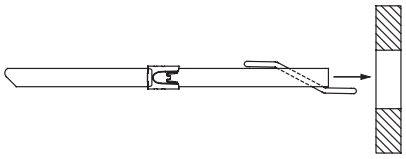


Part Number	Used with *PAN-STEEL®* Ties/Strapping	Mounting Method	Length A		Width W		Height H		Max. Panel Thickness		Std. Pkg. Qty.	Std. Ctn. Qty.
			In.	mm	In.	mm	In.	mm	In.	mm		
MTMBH-Q	MLTS/LH/H/EH/SH, MLTC/H, or MLTFC/S/LH/H/EH/SH	Pre-drill hole size Standard and Light Heavy cross section MLT-S/LH .375 in. (9.5mm) – .500 in. (12.7mm) Heavy cross section MLT-H .500 in. (12.7mm) – .625 in. (15.9mm)	1.92	48.5	.21	5.3	.54	13.7	.50	12.7	25	250

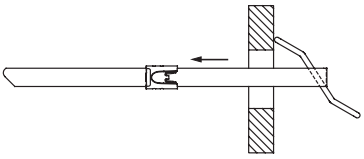
To Install Bulkhead Mount:



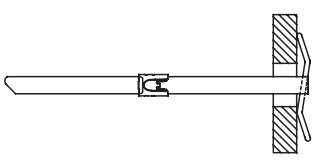
1) Insert cable tie through mount slot and fold cable tie.



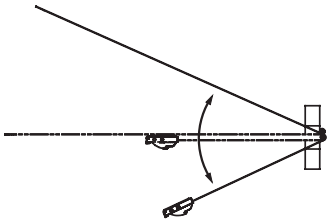
2) Insert cable tie and mount through panel/framework hole.



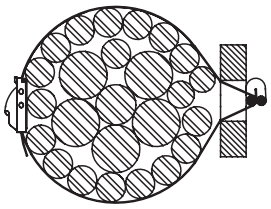
3) Pull cable tie back to secure the mount in the panel/framework.



4) Mount shown in correct position for installation.



5) Separate cable tie to allow for bundling of cables/wires, etc.



6) Install cable tie around bundle and fasten.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Physical Characteristics of Stainless Steel Cable Ties (MLT Series)

PAN-STEEL® Ties	Stainless Steel
Tensile Strength@73°F (23°C)	90,000*PSI
Color	Stainless
Flammability	Non-flammable
Radiation Resistance	2 X 10^8 Rads
Water Absorption	None

PAN-STEEL® Ties	Stainless Steel
Max. Continuous Use Temperature	1000°F (538°C) for 304 and 316 material
Min. Continuous Use Temperature	–112°F (–80°C) for 304 and 316 Material
Ultraviolet Light Resistance	Excellent

*ASTME8 Test Method

PANDUIT Stainless Steel Cable Tie and Strapping Approvals

Logo (Symbol)	Agency	Spec /Approval	Requirement	Applicable Products
UL LISTED	Underwriters Laboratories, Inc.	Listing E56854	Dimensional, tensile, temp., cycling, humidity	MLT-S, MLT-LH, MLT-H, MLT-WS, MLTWH, MLTEH15, MLTSH, MLTDEH and MLTDSH in 304, 316 and 321 material. MSW38T15, MSW50T15, MSW63T15, MSBW38, MSBW50, MSBW63 in both 304 and 316 material. MSCW38T15, MSCW50T15, MSCW63T15, MSCNW38T15, MSCNW50T15, and MSW63T15 in 316 material
CE	Conformite European	Low Voltage Directive 73/23/EEC (amended 93/68/EEC) MLT cable ties and MS straps also meet the requirements from EN50146	CE Marking is required for products sold within the European Union. CE Marking Directives specify the minimum performance of these products. Applying the CE mark signifies compliance with essential requirements of specific directives.	MLT-S, MLT-LH, MLT-H, MLT-WS, MLTWH, MLTEH15, MLTSH, MLTDEH and MLTDSH in 304, 316 and 321 material. MSW38T15, MSW50T15, MSW63T15, MSBW38, MSBW50, MSBW63 in both 304 and 316 material
ABS TYPE APPROVAL PROGRAM	Amer. Bureau of Shipping	Cert. # 03-HS373867-PDA 04-HS476898-PDA CH543563-X	Mechanical	MLT-S, MLT-H, MLT-H in both 304 & 316 material and MLTC in 316 material
	Bureau Veritas	Cert. # 04048/CIB	Material specification, dimensional, visual	MLT-S, MLT-H in 316 material
	Det Norske Veritas	Cert. # E-6540 E-6539	Salt mist test, tensile test, accelerated aging, vibration tests	MLT-S, MLT-H and MS ties and straps in 316 material
	Germanischer Lloyd	Cert. # 32666-83HH 51796-89HH	Mechanical	All MLT Ties and MS Straps
	Lloyd's Register of Shipping	Cert. # 89/60123(E2)	Material specification, tensile test, vibration tests	All MLT and MS ties and straps in both 304 and 316 material
	RINA	Cert. # ELE71502CS	Mechanical	All MLT ties and MS Straps
	SAE Int'l formerly US MIL	AS23190 formerly MS23109E	Dimensional, visual, vibration, temp. cycling, immersion, melting point	MLT-S and MLT-H Series and heavy cable ties in both 304 & 316 material
	US Coast Guard	File No.16703/46	Mechanical	MLT-H Series Cable Ties
	US Military	MIL-T-81306A/ MS90387-3	Mechanical	GS4MT Installation tools

Chemical Resistance at 70°F (21°C) Temperature

Chemical	%	304 & 316 Stainless Steel*	Chemical	%	304 & 316 Stainless Steel*	Chemical	%	304 & 316 Stainless Steel*	Chemical	%	304 & 316 Stainless Steel*
Arsenic Acid	40	E	Cider		E	Methyl Alcohol	100	E	Sodium Bisulfate	10	E
Acetone	100	E	Diochloroethane	100	E	Methyl Chloride	100	E	Sodium Borate	All	E
Aluminum Hydroxide	AQ C.S.	E	Diethyl Ether	100	E	Methyl Ethyl Ketone	100	E	Sodium Carbonate	5	E
Ammonium Carbonate	5	E	Ethyl Alcohol	100	E	Naphtha	100	E	Sodium Chlorate	25	E
Ammonium Hydroxide	10	E	Ethyl Chloride	100	E	Nitric Acid	30-70	E	Sodium Chloride	2	E
Ammonuim Nitrate		E	Ethyl Glycol	100	E	Nitrous Acid	5	E	Sodium Fluoride	5	F
Ammonium Sulfate	10	S	Ferric Hydroxide	All	E	Oleic Acid	100	E	Sodium Hydroxide	10	E
Barium Carbonate	All	E	Ferric Nitrate	10	E	Oxalic Acid	10	E	Sodium Hyposulfite	AQ C.S.	E
Barium Chloride	5	E	Ferrous Sulfate	10	E	Paraffin	100	E	Sodium Nitrate	5	E
Barium Sulfate	10	E	Fuel Oil	100	E	Petroleum Ether	100	E	Sodium Nitrite	AQ C.S.	E
Barium Sulfide	10	E	Furfural	100	E	Phenol	90	E	Sodium Percholate	10	E
Benzene	100	E	Gallic Acid	AQ C.S.	E	Phosphoric Acid	10	E	Sodium Phosphate	5	E
Benzoic Acid	100	E	Gasoline	100	E	Picric Acid	1	S	Sodium Sulfate	5	E
Butyric Acid	50	E	Glycerine	100	E	Potassium Bromide	AQ C.S.	S	Sodium Thiosulfate	5	S
Calcium Carbonate	AQ C.S.	E	Hydrocyanic Acid	All	E	Potassium Carbonate 1%		E	Stearic Acid	100	E
Calcium Chlorate	10	E	Hydrogen Peroxide	30	E	Potassium Chlorate	AQ C.S.	E	Sulfur	100	E
Calcium Hydroxide	20	E	Hydrogen Sulfide	Dry	E	Potassium Dichromate	40	E	Sulfur Dioxide	All	E
Calcium Hydrochlorite	2	F	Idoform	100	E	Potassium Ferrocyanide	25	E	Sulfuric Acid	100	E
Calcium Sulfate	2	E	Isopropyl Alcohol	100	E	Potassium hydroxide	5	E	Sulfuric Acid	5	F
Carbon Tetrachloride			Jet Fuel	100	E	Potassium Iodide	All	E	Tannic Acid	10	E
Chlorine (Wet)		F	Lactic Acid	100	E	Potassium Nitrate	50	E	Tartaric Acid	50	E
Chlorine (Dry)		F	Lanolin	10	E	Potassium Permanganate	5	E	Tetrahydrofuran	100	E
Chloroacetic Acid	30	F	Lead Acetate	5	E	Potassium Sulfate	5	E	Toluene	100	F
Chloroform	100	E	Magnesium Carbonate	All	E	Potassium Sulfide	AQ C.S.	E	Xylene	100	E
Chromic Acid	5	E	Magnesium Chloride	10	F	Propyl Alcohol	100	E	Zinc Chloride	70	E
Citric Acid	50	E	Magnesium Nitrate	All	E	Silver Nitrate	10	E	Zinc Nitrate	AQ C.S.	E
Copper Cyanide	10	E	Malic Acid	AQ C.S.	E	Sodium Acetate	60	E	Zinc Sulfate	AQ C.S.	E
Copper Nitrate	50	E	Mercury	100	E	Sodium Bicarbonate	All	E			

*E = Excellent S = Satisfactory F = Fair AQ C.S. = Aqueous Cold Saturated All = All % Concentrations

Rigorous Tests and Physical Properties of Stainless Steel Ties

STRENGTH: *PANDUIT*® *PAN-STEEL*® Stainless Steel Ties are tested per the SAE Standard AS23190 formerly U.S. Military Specification MIL-S-23190, minimum loop tensile test. This test consists of applying a tie to a split mandrel and then measuring the force required to separate the (2) halves until the tie fails. These minimum loop tensile strengths are given for the various products on pages B3.3 through B3.20.

TEMPERATURE EXTREMES: *PANDUIT*® *PAN-STEEL*® Stainless Steel Ties are 100% stainless steel in the alloy provided (locking head, locking ball and body all provided from the same grade of material ordered).

Various temperature tests have been successfully completed. One such test is the U.S. Military Temperature Cycling Test per Thermal Shock Method 107, Test Condition B of MIL-STD-202F. This test exposes the parts from low temperature 85°F (-65°C) to high temperature 275°F (135°C) to low temperature -85°F (-65°C). After exposure, the parts must be free of cracks, distortions, breaks, release of locking device, and meet the minimum loop tensile requirements.

SHOCK AND VIBRATION: *PANDUIT*® *PAN-STEEL*® standard and heavy cross section ties have passed the U.S. Military random vibration Test Method 214. Test Condition II, Letter J of MIL-STD-202. This test consists of applying parts to a bundle and then vibrating them with random vibration for 8 hours in each of two mutually perpendicular directions. The parts are then subjected to further temperature testing and finally have to pass the minimum loop tensile strength test.

PANDUIT® *PAN-STEEL*® Extra Heavy, Super Heavy, MSW50 Strapping, and MSW63 Strapping have passed the U.S. Military Shock and Vibration Testing per MIL-STD-167 and MIL-S-901D. The ties were subjected to vibrations in all three planes from 4 – 50Hz and Shock testing in all three planes utilizing a hammer shock machine.

SALT SPRAY: *PANDUIT*® *PAN-STEEL*® Stainless Steel Ties have been subjected to salt spray tests without signs of corrosion or reduction in performance.

OUTDOOR EXPOSURE: *PANDUIT*® *PAN-STEEL*® Stainless Steel Ties have been exposed outdoors at New Lenox, Illinois USA since 1985. At the printing of this catalog, there has been no sign of corrosion or loss of performance.

FLUID IMMERSION: *PANDUIT*® *PAN-STEEL*® Stainless Steel Ties were immersed in: 1-Hydraulic Fluid, 2-Turbine Fuel, 3-Lubricating Oil, and 4-Isopropyl Alcohol for four hours at temperatures of 122°F (50°C). Per SAE Standard AS23190/3, the parts were then subjected to and passed the minimum loop tensile test.

RADIATION: Installed cable ties of various materials have been exposed to different amounts of radiation to determine the maximum acceptable limit. These tests were conducted by *PANDUIT* to determine the acceptability for use in various areas of nuclear power plants (accumulated over 40 year life). Radiation resistance is $2x10^8$ rads.

Military Cross Reference (AS23190)

Current Military Standard Part Number	*PANDUIT* Part Number
AS23190/3-1	MLT2S-CP
AS23190/3-1	MLT2S-CP316
AS23190/3-2	MLT4S-CP
AS23190/3-2	MLT4S-CP316
AS23190/3-3	MLT6S-CP
AS23190/3-3	MLT6S-CP316
AS23190/3-4	MLT8S-CP
AS23190/3-4	MLT8S-CP316
AS23190/3-5	MLT2H-LP
AS23190/3-5	MLT2H-LP316
AS23190/3-6	MLT4H-LP
AS23190/3-6	MLT4H-LP316
AS23190/3-7	MLT6H-LP
AS23190/3-7	MLT6H-LP316
AS23190/3-8	MLT8H-LP
AS23190/3-8	MLT8H-LP316
AS23190/3-9	MLT10H-LP
AS23190/3-9	MLT10H-LP316

Gage Conversion Chart

Gage	Inches	mm
10	.135	3.571
11	.120	3.175
12	.105	2.778
13	.090	2.381
14	.075	1.984
15	.067	1.778
16	.060	1.587
17	.054	1.422
18	.048	1.270
19	.042	1.118
20	.036	0.965
21	.033	0.865
22	.030	0.793
23	.027	0.711
24	.024	0.635
25	.021	0.559
26	.018	0.483
27	.016	0.432
28	.015	0.396
29	.014	0.356
30	.012	0.330
31	.011	0.279
32	.010	0.254
33	.009	0.229
34	.008	0.216

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
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E3. Pre-Printed & Write-On Markers
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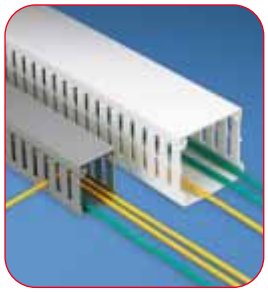
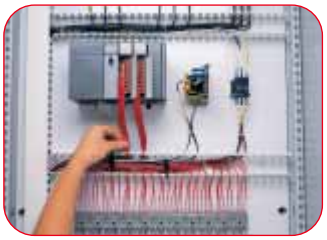
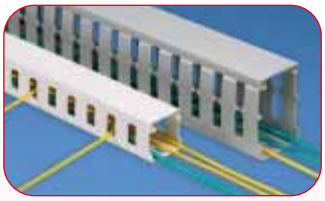
Notes

WIRING DUCT

From the smallest wall mounted panels to the largest integrated turnkey systems *PANDUIT*® *PANDUCT*® Wiring Duct is the premium wire management solution for routing and concealing wiring in electrical control panels. *PANDUCT*® Wiring Ducts provide solutions for the Original Equipment Manufacturing, Transportation, Contract Manufacturing, Maintenance & Repair and Communications markets. All *PANDUCT*® Wiring Ducts are UL Recognized and CSA Certified and most carry the CE mark.







Some of the features and benefits found in *PANDUCT*® Wiring Duct include:

- **Smooth corners and edges that will not abrade wiring or irritate hands**
- **Integrated nonskid liners and unique cover designs insure the duct cover will not slide once installed or during vibration**
- **Specially formulated lead-free PVC material meets the NFPA79: 2002 flame retardancy requirements and carries a UL94V-0 flammability rating**
- **Scorelines for easy removal of duct fingers and sidewalls**
- **Accessories and tools that increase productivity and lower the installed cost**

PANDUIT continues to develop new *PANDUCT*® Wiring Duct solutions to satisfy the challenges facing our customers worldwide. Now with additional sizes, Type H features a *PANDUIT* exclusive dual-sided hinging cover providing more convenient channel access and preventing lost covers for superior aesthetics. An alternative to traditional Noryl* ducts, Type NNC is halogen free, has a preferred UL94V-0 flammability rating and a UL continuous use temperature of up to 203°F (95°C). Type TMC Low Smoke and Low Toxicity Metric Wiring Duct is a narrow finger style that meets the flame, smoke and toxicity regulatory requirements for Mass Transit Rail applications.

*NORYL is a registered trademark of General Electric Company.

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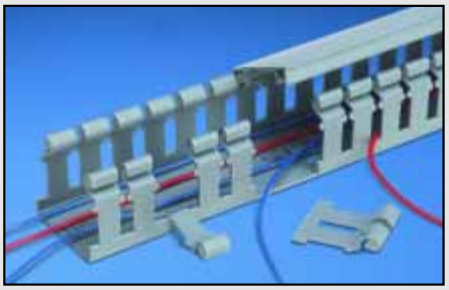
Wiring Duct for Control Panel Applications

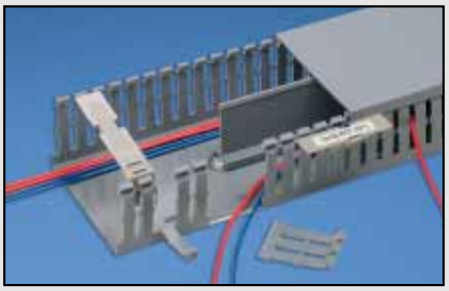
A **For information on FL Wiring Duct and other *PANDUCT*® Accessories (pages C1.24-C1.31)**

Wiring Duct for Control Panel Applications (continued)

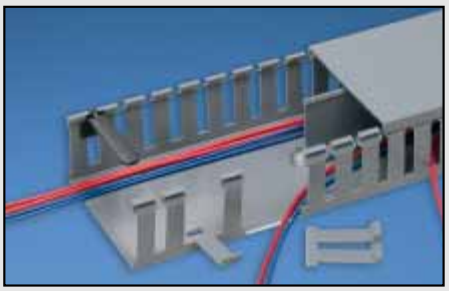
1 *PANDUCT*® Type H Hinged Cover Wiring Duct (pages C1.4 – C1.5)



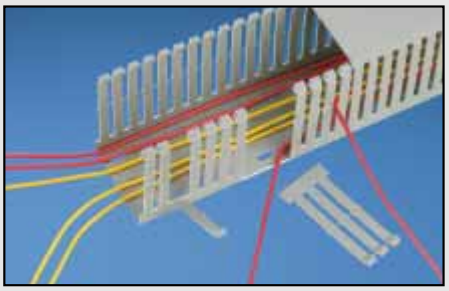
2 *PANDUCT*® Type F Narrow Slot Wiring Duct (pages C1.8 – C1.9)



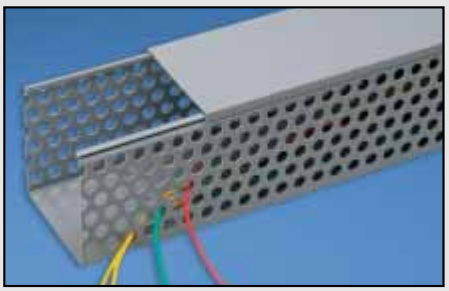
3 *PANDUCT*® Type G Wide Slot Wiring Duct (pages C1.6 – C1.7)



4 *PANDUCT*® Type MC Metric Wiring Duct (pages C1.12 – C1.13)

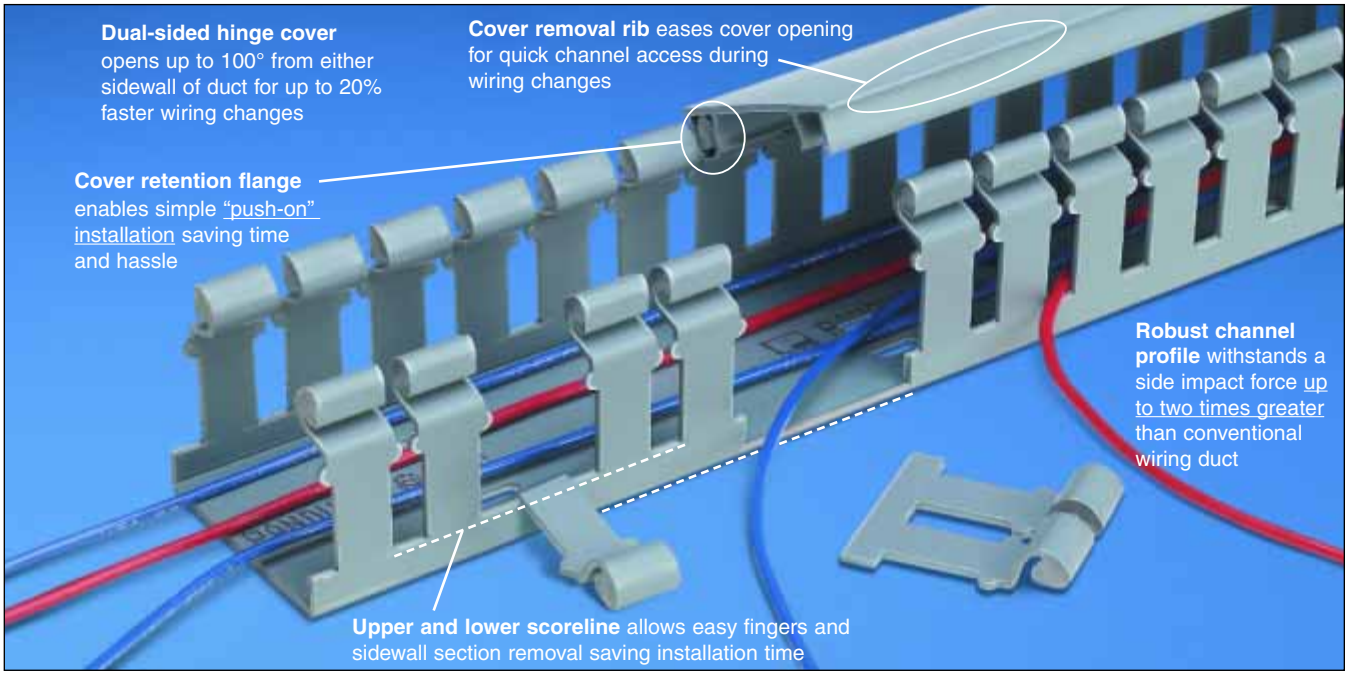


5 *PANDUCT*® Type D Flush Cover Round Hole Wiring Duct (pages C1.10 – C1.11)

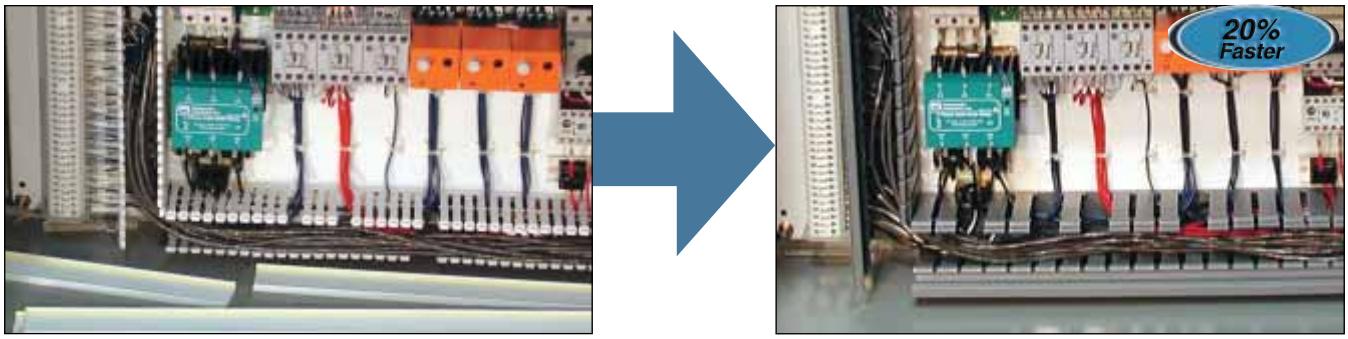


Features and Benefits – *PANDUCT*® Type H – Hinged Cover Wiring Duct

Available in eight sizes from 1.5" x 2" up to 4" x 4" in Light Gray, Black and White colors.



Save Time and Material Replacement Costs

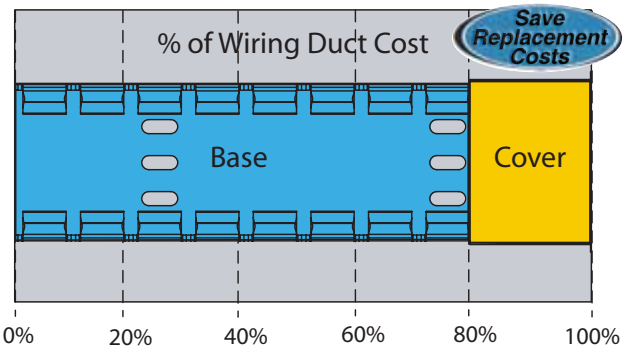


Conventional Method **With Hinged Cover Wiring Duct**

- By avoiding the time and hassle in removing and replacing covers, simple wiring changes can be made up to **20% faster** compared to conventional wiring duct installations*

Avoid Cover Replacement Costs

- Covers represent 20% of the cost of the wiring duct purchase
- Misplaced covers are a common occurrence after years of use
- Not needing to remove covers during maintenance ensures **better aesthetics and safety** and **avoids the cost to replace lost covers.**



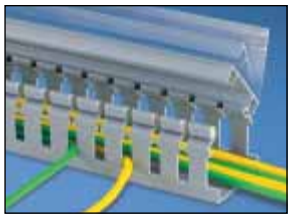
*Based on mock panel installations of Type H Hinged Cover Wiring Duct and other commonly available wiring ducts adding a single component with four wires.

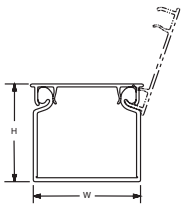
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PANDUCT® Type H – Hinged Cover Wiring Duct

- Material: Lead-free PVC
- UL Recognized continuous use temperature: 122°F (50°C)
- UL94 Flammability Rating of V-0
- Conforms with NFPA 79-2002 section 14.3.1 requirement for flame retardant material
- Provided with mounting holes





Base Part Number	Duct Size W x H		Slot Width		Cover Part Number	Base & Cover Length (ft)	Std. Pkg. Qty	Std. Ctn. Qty.
	In.	mm	In.	mm				
NEW! H1.5X2LG6	1.75 x 1.98	44.5 x 50.3	.31	7.9	HC1.5LG6	6	6	120
NEW! H1.5X3LG6	1.75 x 3.06	44.5 x 77.7	.31	7.9	HC1.5LG6	6	6	120
H2X2LG6	2.17 x 1.98	55.1 x 50.3	.31	7.9	HC2LG6	6	6	120
NEW! H2X3LG6	2.17 x 3.06	55.1 x 77.7	.31	7.9	HC2LG6	6	6	60
H2X4LG6	2.17 X 4.10	55.1 X 104.1	.31	7.9	HC2LG6	6	6	60
NEW! H3X3LG6	3.25 x 3.06	82.6 x 77.7	.31	7.9	HC3LG6	6	6	60
NEW! H3X4LG6	3.25 x 4.10	82.6 x 104.1	.31	7.9	HC3LG6	6	6	60
H4X4LG6	4.25 x 4.10	108.0 x 104.1	.31	7.9	HC4LG6	6	6	60

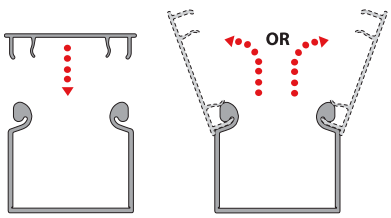
NEW! PANDUCT® Type HS – Hinged Cover Solid Wall Raceway

- Material: Lead-free PVC
- UL Recognized continuous use temperature: 122°F (50°C)
- UL94 Flammability Rating of V-0
- Supplied without mounting holes

Base Part Number	Duct Size (W x H)		Cover Part Number	Base & Cover Length (ft)	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm				
HS1.5X2LG6NM	1.75 x 1.98	44.5 x 50.3	HC1.5LG6	6	6	120
HS1.5X3LG6NM	1.75 x 3.06	44.5 x 77.7	HC1.5LG6	6	6	60
HS2X2LG6NM	2.17 x 1.98	55.1 x 50.3	HC2LG6	6	6	120
HS2X3LG6NM	2.17 x 3.06	55.1 x 77.7	HC2LG6	6	6	60
HS2X4LG6NM	2.17 x 4.10	55.1 x 104.1	HC2LG6	6	6	60
HS3X3LG6NM	3.25 x 3.06	82.6 x 77.7	HC3LG6	6	6	60
HS3X4LG6NM	3.25 x 4.10	82.6 x 104.1	HC3LG6	6	6	60
HS4X4LG6NM	4.25 x 4.10	108.0 x 104.1	HC4LG6	6	6	60

Part Number shown for LG (Light Gray). For BL (Black) and WH (White) colors see Color Selection Guide, page C1.43.
Base and cover sold separately.

Ease of Installation and Access



Push-On Cover/Dual Sided Hinging Cover

- Cover retention flanges guide duct fingers into cover for simple **push-on cover installation**
- Cover can hinge open to **100°** from either sidewall to allow full channel access

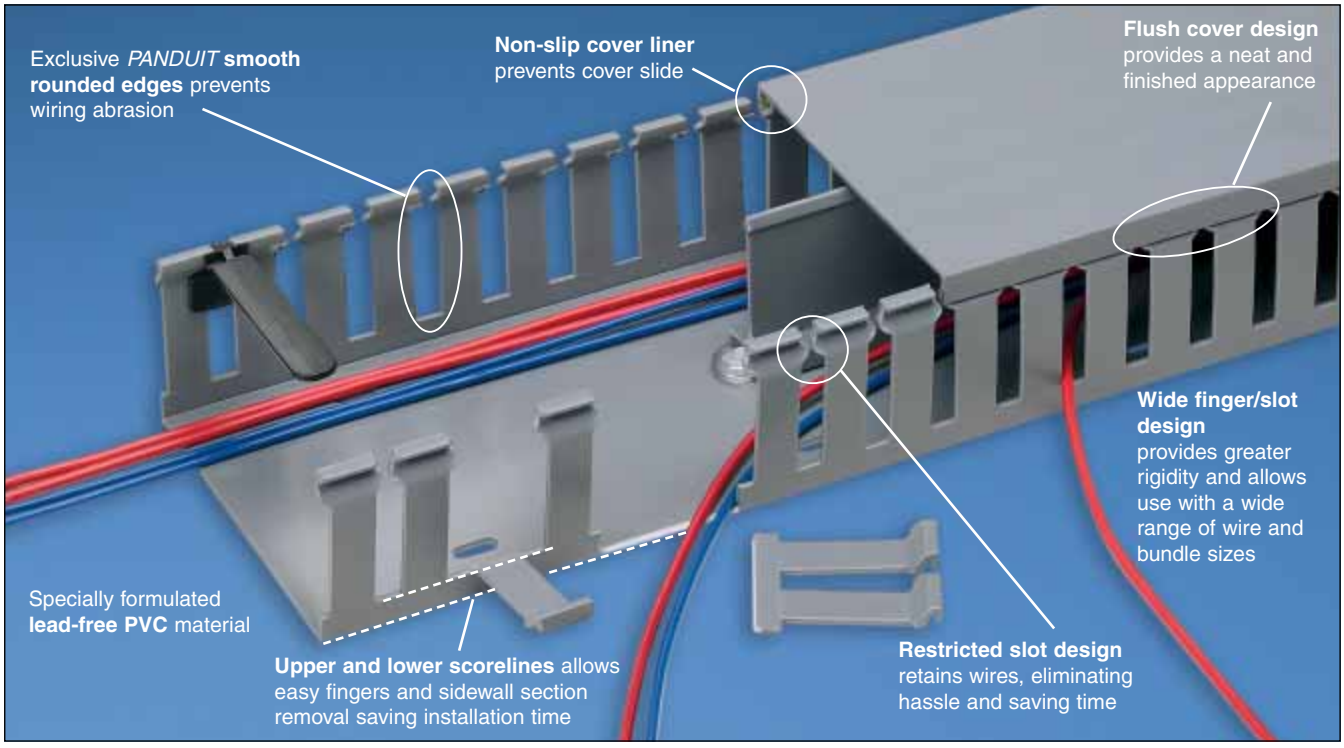
Robust Profile with Superior Cover Performance

- Covers fully engages fingers limiting sidewall flex for greater rigidity and durability*
- Cover retention strength in vertical applications is up to **2 times greater** than conventional wiring ducts**
- **Up to 2 times the side impact force** is required to disengage the cover compared to conventional wiring ducts**

**Based on test and measurements comparing Type H Hinged Cover Wiring Duct and other commonly available wiring ducts.

Features and Benefits – *PANDUCT*® Type G – Wide Slot Wiring Duct

Available in 36 sizes from .5" x .5" up to 6" x 4" in a variety of colors.



***PANDUCT*® Wire Retainers for Type G Wiring Duct**
Contain wiring when duct cover is opened. Wire retainers snap easily between duct fingers.
See page C1.26.

***PANDUCT*® Divider Wall**
Create separate wiring channels within the wiring duct base. Available in solid or slotted wall styles.
See page C1.24.

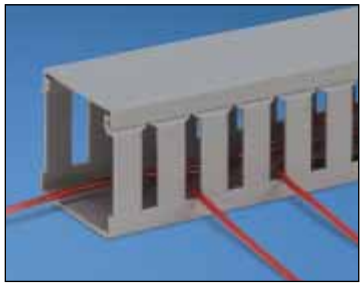
***PANDUCT*® Installation Tools**
Wide selection of hand tools for cutting and installing wiring duct.
See page C1.31.

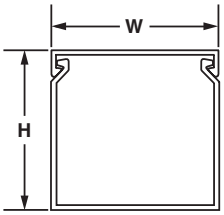
***PANDUCT*® Nylon Rivets**
Fast, lowest cost mounting method.
See page C1.31.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PANDUCT® Type G – Wide Slot Wiring Duct

- Wide slot/finger design provides greater sidewall rigidity and can be used with a wide range of wire bundle sizes
- Material: Lead-free PVC
- UL Recognized continuous use temperature: 122°F (50°C)
- UL94 Flammability Rating of V-0
- Conforms with NFPA 79-2002 section 14.3.1 requirement for flame retardant material
- Provided with mounting holes



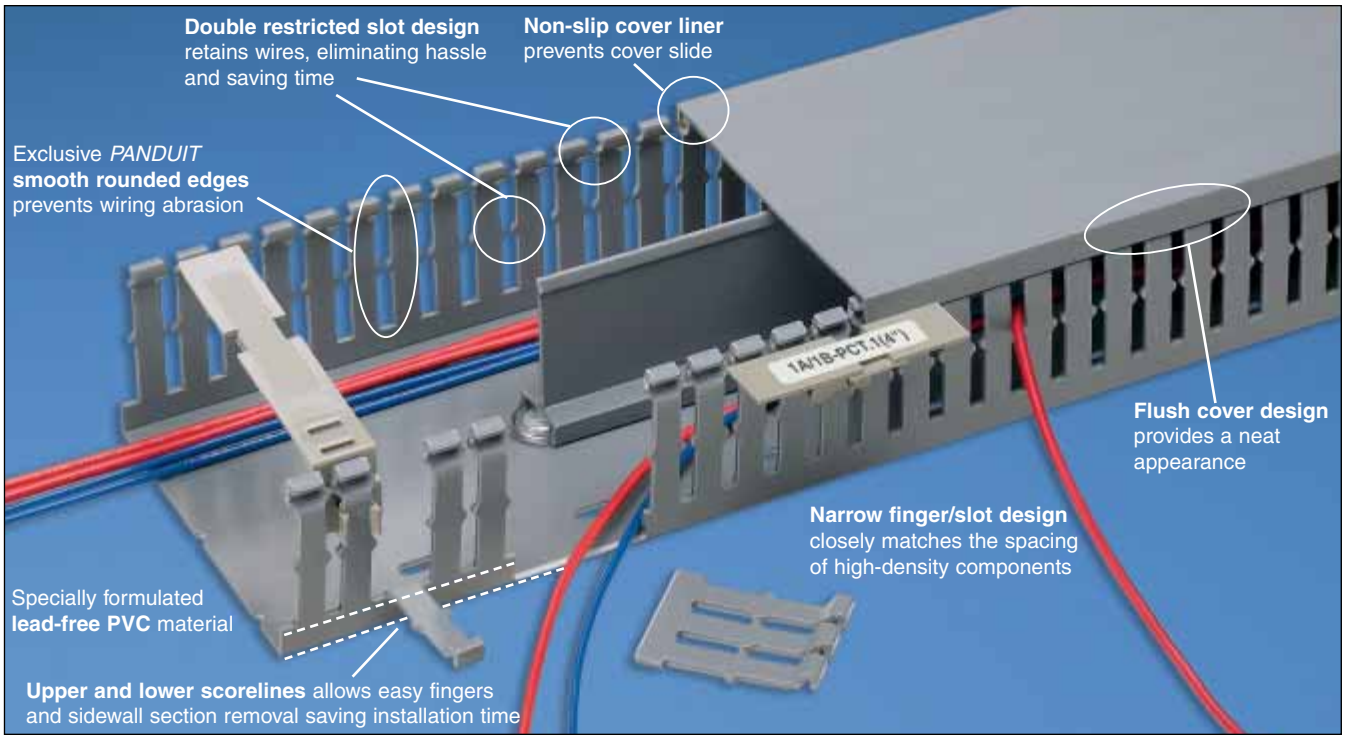


Base Part Number	Duct Size (W x H)		Slot Width		Cover Part Number	Base & Cover Length (ft)	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm				
G.5X.5LG6	.69 x .60	17.5 x 15.2	.38	9.7	C.5LG6	6	6	120
G.5X1LG6	.69 x 1.06	17.5 x 26.9	.31	7.9	C.5LG6	6	6	120
G.5X2LG6	.69 x 2.03	17.5 x 51.6	.31	7.9	C.5LG6	6	6	120
G.5X4LG6	.69 x 4.10	17.5 x 104.1	.31	7.9	C.5LG6	6	6	60
G.75X.75LG6	.93 x .82	23.6 x 20.8	.31	7.9	C.75LG6	6	6	120
G.75X1LG6	.93 x 1.06	23.6 x 26.9	.31	7.9	C.75LG6	6	6	120
G.75X1.5LG6	.93 x 1.57	23.6 x 39.9	.31	7.9	C.75LG6	6	6	120
G.75X2LG6	.93 x 2.03	23.6 x 51.6	.31	7.9	C.75LG6	6	6	120
G1X1LG6	1.26 x 1.12	32.0 x 28.4	.31	7.9	C1LG6	6	6	120
G1X1.5LG6	1.26 x 1.62	32.0 x 41.1	.31	7.9	C1LG6	6	6	120
G1X2LG6	1.26 x 2.12	32.0 x 53.8	.31	7.9	C1LG6	6	6	120
G1X3LG6	1.26 x 3.12	32.0 x 79.2	.31	7.9	C1LG6	6	6	120
G1X4LG6	1.26 x 4.10	32.0 x 104.1	.31	7.9	C1LG6	6	6	60
G1.5X1LG6	1.75 x 1.12	44.5 x 28.4	.31	7.9	C1.5LG6	6	6	120
G1.5X1.5LG6	1.75 x 1.62	44.5 x 41.1	.31	7.9	C1.5LG6	6	6	120
G1.5X2LG6	1.75 x 2.12	44.5 x 53.8	.31	7.9	C1.5LG6	6	6	120
G1.5X3LG6	1.75 x 3.12	44.5 x 79.2	.31	7.9	C1.5LG6	6	6	120
G1.5X4LG6	1.75 x 4.10	44.5 x 104.1	.31	7.9	C1.5LG6	6	6	60
G2X1LG6	2.25 x 1.12	57.2 x 28.4	.31	7.9	C2LG6	6	6	120
G2X1.5LG6	2.25 x 1.62	57.2 x 41.1	.31	7.9	C2LG6	6	6	120
G2X2LG6	2.25 x 2.12	57.2 x 53.8	.31	7.9	C2LG6	6	6	120
G2X3LG6	2.25 x 3.12	57.2 x 79.2	.31	7.9	C2LG6	6	6	60
G2X4LG6	2.25 x 4.10	57.2 x 104.1	.31	7.9	C2LG6	6	6	60
G2X5LG6	2.25 x 5.10	57.2 x 129.5	.38	9.7	C2LG6	6	6	60
G2.5X3LG6	2.75 x 3.12	69.9 x 79.2	.31	7.9	C2.5LG6	6	6	120
G3X1LG6	3.25 x 1.12	82.6 x 28.4	.31	7.9	C3LG6	6	6	120
G3X2LG6	3.25 x 2.12	82.6 x 53.8	.31	7.9	C3LG6	6	6	120
G3X3LG6	3.25 x 3.12	82.6 x 79.2	.31	7.9	C3LG6	6	6	60
G3X4LG6	3.25 x 4.10	82.6 x 104.1	.31	7.9	C3LG6	6	6	60
G3X5LG6	3.25 x 5.10	82.6 x 129.5	.38	9.7	C3LG6	6	6	60
G4X1.5LG6	4.25 x 1.62	108.0 x 41.1	.31	7.9	C4LG6	6	6	120
G4X2LG6	4.25 x 2.12	108.0 x 53.8	.31	7.9	C4LG6	6	6	60
G4X3LG6	4.25 x 3.12	108.0 x 79.2	.31	7.9	C4LG6	6	6	60
G4X4LG6	4.25 x 4.10	108.0 x 104.1	.31	7.9	C4LG6	6	6	60
G4X5LG6	4.25 x 5.10	108.0 x 129.5	.38	9.7	C4LG6	6	6	60
G6X4LG6	6.25 x 4.15	158.8 x 105.4	.31	7.9	C6LG6	6	6	60

Part Number shown for LG (Light Gray). For other color availability see Color Selection Guide, page C1.43.
Base and cover sold separately.

Features and Benefits – *PANDUCT*® Type F – Narrow Slot Wiring Duct

Available in 29 sizes from .5" x .5" up to 4" x 5" in a variety of colors.



***PANDUCT*® Wire Retainers for Type F Wiring Duct**
Contain wiring when duct cover is opened. Wire retainers snap easily between duct fingers.
See page C1.27.

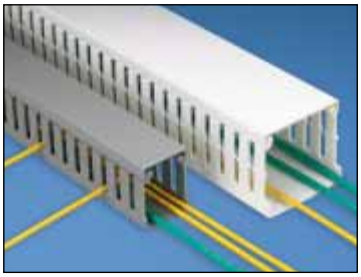
***PANDUCT*® Divider Wall**
Create separate wiring channels within the wiring duct base. Available in solid or slotted wall styles.
See page C1.24.

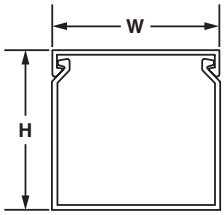
***PANDUCT*® Installation Tools**
Wide selection of hand tools for cutting and installing wiring duct.
See page C1.31.

***PANDUCT*® Nylon Rivets**
Fast, lowest cost mounting method.
See page C1.31.

PANDUCT® Type F – Narrow Slot Wiring Duct

- Narrow slot/finger design provides more slots to fit the spacing of high-density terminal blocks and other hardware
- Material: Lead-free PVC
- UL Recognized continuous use temperature: 122°F (50°C)
- UL94 Flammability Rating of V-0
- Conforms with NFPA 79-2002 section 14.3.1 requirement for flame retardant material
- Provided with mounting holes



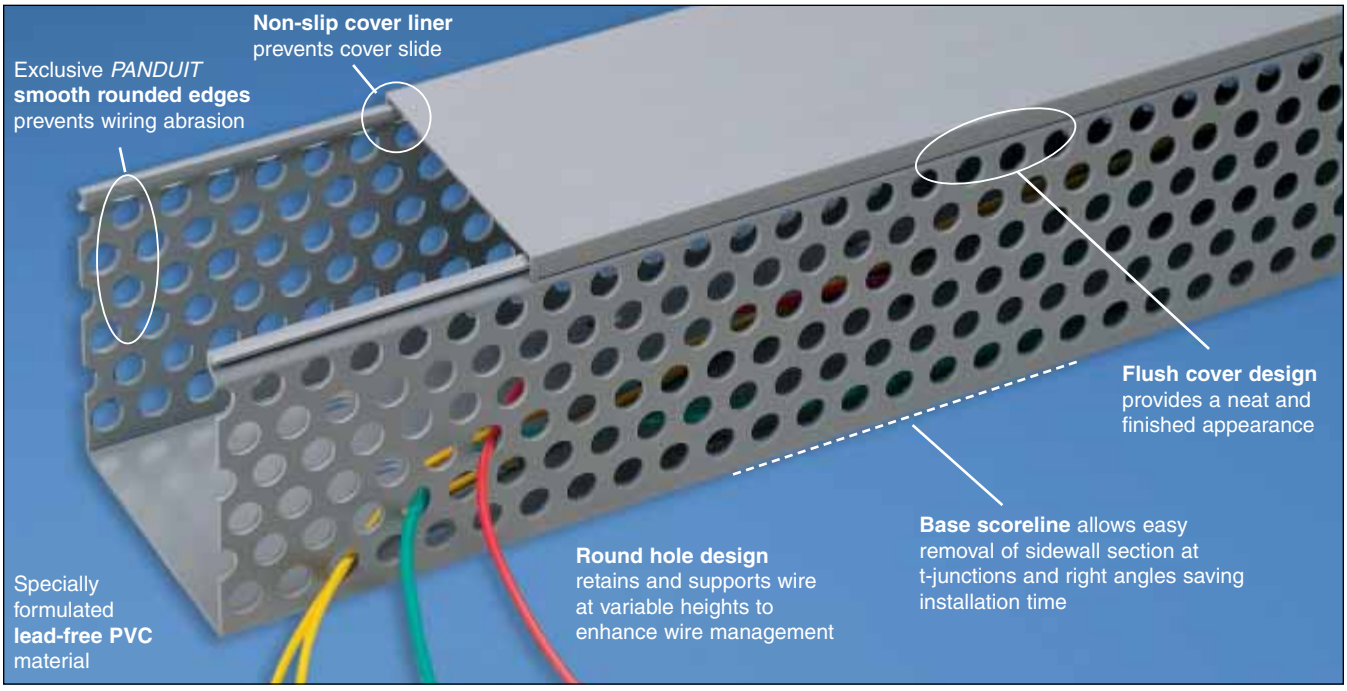


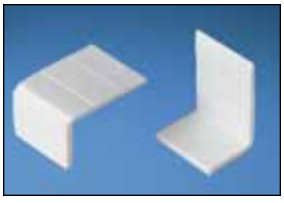
Base Part Number	Duct Size (W x H)		Slot Width		Cover Part Number	Base & Cover Length (ft)	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm				
F.5X.5LG6	.69 x .60	17.5 x 15.2	.20	5.0	C.5LG6	6	6	120
F.5X1LG6	.69 x 1.06	17.5 x 26.9	.20	5.0	C.5LG6	6	6	120
F.75X.75LG6	.93 x .82	23.6 x 20.8	.20	5.0	C.75LG6	6	6	120
F.75X1.5LG6	.93 x 1.57	23.6 x 39.9	.20	5.0	C.75LG6	6	6	120
F1X1LG6	1.26 x 1.12	32.0 x 28.4	.20	5.0	C1LG6	6	6	120
F1X1.5LG6	1.26 x 1.62	32.0 x 41.1	.20	5.0	C1LG6	6	6	120
F1X2LG6	1.26 x 2.12	32.0 x 53.8	.20	5.0	C1LG6	6	6	120
F1X3LG6	1.26 x 3.12	32.0 x 79.2	.20	5.0	C1LG6	6	6	120
F1X4LG6	1.26 x 4.10	32.0 x 104.1	.20	5.0	C1LG6	6	6	60
F1.5X1LG6	1.75 x 1.12	44.5 x 28.4	.20	5.0	C1.5LG6	6	6	120
F1.5X1.5LG6	1.75 x 1.62	44.5 x 41.1	.20	5.0	C1.5LG6	6	6	120
F1.5X2LG6	1.75 x 2.12	44.5 x 53.8	.20	5.0	C1.5LG6	6	6	120
F1.5X3LG6	1.75 x 3.12	44.5 x 79.2	.20	5.0	C1.5LG6	6	6	120
F1.5X4LG6	1.75 x 4.10	44.5 x 104.1	.20	5.0	C1.5LG6	6	6	60
F2X1LG6	2.25 x 1.12	57.2 x 28.4	.20	5.0	C2LG6	6	6	120
F2X1.5LG6	2.25 x 1.62	57.2 x 41.1	.20	5.0	C2LG6	6	6	120
F2X2LG6	2.25 x 2.12	57.2 x 53.8	.20	5.0	C2LG6	6	6	120
F2X3LG6	2.25 x 3.12	57.2 x 79.2	.20	5.0	C2LG6	6	6	60
F2X4LG6	2.25 x 4.10	57.2 x 104.1	.20	5.0	C2LG6	6	6	60
F2X5LG6	2.25 x 5.10	57.2 x 129.5	.20	5.0	C2LG6	6	6	60
F3X1LG6	3.25 x 1.12	82.6 x 28.4	.20	5.0	C3LG6	6	6	120
F3X2LG6	3.25 x 2.12	82.6 x 53.8	.20	5.0	C3LG6	6	6	120
F3X3LG6	3.25 x 3.12	82.6 x 79.2	.20	5.0	C3LG6	6	6	60
F3X4LG6	3.25 x 4.10	82.6 x 104.1	.20	5.0	C3LG6	6	6	60
F3X5LG6	3.25 x 5.10	82.6 x 129.5	.20	5.0	C3LG6	6	6	60
F4X2LG6	4.25 x 2.12	108.0 x 53.8	.20	5.0	C4LG6	6	6	60
F4X3LG6	4.25 x 3.12	108.0 x 79.2	.20	5.0	C4LG6	6	6	60
F4X4LG6	4.25 x 4.10	108.0 x 104.1	.20	5.0	C4LG6	6	6	60
F4X5LG6	4.25 x 5.10	108.0 x 129.5	.20	5.0	C4LG6	6	6	60

Part Number shown for LG (Light Gray). For other color availability see Color Selection Guide, page C1.43.
Base and cover sold separately.

Features and Benefits – *PANDUCT*® Flush Cover Type D – Round Hole Wiring Duct

Available in 16 sizes from 1" x 2" up to 4" x 4" in a variety of colors.





***PANDUCT*® Wire Retainers for Type D Wiring Duct**
Contain wiring when duct cover is opened. Wire retainers mount onto walls with pressure sensitive adhesive.
See page C1.26.

***PANDUCT*® Divider Wall**
Create separate wiring channels within the wiring duct base. Available in solid or slotted wall styles.
See page C1.24.

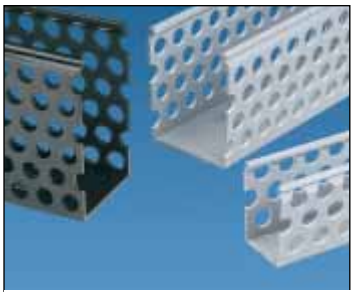
***PANDUCT*® Installation Tools**
Wide selection of hand tools for cutting and installing wiring duct.
See page C1.31.

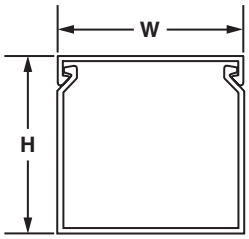
***PANDUCT*® Nylon Rivets**
Fast, lowest cost mounting method.
See page C1.31.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PANDUCT® Flush Cover Type D – Round Hole Wiring Duct

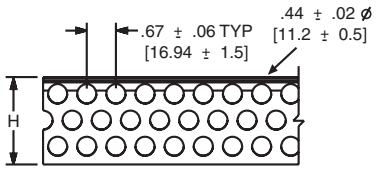
- Round hole design has multiple rows of holes to retain and support wire at variable heights and positions
- Material: Lead-free PVC
- UL Recognized continuous use temperature: 122°F (50°C)
- UL94 Flammability Rating of V-0
- Conforms with NFPA 79-2002 section 14.3.1 requirement for flame retardant material
- Provided with mounting holes





Base Part Number	Duct Size (W x H) In.	Duct Size (W x H) mm	Cover Part Number	Base & Cover Length (ft)	Std. Pkg. Qty.	Std. Ctn. Qty.
D1X2LG6	1.26 x 2.12	32.0 x 53.8	C1LG6	6	6	120
D1X3LG6	1.26 x 3.12	32.0 x 79.2	C1LG6	6	6	120
D1X4LG6	1.26 x 4.10	32.0 x 104.1	C1LG6	6	6	120
D1.5X2LG6	1.75 x 2.12	44.5 x 53.8	C1.5LG6	6	6	120
D1.5X3LG6	1.75 x 3.12	44.5 x 79.2	C1.5LG6	6	6	120
D1.5X4LG6	1.75 x 4.10	44.5 x 104.1	C1.5LG6	6	6	60
D2X2LG6	2.25 x 2.12	57.2 x 53.8	C2LG6	6	6	120
D2X3LG6	2.25 x 3.12	57.2 x 79.2	C2LG6	6	6	60
D2X4LG6	2.25 x 4.10	57.2 x 104.1	C2LG6	6	6	60
D2.5X3LG6	2.75 x 3.12	69.9 x 79.2	C2.5LG6	6	6	120
D3X2LG6	3.25 x 2.12	82.6 x 53.8	C3LG6	6	6	120
D3X3LG6	3.25 x 3.12	82.6 x 79.2	C3LG6	6	6	60
D3X4LG6	3.25 x 4.10	82.6 x 104.1	C3LG6	6	6	60
D4X2LG6	4.25 x 2.12	108.0 x 53.8	C4LG6	6	6	60
D4X3LG6	4.25 x 3.12	108.0 x 79.2	C4LG6	6	6	60
D4X4LG6	4.25 x 4.10	108.0 x 104.1	C4LG6	6	6	60

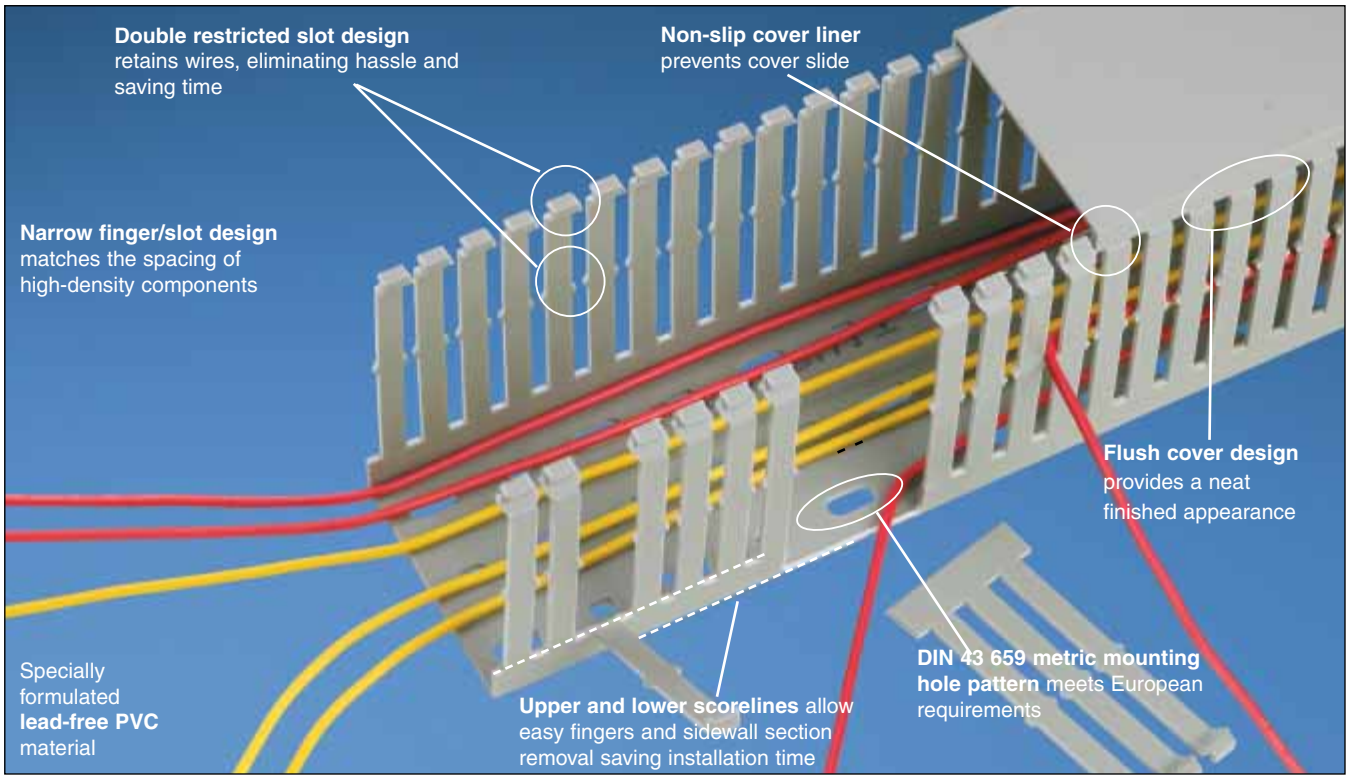
Part Number shown for LG (Light Gray). For other color availability see Color Selection Guide, page C1.43.
Base and cover sold separately.



For 2" duct height = 3 rows of holes
3" duct height = 4 rows of holes
4" duct height = 6 rows of holes

Features and Benefits – *PANDUCT*® Type MC – Metric Narrow Slot Wiring Duct

Available in 22 sizes from 25mm x 25mm up to 100mm x 100mm in International Gray color.



***PANDUCT*® Wire Retainers for Type MC Wiring Duct**
Contain wiring when duct cover is opened. Wire retainers snap easily between duct fingers.
See page C1.27.

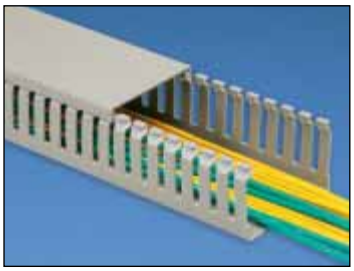
***PANDUCT*® Divider Wall**
Create separate wiring channels within the wiring duct base. Available in solid or slotted wall styles.
See page C1.24.

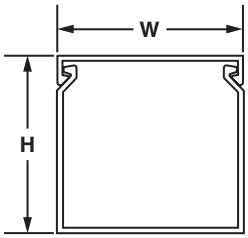
***PANDUCT*® Installation Tools**
Wide selection of hand tools fo r cutting and installing wiring duct.
See page C1.31.

***PANDUCT*® Nylon Rivets**
Fast, lowest cost mounting method.
See page C1.31.

PANDUCT® Type MC – Metric Narrow Slot Wiring Duct

- CE compliant and metric sizing for control panels intended for European applications
- Material: Lead-free PVC
- UL Recognized continuous use temperature: 122°F (50°C)
- UL94 Flammability Rating of V-0
- Conforms with NFPA 79-2002 section 14.3.1 requirement for flame retardant material
- Provided with DIN 43 659 mounting holes
- Duct and cover packaged together in 2 meter lengths



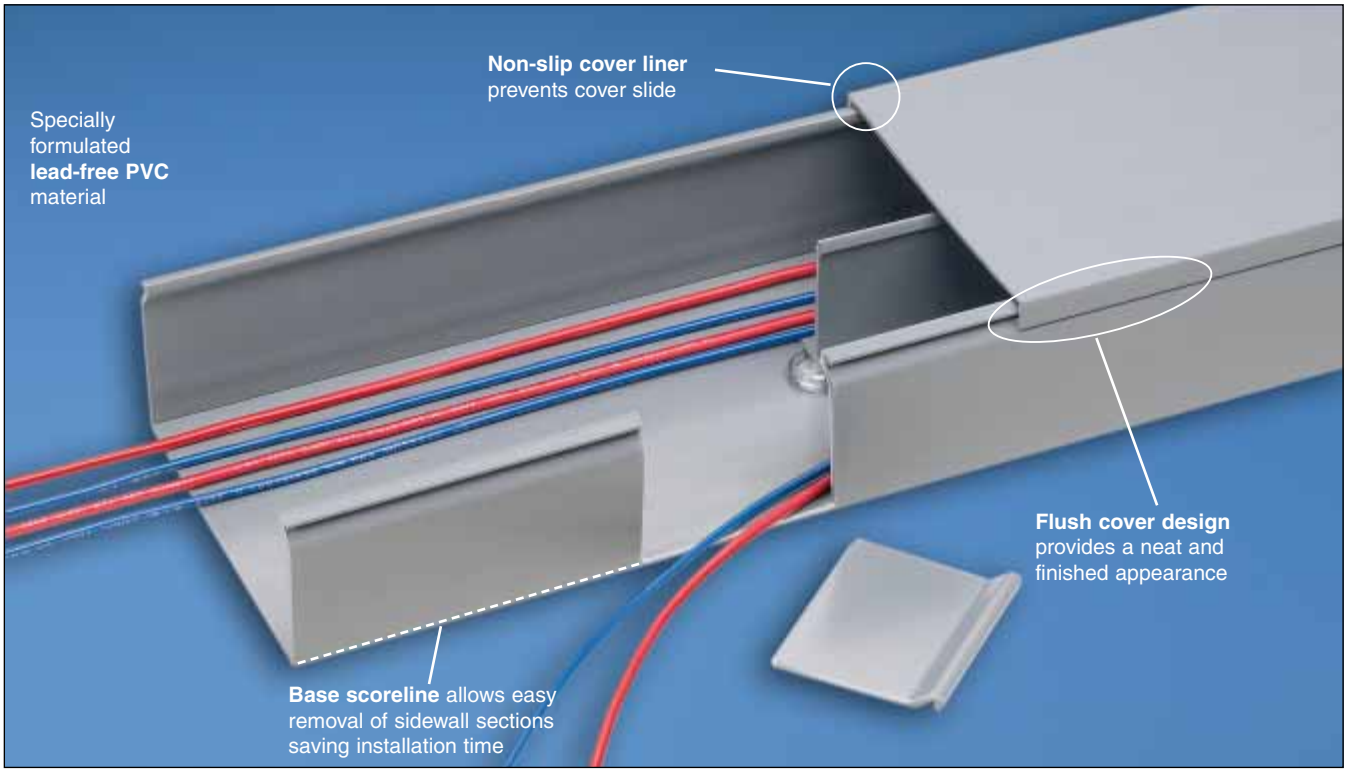


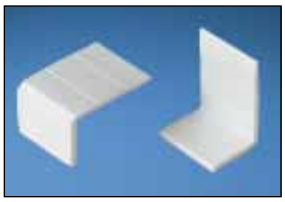
Base & Cover Part Number	Duct Size (W x H)		Slot Width		Replacement Cover Part Number	Base & Cover Length (M)	Std. Pkg. Qty. (M)
	mm	In.	In.	mm			
MC25X25IG2	24.6 x 23.6	.97 x .93	.20	5.0	C25IG2	2	20
MC25X37IG2	24.6 x 35.8	.97 x 1.41	.20	5.0	C25IG2	2	20
MC25X50IG2	24.6 x 47.8	.97 x 1.88	.20	5.0	C25IG2	2	20
MC25X62IG2	24.6 x 59.7	.97 x 2.35	.20	5.0	C25IG2	2	20
MC25X75IG2	24.6 x 72.4	.97 x 2.85	.20	5.0	C25IG2	2	20
MC37X37IG2	37.1 x 35.8	1.46 x 1.41	.20	5.0	C37IG2	2	20
MC37X50IG2	37.1 x 47.8	1.46 x 1.88	.20	5.0	C37IG2	2	20
MC37X62IG2	37.1 x 59.7	1.46 x 2.35	.20	5.0	C37IG2	2	20
MC37X75IG2	37.1 x 72.4	1.46 x 2.85	.20	5.0	C37IG2	2	20
MC50X50IG2	49.5 x 47.8	1.95 x 1.89	.20	5.0	C50IG2	2	20
MC50X75IG2	49.5 x 72.4	1.95 x 2.85	.20	5.0	C50IG2	2	10
MC50X100IG2	49.5 x 97.8	1.95 x 3.85	.20	5.0	C50IG2	2	10
MC62X37IG2	62.0 x 35.8	2.44 x 1.41	.20	5.0	C62IG2	2	20
MC62X62IG2	62.0 x 59.7	2.44 x 2.35	.20	5.0	C62IG2	2	20
MC75X50IG2	74.7 x 48.0	2.94 x 1.89	.20	5.0	C75IG2	2	20
MC75X62IG2	74.7 x 59.7	2.94 x 2.35	.20	5.0	C75IG2	2	20
MC75X75IG2	74.7 x 72.4	2.94 x 2.85	.20	5.0	C75IG2	2	10
MC75X100IG2	74.7 x 97.8	2.94 x 3.85	.20	5.0	C75IG2	2	10
MC100X50IG2	99.6 x 48.0	3.92 x 1.89	.20	5.0	C100IG2	2	10
MC100X62IG2	99.6 x 59.7	3.92 x 2.35	.20	5.0	C100IG2	2	10
MC100X75IG2	99.6 x 72.4	3.92 x 2.85	.20	5.0	C100IG2	2	10
MC100X100IG2	99.6 x 97.8	3.92 x 3.85	.20	5.0	C100IG2	2	10

Available in IG (International Gray) only.
Base and cover sold together.

Features and Benefits – *PANDUCT*® Type FS – Solid Wall Raceway

Available in 27 sizes from .5" x .5" up to 6" x 4" in a variety of colors.





***PANDUCT*® Wire Retainers for Type FS Solid Wall Raceway**
Contain wiring when duct cover is opened. Wire retainers mounts onto walls with pressure sensitive adhesive.
See page C1.26.

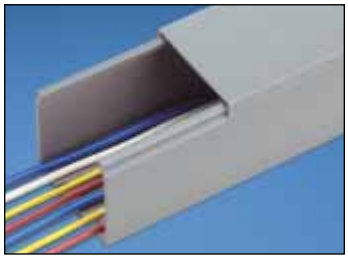
***PANDUCT*® Divider Wall**
Create separate wiring channels within the wiring duct base. Available in solid or slotted wall styles.
See page C1.24.

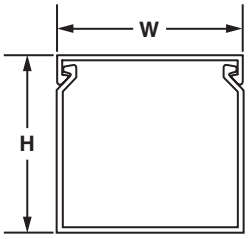
***PANDUCT*® Installation Tools**
Wide selection of hand tools for cutting and installing wiring duct.
See page C1.31.

***PANDUCT*® Nylon Rivets**
Fast, lowest cost mounting method.
See page C1.31.

PANDUCT® Type FS – Solid Wall Raceway

- Solid wall design fully encloses cables providing maximum protection and aesthetics
- Material: Lead-free PVC
- UL Recognized continuous use temperature: 122°F (50°C)
- UL94 Flammability Rating of V-0
- Supplied without mounting holes





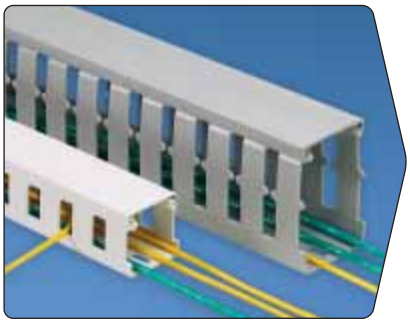
	Base Part Number	Duct Size (W x H) In.	Duct Size (W x H) mm	Cover Part Number	Base & Cover Length (ft)	Std. Pkg. Qty.	Std. Ctn. Qty.
>	FS.5X.5LG6NM	.69 x .60	17.5 x 15.2	C.5LG6	6	6	120
>	FS.5X1LG6NM	.69 x 1.06	17.5 x 26.9	C.5LG6	6	6	120
	FS.75X.75LG6NM	.93 x .82	23.6 x 20.8	C.75LG6	6	6	120
>	FS1X1LG6NM	1.26 x 1.12	32.0 x 28.4	C1LG6	6	6	120
>	FS1X1.5LG6NM	1.26 x 1.62	32.0 x 41.1	C1LG6	6	6	120
	FS1X2LG6NM	1.26 x 2.12	32.0 x 53.8	C1LG6	6	6	120
	FS1X3LG6NM	1.26 x 3.12	32.0 x 79.2	C1LG6	6	6	120
	FS1X4LG6NM	1.26 x 4.10	32.0 x 104.1	C1LG6	6	6	60
>	FS1.5X1LG6NM	1.75 x 1.12	44.5 x 28.4	C1.5LG6	6	6	120
>	FS1.5X1.5LG6NM	1.75 x 1.62	44.5 x 41.1	C1.5LG6	6	6	120
>	FS1.5X2LG6NM	1.75 x 2.12	44.5 x 53.8	C1.5LG6	6	6	120
>	FS1.5X3LG6NM	1.75 x 3.12	44.5 x 79.2	C1.5LG6	6	6	120
>	FS2X1LG6NM	2.25 x 1.12	57.2 x 28.4	C2LG6	6	6	120
	FS2X1.5LG6NM	2.25 x 1.62	57.2 x 41.1	C2LG6	6	6	120
>	FS2X2LG6NM	2.25 x 2.12	57.2 x 53.8	C2LG6	6	6	120
>	FS2X3LG6NM	2.25 x 3.12	57.2 x 79.2	C2LG6	6	6	60
	FS2X4LG6NM	2.25 x 4.10	57.2 x 104.1	C2LG2	6	6	60
>	FS3X1LG6NM	3.25 x 1.12	82.6 x 28.4	C3LG6	6	6	120
>	FS3X2LG6NM	3.25 x 2.12	82.6 x 53.8	C3LG6	6	6	120
>	FS3X3LG6NM	3.25 x 3.12	82.6 x 79.2	C3LG6	6	6	60
	FS3X4LG6NM	3.25 x 4.10	82.6 x 104.1	C3LG6	6	6	60
	FS3X5LG6NM	3.25 x 5.10	82.6 x 129.5	C3LG6	6	6	60
>	FS4X2LG6NM	4.25 x 2.12	108.0 x 53.8	C4LG6	6	6	60
>	FS4X3LG6NM	4.25 x 3.12	108.0 x 79.2	C4LG6	6	6	60
>	FS4X4LG6NM	4.25 x 4.10	108.0 x 104.1	C4LG6	6	6	60
>	FS4X5LG6NM	4.25 x 5.10	108.0 x 129.5	C4LG6	6	6	60
>	FS6X4LG6NM	6.25 x 4.15	158.8 x 105.4	C6LG6	6	6	60

> Indicates parts available with mounting holes. Remove NM from part number.
Part Number shown for LG (Light Gray). For other color availability see Color Selection Guide, page C1.43.
Base and cover sold separately.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

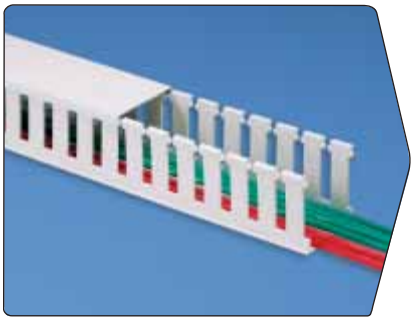
Wiring Duct for Special Environments

Type NNC Halogen Free Metric Wiring Duct



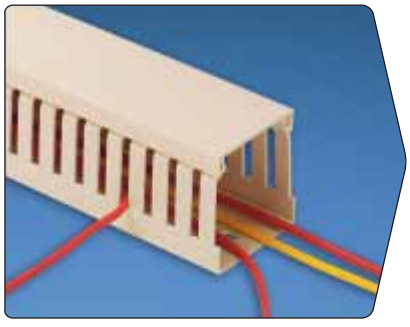
- Halogen free material is nontoxic, lead-free, environmentally safe and will not release toxic or corrosive gases that could endanger public safety or damage sensitive electronic equipment
- UL94V-0

Type NE NORYL* Halogen Free Wiring Duct



- Halogen free material is nontoxic, lead-free, environmentally safe and will not release toxic or corrosive gases that could endanger public safety or damage sensitive electronic equipment
- UL94V-1

Type TMC Low Smoke/Low Toxicity Free Wiring Duct



- Low smoke/low toxicity material emits a low level of toxic fumes and low smoke emissions when burned
- Meets Federal Rail Administration Guidelines and NFPA 130 requirements for all transit vehicles
- UL94V-0

LF
LOW FLAMMABILITY
UL94V-0

The material is self-extinguishing and has excellent flame retardancy UL94V-0.

LS
LOW SMOKE
ASTM E 662

The material does not release dense smoke when burned per ASTM E662 test method.

LT
LOW TOXICITY
BSS-7239
ATS 1000.01

The material does not emit a high volume of toxic gases when burned per Boeing and Airbus test methods.

*NORYL is a registered trademark of General Electric Company.

Environment/Material Specifications	Typical Applications	
LF LOW FLAMMABILITY UL94V-0 LT LOW TOXICITY BSS-7239 ATS 1000.01 HF HALOGEN FREE IEC 60754-2 ET ELEVATED TEMPERATURE	Semiconductor Manufacturing Ship Building Nuclear Power Plants Oil Platforms	pages C1.18 – C1.19

Environment/Material Specifications	Typical Applications	
HF HALOGEN FREE IEC 60754-2 ET ELEVATED TEMPERATURE	Semiconductor Manufacturing Ship Building Nuclear Power Plants Oil Platforms	page C1.22

Environment/Material Specifications	Typical Applications	
LF LOW FLAMMABILITY UL94V-0 LS LOW SMOKE ASTM E 662 LT LOW TOXICITY BSS-7239 ATS 1000.01 ET ELEVATED TEMPERATURE	Passenger Rail Cars Other Transportation Vehicles	pages C1.20 – C1.21

HF HALOGEN FREE IEC 60754-2

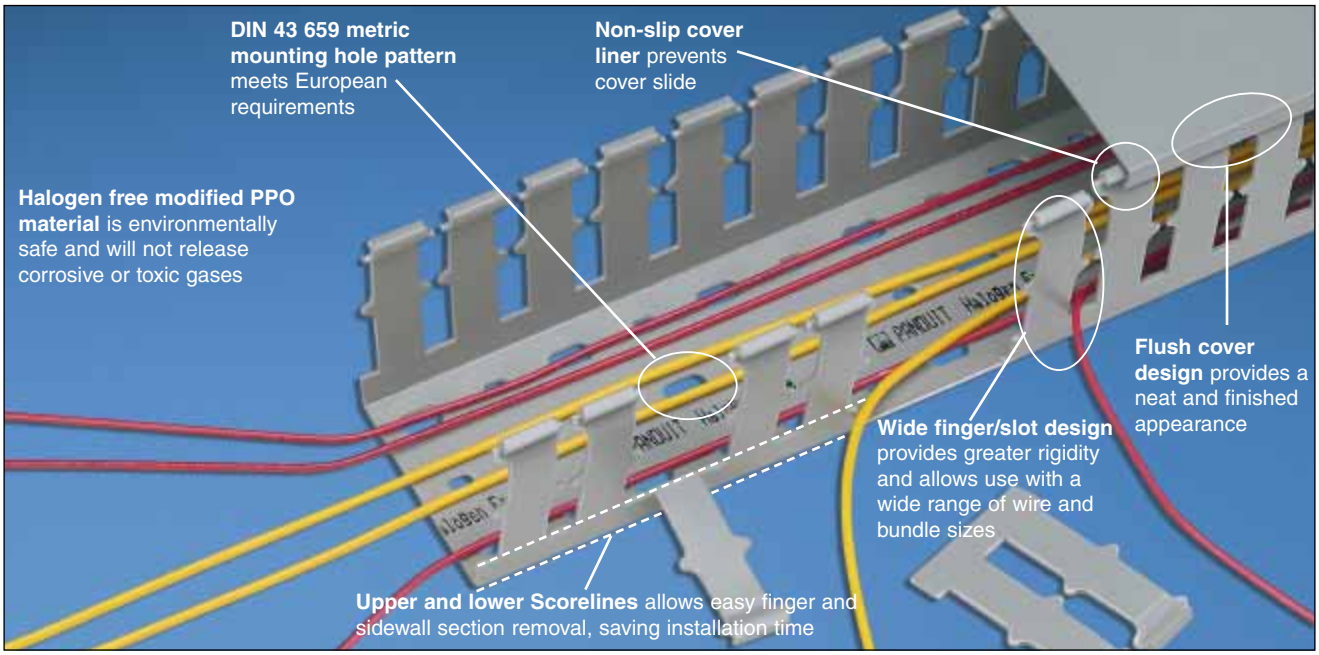
The material contains no fluorine, bromide or chlorine and will not emit any corrosive or toxic gases when burned per IEC 60754-2 test method.

ET ELEVATED TEMPERATURE

Material is rated for a continuous use temperature above 75°C (167°F).

Features and Benefits – *PANDUCT*® Type NNC – Halogen Free Metric Wiring Duct

Available in 14 sizes from 25mm x 25mm up to 100mm x 100mm in Light Gray and White.



***PANDUCT*® Notching Tool**
Notches duct sidewalls to bottom scoreline for tee and corner junctions.
See page C1.31.

***PANDUCT*® Type NNC Halogen Free Solid Divider Wall**
Create separate wiring channels within the wiring duct base.
See page C1.19.

***PANDUCT*® Nylon Rivet Installation Tool**
Installs *PANDUCT* Nylon Rivets quickly and easily.
See page C1.31.

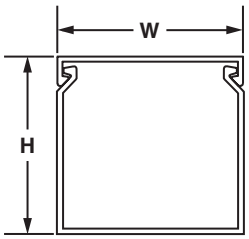
***PANDUCT*® Nylon Rivets**
Fast, lowest cost mounting method.
See page C1.31.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PANDUCT® Type NNC – Halogen Free Metric Wiring Duct

- Material: Halogen free modified PPO material as verified with IEC 60754-2 test method (test on gases evolved during combustion of electric cables)
- UL Recognized continuous use temperature: 203°F (95°C)
- UL94 Flammability Rating of V-0
- Conforms with NFPA 79-2002 section 14.3.1 requirement for flame retardant material
- Provided with DIN 43 659 mounting holes
- Metric sizing and finger progression
- Duct and cover packaged together in 2 meter lengths

LF LOW FLAMMABILITY UL94V-0 | HF HALOGEN FREE IEC 60754-2 | ET ELEVATED TEMPERATURE | LT LOW TOXICITY BSS-7239 ATS 1000.01



Base and Cover Part Number	Duct Size (W x H)		Slot Width		Replacement Cover Part Number	Base & Cover Length (M)	Std. Ctn. Qty. (M)
	mm	In.	In.	mm			
NNC25X25LG2	24.6 x 23.6	.97 x .93	.39	10.0	NC25LG2	2	20
NNC25X37LG2	24.6 x 35.8	.97 x 1.41	.39	10.0	NC25LG2	2	20
NNC25X50LG2	24.6 x 47.8	.97 x 1.88	.39	10.0	NC25LG2	2	20
NNC25X75LG2	24.6 x 72.4	.97 x 2.85	.39	10.0	NC25LG2	2	20
NNC37X37LG2	37.1 x 35.8	1.46 x 1.41	.39	10.0	NC37LG2	2	20
NNC37X50LG2	37.1 x 47.8	1.46 x 1.88	.39	10.0	NC37LG2	2	20
NNC37X75LG2	37.1 x 72.4	1.46 x 2.85	.39	10.0	NC37LG2	2	20
NNC50X50LG2	49.5 x 47.8	1.95 x 1.88	.39	10.0	NC50LG2	2	20
NNC50X75LG2	49.5 x 72.4	1.95 x 2.85	.39	10.0	NC50LG2	2	10
NNC50X100LG2	49.5 x 97.8	1.95 x 3.85	.39	10.0	NC50LG2	2	10
NNC75X75LG2	74.7 x 72.4	2.94 x 2.85	.39	10.0	NC75LG2	2	10
NNC100X50LG2	99.6 x 47.8	3.92 x 1.88	.39	10.0	NC100LG2	2	10
NNC100X75LG2	99.6 x 72.4	3.92 x 2.85	.39	10.0	NC100LG2	2	10
NNC100X100LG2	99.6 x 97.8	3.92 x 3.85	.39	10.0	NC100LG2	2	10

Available in LG (Light Gray) and WH (White).
Do not allow cutting, tapping or cleaning fluids that contain hydrocarbons to come in contact with Type NNC Wiring Duct as it will cause stress cracking. See page C1.44 for a list of chemicals to avoid.
Base and cover sold together.

PANDUCT® Type NNC Halogen Free Solid Divider Wall

- NNC Solid Divider Wall can be mounted inside NNC or NE Wiring Duct to create multiple channels
- Material: Halogen free modified PPO
- Simply install the divider wall base when mounting the duct and snap the divider wall onto mounting base, DB-C

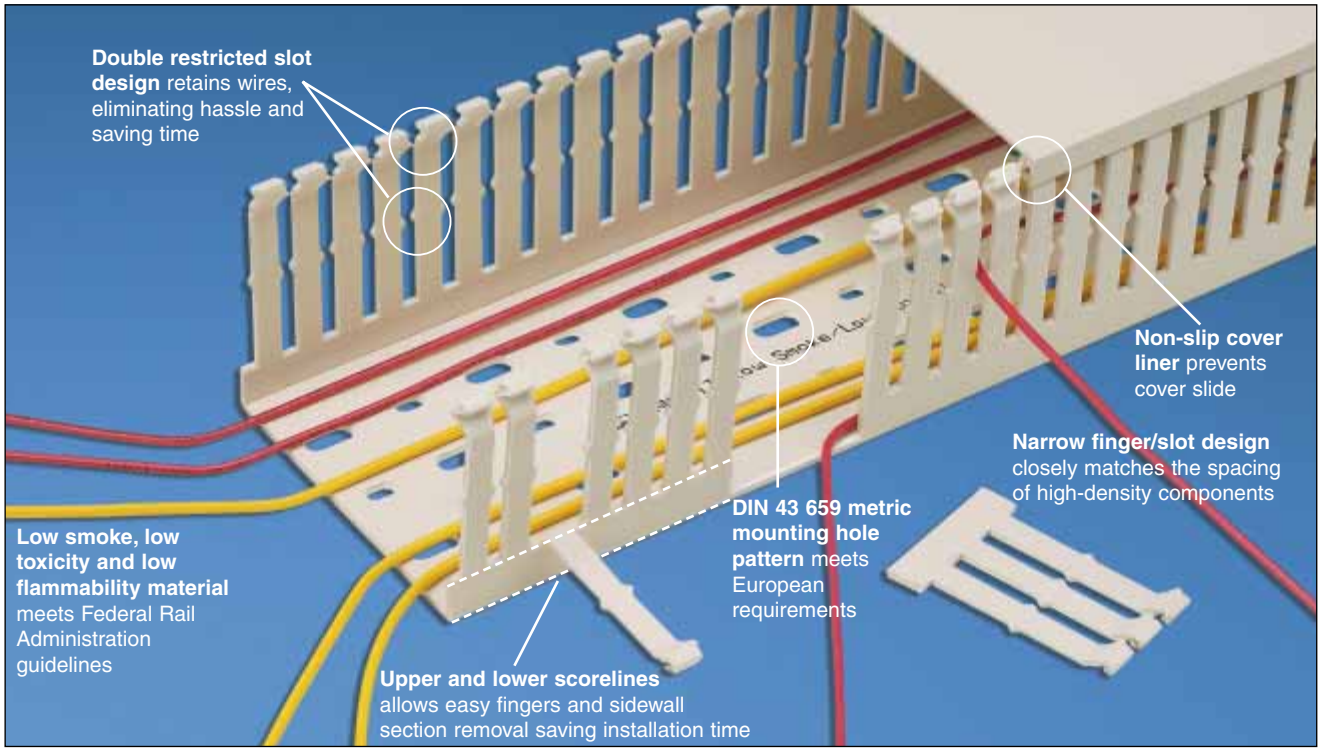
NNC**DWH2

Part Number	For Nominal Duct Height (mm)	Length (M)	Std. Pkg. Qty.	Std. Ctn. Qty.
NNC50DWH2	50	2	2	40
NNC75DWH2	75	2	2	40

Available in WH (White) color only.
NOTE: Must be used with Mounting Base, DB-C (see page C1.24) which is sold separately. Install mounting bases to the duct channel, locate within 2" of each divider wall end and at least every 12" along the length.

Features and Benefits – *PANDUCT*® Type TMC – Low Smoke/Low Toxicity Wiring Duct

Available in seven sizes from 25mm x 37mm up to 100mm x 75mm in Beige color.



***PANDUCT*® Wire Retainers for Type TMC Wiring Duct**
Contain wiring when duct cover is opened. Wire retainers snap easily between duct fingers.
See page C1.27.

***PANDUCT*® Type TMC Low Smoke/ Low Toxicity Solid Divider Wall**
Create separate wiring channels within the wiring duct base.
See page C1.21.

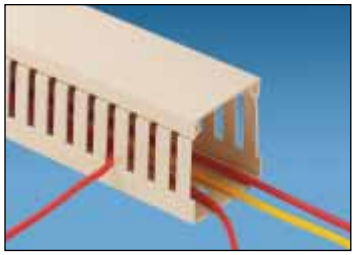
***PANDUCT*® Installation Tools**
Wide selection of hand tools for cutting and installing wiring duct.
See page C1.31.

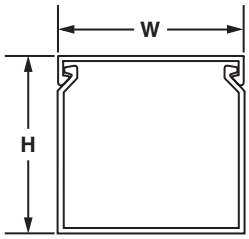
***PANDUCT*® Nylon Rivets**
Fast, lowest cost mounting method.
See page C1.31.

PANDUCT® Type TMC – Low Smoke/Low Toxicity Wiring Duct

- Material: low smoke, low toxicity and low flammability thermoplastic
- UL Recognized continuous use temperature: 176°F (80°C)
- UL94 Flammability Rating of V-0
- Conforms with NFPA 79-2002 section 14.3.1 requirement for flame retardant material
- Provided with DIN 43 659 mounting holes
- Metric sizing and finger progression
- Duct and cover packaged together in 2 meter lengths

LF LOW FLAMMABILITY UL94V-0 | LS LOW SMOKE ASTM E 662 | ET ELEVATED TEMPERATURE | LT LOW TOXICITY BSS-7239 ATS 1000.01





Base & Cover Part Number	Duct Size W x H		Slot Width		Replacement Cover Part Number	Base & Cover Length (M)	Std. Ctn. Qty. (M)
	In.	mm	In.	mm			
TMC25X37BR2	.97 x 1.41	24.6 x 35.8	.20	5.0	TC25BR2	2	20
TMC37X37BR2	1.46 x 1.41	37.1 x 35.8	.20	5.0	TC37BR2	2	20
TMC50X50BR2	1.95 x 1.89	49.5 x 48.0	.20	5.0	TC50BR2	2	20
TMC75X50BR2	2.94 x 1.89	74.7 x 48.0	.20	5.0	TC75BR2	2	20
TMC75X75BR2	2.94 x 2.88	74.7 x 73.2	.20	5.0	TC75BR2	2	10
TMC100X50BR2	3.92 x 1.89	99.6 x 48.0	.20	5.0	TC100BR2	2	10
TMC100X75BR2	3.92 x 2.88	99.6 x 73.2	.20	5.0	TC100BR2	2	10

Available in BR (Natural Beige) color only.
Base and cover sold together.

PANDUCT® Type TMC Low Smoke/Low Toxicity Solid Divider Wall

- TMC Solid Divider Wall can be mounted inside TMC Wiring Duct to create multiple channels
- Material: Low smoke, low toxicity and low flammability thermoplastic
- Simply install the divider wall base when mounting the duct and snap the divider wall onto mounting base, DB-C

TMC**DW2

Part Number	For Nominal Duct Height (mm)	Length (M)	Std. Pkg. Qty.	Std. Ctn. Qty.
TMC50DW2	50	2	2	20
TMC75DW2	75	2	2	20

Available in BR (Natural Beige) color only.
NOTE: Must be used with Mounting Base, DB-C (see page C1.24) which is sold separately. Install mounting bases to the duct channel, locate within 2" of each divider wall end and at least every 12" along the length.

A. System Overview
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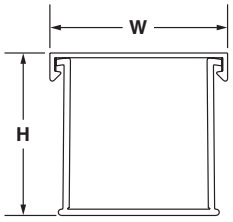
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

PANDUCT® Type NE – NORYL* Halogen Free Wiring Duct

- Material: Halogen free NORYL*
- UL Recognized continuous use temperature: 203°F (95°C)
- UL94 Flammability Rating of V-1
- Provided with mounting holes

HF HALOGEN FREE IEC 60754-2

ET ELEVATED TEMPERATURE



Base Part Number	Duct Size W x H		Slot Width		Cover Part Number	Base & Cover Length (ft)	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm				
NE.5X.5WH6	.63 x .56	16.0 x 14.2	.38	9.7	**NC.5WH6**	6	6	120
NE.5X1WH6	.63 x 1.06	16.0 x 26.9	.31	7.9	**NC.5WH6**	6	6	120
NE1X1WH6	1.14 x 1.06	29.0 x 26.9	.31	7.9	**NC1WH6**	6	6	120
NE1X1.5WH6	1.14 x 1.62	29.0 x 41.1	.31	7.9	**NC1WH6**	6	6	120
NE1X2WH6	1.14 x 2.06	29.0 x 52.3	.31	7.9	**NC1WH6**	6	6	120
NE1X3WH6	1.14 x 3.06	29.0 x 77.7	.31	7.9	**NC1WH6**	6	6	120
NE1X4WH6	1.14 x 4.06	29.0 x 103.1	.31	7.9	**NC1WH6**	6	6	60
NE1.5X1.5WH6	1.64 x 1.62	41.7 x 41.1	.31	7.9	**NC1.5WH6**	6	6	120
NE1.5X2WH6	1.64 x 2.06	41.7 x 52.3	.31	7.9	**NC1.5WH6**	6	6	120
NE1.5X3WH6	1.64 x 3.06	41.7 x 77.7	.31	7.9	**NC1.5WH6**	6	6	120
NE1.5X4WH6	1.64 x 4.06	41.7 x 103.1	.31	7.9	**NC1.5WH6**	6	6	60
NE2X1WH6	2.14 x 1.06	54.4 x 26.9	.31	7.9	**NC2WH6**	6	6	120
NE2X2WH6	2.14 x 2.06	54.4 x 52.3	.31	7.9	**NC2WH6**	6	6	120
NE2X3WH6	2.14 x 3.06	54.4 x 77.7	.31	7.9	**NC2WH6**	6	6	60
NE2X4WH6	2.14 x 4.06	54.4 x 103.1	.31	7.9	**NC2WH6**	6	6	60
NE2.5X3WH6	2.64 x 3.06	67.1 x 77.7	.31	7.9	**NC2.5WH6**	6	6	120
NE3X1WH6	3.14 x 1.06	79.8 x 26.9	.31	7.9	**NC3WH6**	6	6	120
NE3X2WH6	3.14 x 2.06	79.8 x 52.3	.31	7.9	**NC3WH6**	6	6	120
NE3X3WH6	3.14 x 3.06	79.8 x 77.7	.31	7.9	**NC3WH6**	6	6	60
NE3X4WH6	3.14 x 4.06	79.8 x 103.1	.31	7.9	**NC3WH6**	6	6	60
NE3X5WH6	3.14 x 5.06	79.8 x 128.5	.38	9.7	**NC3WH6**	6	6	60
NE4X2WH6	4.14 x 2.06	105.2 x 52.3	.31	7.9	**NC4WH6**	6	6	60
NE4X3WH6	4.14 x 3.06	105.2 x 77.7	.31	7.9	**NC4WH6**	6	6	60
NE4X4WH6	4.14 x 4.06	105.2 x 103.1	.31	7.9	**NC4WH6**	6	6	60
NE4X5WH6	4.14 x 5.06	105.2 x 128.5	.38	9.7	**NC4WH6**	6	6	60

Available in WH (White) only.
Do not allow cutting, tapping or cleaning fluids that contain hydrocarbons to come in contact with Type NE Wiring Duct as it will cause stress cracking. See page C1.44 for list of chemicals to avoid.
Base and cover sold separately.

*NORYL is a registered trademark of General Electric Company.

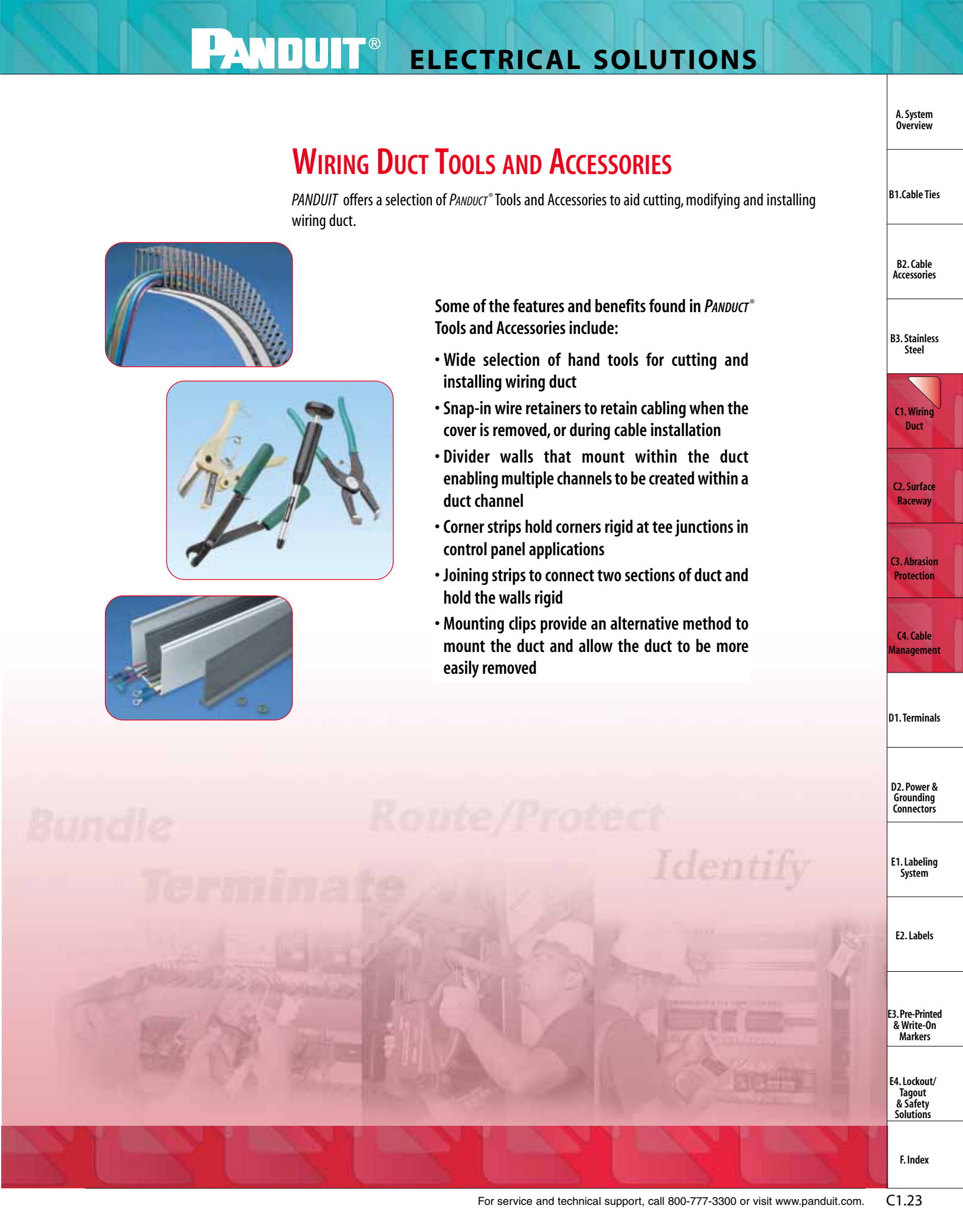
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

WIRING DUCT TOOLS AND ACCESSORIES

PANDUIT offers a selection of *PANDUCT*® Tools and Accessories to aid cutting, modifying and installing wiring duct.

Some of the features and benefits found in *PANDUCT*® Tools and Accessories include:

- **Wide selection of hand tools for cutting and installing wiring duct**
- **Snap-in wire retainers to retain cabling when the cover is removed, or during cable installation**
- **Divider walls that mount within the duct enabling multiple channels to be created within a duct channel**
- **Corner strips hold corners rigid at tee junctions in control panel applications**
- **Joining strips to connect two sections of duct and hold the walls rigid**
- **Mounting clips provide an alternative method to mount the duct and allow the duct to be more easily removed**



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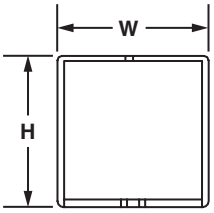
F. Index

PANDUCT® Type FL – Flexible Wiring Duct

- Material: Flexible Polypropylene
- UL Recognized continuous use temperature: 149°F (65°C)
- UL94 Flammability Rating of V-2
- Factory applied adhesive tape provided for easy mounting



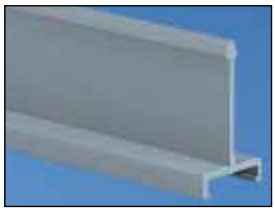
Part Number	Duct Size (W x H)		Length		Std. Pkg. Qty.
	In.	mm	In.	mm	
FL12X12LG-A	.49 x .49	12.5 x 12.5	19.7	500	112
FL25X25LG-A	.98 x .98	25.0 x 25.0	19.7	500	70
FL50X50LG-A	1.97 x 1.97	50.0 x 50.0	19.7	500	32

Available in LG (RAL 7040 Light Gray) color only.

PANDUCT® Divider Wall

- Wiring duct divider wall can be mounted inside any type of *PANDUIT* PVC wiring duct to create multiple channels
- Simply install the divider wall base when mounting the duct and snap the divider wall onto the mounting base
- All versions snap onto DB-C mounting base
- Divider wall heights 2" and greater have a scoreline feature allowing sections to be removed leaving a smooth edge
- Meets UL508/508A insulation material requirement for barrier between conductors
- UL94 Flammability Rating of V-0
- Material: Lead-free PVC

DB-C



D*H6 and D*H2

SD*H6

Part Number	Used with Anchors	Std. Pkg. Qty.	Std. Ctn. Qty.
***PANDUCT*® Divider Wall Mounting Base**			
DB-C	*PANDUIT* NR1 or #8 or #10 screw	100	1000

Part Number	For Nominal Duct Height		Length (ft.)	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm			
***PANDUCT*® Solid Divider Wall**					
D1H6	1.00	25	6	6	120
D1.5H6	1.50	37	6	6	120
D2H6	2.00	50	6	6	120
D3H6	3.00	75	6	6	120
D4H6	4.00	100	6	6	120
***PANDUCT*® Metric Solid Divider Wall**					
D50H2	2.00	50	2	2	40
D75H2	3.00	75	2	2	40
D100H2	4.00	100	2	2	40
***PANDUCT*® Slotted Divider Wall**					
SD2H6	2.00	50	6	6	120
SD3H6	3.00	75	6	6	120
SD4H6	4.00	100	6	6	120

Metric Divider Wall available in IG (International Gray) color only.

NOTE: Must be used with Mounting Base, DB-C (see page C1.24) which is sold separately. Install mounting bases to the duct channel, locate within 2" of each divider wall end and at least every 12" along the length.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PANDUCT® Type NNC Halogen Free Solid Divider Wall

- NNC Solid Divider Wall can be mounted inside NNC or NE Wiring Duct to create multiple channels
- Material: Halogen free modified PPO
- Simply install the divider wall base when mounting the duct and snap the divider wall onto mounting base, DB-C

NNC**DWH2

Part Number	For Nominal Duct Height (mm)	Length (M)	Std. Pkg. Qty.	Std. Ctn. Qty.
NNC50DWH2	50	2	2	40
NNC75DWH2	75	2	2	40

Available in WH (White) color only.

NOTE: Must be used with Mounting Base, DB-C (see page C1.24) which is sold separately. Install mounting bases to the duct channel, locate within 2" of each divider wall end and at least every 12" along the length.

PANDUCT® Type TMC Low Smoke/Low Toxicity Solid Divider Wall

- TMC Solid Divider Wall can be mounted inside TMC Wiring Duct to create multiple channels
- Material: Low smoke, low toxicity and low flammability thermoplastic
- Simply install the divider wall base when mounting the duct and snap the divider wall onto mounting base, DB-C

TMC**DW2

Part Number	For Nominal Duct Height (mm)	Length (M)	Std. Pkg. Qty.	Std. Ctn. Qty.
TMC50DW2	50	2	2	20
TMC75DW2	75	2	2	20

Available in BR (Natural Beige) color only.

NOTE: Must be used with Mounting Base, DB-C (see page C1.43) which is sold separately. Install mounting bases to the duct channel, locate within 2" of each divider wall end and at least every 12" along the length.

PANDUCT® Type G & H Wiring Duct Wire Retainers

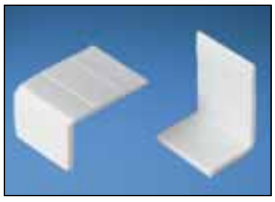
- Inserts between fingers of Type G Duct and Type H Duct to contain wiring when cover is removed
- Adjustable height
- Material: ABS

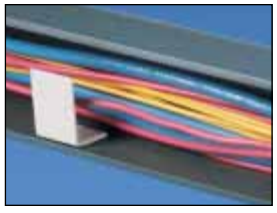
Part Number	For Duct Width In. (mm)	For Duct Height In. (mm)	Std. Pkg. Qty.	Std. Ctn. Qty.
* **WR2-C**	2.00 (50.8)	2.00 – 4.00 (50.8 – 101.6)	100	1000
WR3-C	3.00 (76.2)	2.00 – 4.00 (50.8 – 101.6)	100	1000
WR4-C	4.00 (101.6)	2.00 – 4.00 (50.8 – 101.6)	100	1000
WR5-C	Use with: 3 x 5, 4 x 5 or 6 x 4	Use with: 3 x 5, 4 x 5 or 6 x 4	100	1000

*For 2" width Type H Hinged Cover Wiring Duct use Part No. WR2H-C.

PANDUCT® Solid Wall Raceway Type FS & Type D Wiring Duct Wire Retainer

- Mounts onto walls of Type FS Raceway or Type D Duct with pressure sensitive adhesive
- One size fits three different duct widths
- Material: Lead-free PVC





Part Number	For Duct Width In. (mm)	Std. Pkg. Qty.	Std. Ctn. Qty.
WRS-A-C10	1.00 (25.4) 1.50 (38.1) 2.00 (50.8)	100	1000

Full length is used with 2" wide duct. For smaller widths, break off segments at scorelines.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

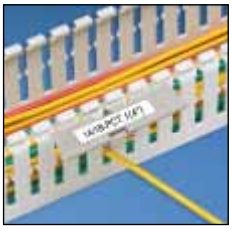
PANDUCT® Type F, MC & TMC Duct Wire Retainers/Labeling Device

- Used to contain wiring when cover is removed and can also be used as a labeling device
- FWR-C works with all Type F Duct sizes
- FMWR-C works with all Type MC and TMC sizes
- Material: Lead-free PVC

Part Number	Material	For Duct Width		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm		
FWR-C	Rigid PVC	1.50 – 4.00	—	100	1000
FMWR-C	Rigid PVC	—	37 – 100	100	1000

Full length for use with 4" wide duct. For smaller widths, break off segments at scorelines.

Labeling Inside Duct – Snaps onto duct fingers. Full length for use with 4" wide duct. For smaller widths, break off segments at scorelines.



Labeling Outside Duct – Break off the last segment from wire retainer below (1.5 mark) and snap onto the back of the remaining segment. Install label and mount between fingers facing outward.

PANDUCT® Duct Corner Strip with 1" Bend Radius Control

- Creates a strong rigid corner at wiring duct junctions
- Provides bend radius protection for cabling as required in NFPA 79-2002 section 14.1.4.9 and TIA/EIA-568-B and 569-A
- Available in five pre-cut sizes and 6' lengths that can be cut-to-size to meet any size requirement
- Easy to install two-piece design
- Compatible with all styles of *PANDUIT* Wiring Duct
- UL94 Flammability Rating of V-0
- Material: Lead-free PVC

CSPC*LG-Q

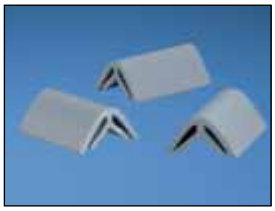
Part Number	Part Description	For Duct Height		Color	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm			
6 Foot Lengths for use with all Types of PVC Wiring Duct						
CSC1LG6	Cut-to-size 6 foot corner strip with a 1" bend radius.	All sizes (Cut to duct height)	All sizes (Cut to duct height)	Light Gray	6	120
CSC1WH6				White	6	120
CSC1BL6				Black	6	120
Pre-Cut Pieces for use with all Types of PVC Wiring Duct						
CSPC1LG-Q	1" bend radius corner strip pre-cut for 1" wall height.	1.00	25.4	Light Gray	25	250
CSPC1.5LG-Q	1" bend radius corner strip pre-cut for 1.5" wall height (2.0" Type H Duct).	1.50	38.1	Light Gray	25	250
CSPC2LG-Q	1" bend radius corner strip pre-cut for 2" wall height.	2.00	50.8	Light Gray	25	250
CSPC3LG-Q	1" bend radius corner strip pre-cut for 3" wall height.	3.00	76.2	Light Gray	25	250
CSPC4LG-Q	1" bend radius corner strip pre-cut for 4" wall height (4.0" Type H Duct).	4.00	101.6	Light Gray	25	250

CSPC available in Light Gray color only.
Order number of feet required, in multiples of 6' or Standard Package Quantity.

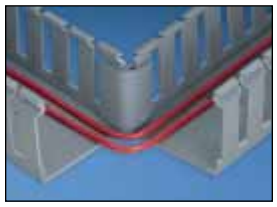
PANDUCT® Duct Corner Strips

- Slides onto duct at corner or tee junctions for smooth, round corners
- Available in five pre-cut sizes and six-foot lengths that can be cut to meet any size requirement
- Easy to install one-piece design
- Compatible with all styles of *PANDUIT* Wiring Duct
- UL94 Flammability Rating of V-0
- Material: Lead-free PVC

CS1LG6



CSP*LG-Q



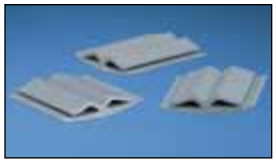
Part Number	Part Description	For Duct Height In.	For Duct Height mm	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
6 Foot Lengths for use with all Types of PVC Wiring Duct						
CS1LG6	6 foot length is cut by user to fit duct height.	Cut to size	Cut to size	Light Gray	6	120
Pre-Cut Pieces for use with all Types of PVC Wiring Duct						
CSP1LG-Q	Pre-cut pieces.	1.00	25.4	Light Gray	25	250
CSP1.5LG-Q				Light Gray	25	250
CSP2LG-Q				Light Gray	25	250
CSP3LG-Q		3.00	76.2	Light Gray	25	250
CSP4LG-Q		4.00	101.6	Light Gray	25	25

Available in LG (Light Gray) only.

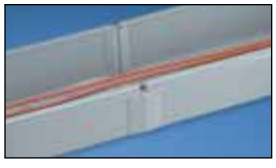
PANDUCT® Duct Joining Strips

- Slides onto duct to join sections together
- Available in four pre-cut sizes and six-foot lengths that can be cut to meet any size requirement
- Easy to install one-piece design
- Compatible with all styles of *PANDUIT* Wiring Duct
- UL94 Flammability Rating of V-0
- Material: Lead-free PVC

DJS1**6



DJSP*LG-Q



Part Number	Part Description	For Duct Height In.	For Duct Height mm	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
6 Foot Lengths for use with all Types of PVC Wiring Duct						
DJS1LG6	6 foot length is cut by user to fit duct height.	Cut to size	Cut to size	Light Gray	6	120
DJS1WH6				White		
Pre-Cut Pieces for use with all Types of PVC Wiring Duct						
DJSP1.5LG-Q	Pre-cut pieces.	1.50	38.1	Light Gray	25	250
DJSP2LG-Q		2.00	50.8	Light Gray	25	250
DJSP3LG-Q		3.00	76.2	Light Gray	25	250
DJSP4LG-Q		4.00	101.6	Light Gray	25	250

Pre-cut pieces available in LG (Light Gray) only.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PANDUCT® Snap-Clip Mounting Bracket – Type G, F, FS, D, MC, NNC & TMC Wiring Duct

- Duct easily snaps into bracket
- No mounting holes required in duct
- Ensures no metal is inside the duct
- Snap-clip spacing is not critical
- Simplifies fabrication drawings and panel layout
- Material: Spring steel

Part Number	Screw Required	For Duct Width In.	For Duct Width mm	Std. Pkg. Qty.	Std. Ctn. Qty.
Snap-Clip Mounting Bracket for use with Types G, F, FS and D Wiring Duct					
S1F-C	#8-32 x 1/4 (Provided)	1.00	25.4	100	1000
S1.5F-C	#8-32 x 1/4 (Provided)	1.50	38.1	100	1000
S2F-C	#8-32 x 1/4 (Provided)	2.00	50.8	100	1000
S3F-C	#8-32 x 1/4 (Provided)	3.00	76.2	100	1000
S4F-C	#8-32 x 1/4 (Provided)	4.00	101.6	100	1000
Snap-Clip Mounting Bracket for use with Types MC, NNC and TMC Wiring Duct					
SNS25F-C	#8-32 x 1/4 (User Supplied)	1.00	25	100	1000
SNS37F-C	#8-32 x 1/4 (User Supplied)	1.50	37	100	1000
SNS50F-C	#8-32 x 1/4 (User Supplied)	2.00	50	100	1000
SNS62F-C	#8-32 x 1/4 (User Supplied)	2.50	62	100	1000
SNS75F-C	#8-32 x 1/4 (User Supplied)	3.00	75	100	1000

PANDUCT® Snap-Clip Mounting Bracket – Type NE Wiring Duct

- Duct easily snaps into bracket
- Ensures no metal is inside the duct
- Snap-clip spacing is not critical
- Simplifies fabrication drawings and panel layout
- Material: Spring steel

Part Number	Screw Required	For Duct Width In.	For Duct Width mm	Std. Pkg. Qty.	Std. Ctn. Qty.
SNS.5-C	#6-32 x 1/4 (User Supplied)	.50	12.7	100	1000
SNS1-C	#8-32 x 1/4 (User Supplied)	1.00	25.4	100	1000
SNS1.5-C	#8-32 x 1/4 (User Supplied)	1.50	38.1	100	1000
SNS2-C	#8-32 x 1/4 (User Supplied)	2.00	50.8	100	1000
SNS3-C	#8-32 x 1/4 (User Supplied)	3.00	76.2	100	1000

Adhesive Tape for Wiring Duct

- Recommended installation temperature is 70°F (21°C)
- UL Recognized service temperature is 32°F (0°C) to 140°F (60°C)
- Optimum recommended dwell time for acrylic adhesive is 8 hours
- Recommended tape load is 1/2 lb. per square inch of tape area

As a Permanent Mounting Method:

- Eliminates the drilling and tapping of holes, labor and time required to install separate mounting devices

As a Temporary Mounting Method:

- Holds duct in place to free installer's hands to further secure duct with screws, rivets, etc

Duct Size W x H	Tape Part Number	Roll Length Yds.	Roll Length M	Std. Pkg. Qty.	Std. Ctn. Qty.
.5 x .5 thru 1.5 x 4	**P32W2A2-50-7**	7.0	6.4	1	100
	P32W2A2-50-72	72.0	65.5	1	9
2 x 1 thru 3 x 3	**P32W2A2-50-7**	7.0	6.4	1	100
	P32W2A2-50-72	72.0	65.5	1	9
3 x 4 thru 3 x 5	**P32W2A2-75-7**	7.0	6.4	1	60
	P32W2A2-75-72	72.0	65.5	1	7
4 x 1.5 thru 4 x 3	**P32W2A2-50-7**	7.0	6.4	1	100
	P32W2A2-75-72	72.0	65.5	1	9
4 x 4 thru 6 x 4	**P32W2A2-75-7**	7.0	6.4	1	60
	P32W2A2-75-72	72.0	65.5	1	7

Order number of rolls required in multiples of Standard Package Quantity.

Adhesive Tape Guide

Selection of Wiring Duct Part Numbers
Available with Factory Applied Adhesive Tape

G Duct Light Gray	G Duct White	G Duct Black	F Duct Light Gray	NE Duct White
G.5X.5LG6-A	G.5X.5WH6-A	—	F.5X.5LG6-A	—
G.5X1LG6-A	G.5X1WH6-A	—	F.5X1LG6-A	—
G.75X.75LG6-A	—	—	F.75X.75LG6-A	—
G.75X1LG6-A	G.75X1WH6-A	—	—	—
G.75X1.5LG6-A	G.75X1.5WH6-A	—	F.75X1.5LG6-A	—
G.75X2LG6-A	G.75X2WH6-A	—	—	—
G1X1LG6-A	G1X1WH6-A	—	F1X1LG6-A	—
G1X1.5LG6-A	G1X1.5WH6-A	—	F1X1.5LG6-A	—
G1X2LG6-A	G1X2WH6-A	—	F1X2LG6-A	NE1X2WH6-A
G1X3LG6-A	G1X3WH6-A	G1X3BL6-A	F1X3LG6-A	—
G1X4LG6-A	G1X4WH6-A	—	F1X4LG6-A	—
G1.5X1LG6-A	G1.5X1WH6-A	—	F1.5X1LG6-A	—
G1.5X1.5LG6-A	G1.5X1.5WH-A	—	F1.5X1.5LG6-A	—
G1.5X2LG6-A	G1.5X2WH6-A	—	F1.5X2LG6-A	NE1.5X2WH6-A
G1.5X3LG6-A	G1.5X3WH6-A	—	F1.5X3LG6-A	—
G1.5X4LG6-A	G1.5X4WH6-A	—	F1.5X4LG6-A	—
G2X1LG6-A	G2X1WH6-A	—	F2X1LG6-A	—
G2X1.5LG6-A	G2X1.5WH6-A	—	F2X1.5LG6-A	—
G2X2LG6-A	G2X2WH6-A	G2X2BL6-A	F2X2LG6-A	NE2X2WH6-A
G2X3LG6-A	G2X3WH6-A	—	F2X3LG6-A	—
G2X4LG6-A	G2X4WH6-A	G2X4BL6-A	F2X4LG6-A	—
G2X5LG6-A	G2X5WH6-A	—	F2X5LG6-A	—
G2.5X3LG6-A	G2.5X3WH6-A	—	—	—
G3X1LG6-A	G3X1WH6-A	—	F3X1LG6-A	—
G3X2LG6-A	G3X2WH6-A	—	F3X2LG6-A	—
G3X3LG6-A	G3X3WH6-A	G3X3BL6-A	F3X3LG6-A	—
G3X4LG6-A	G3X4WH6-A	—	F3X4LG6-A	—
G3X5LG6-A	G3X5WH6-A	—	F3X5LG6-A	—
G4X1.5LG6-A	G4X1.5WH6-A	—	—	—
G4X2LG6-A	G4X2WH6-A	—	F4X2LG6-A	NE4X2WH6-A
G4X3LG6-A	G4X3WH6-A	—	F4X3LG6-A	NE4X3WH6-A
G4X4LG6-A	G4X4WH6-A	G4X4BL6-A	F4X4LG6-A	NE4X4WH6-A
G4X5LG6-A	G4X5WH6-A	—	F4X5LG6-A	—

All three sizes of Flexible Duct come provided with adhesive: FL12X12LG-A, FL25X25LG-A, FL50X50LG-A

Specifications for Factory Applied Tape

Duct Size WxH	Rows of Tape	Tape			
		Width		Thickness	
		In.	mm	In.	mm
.5 x .5 through 1.5 x 4	1	.50	12.7	.03	.8
2 x 1 through 3 x 3	2	.50	12.7	.03	.8
3 x 4 through 3 x 5	2	.75	19.1	.03	.8
4 x 1.5 through 4 x 3	2	.50	12.7	.03	.8
4 x 4 through 6 x 4	2	.75	19.1	.03	.8

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Installation Tools

- DCT easily cuts any *PANDUCT*® Wiring Duct and Cover
- DNT-100 notches duct sidewalls to bottom scoreline for tees and corner junctions
- TNR installs or removes *PANDUIT* Nylon Rivets, NR1-C and NR1-M, quickly and easily
- DFCT easily removes duct fingers in tight places

DCT

DNT-100

TNR

DFCT

NR1-C and NR1-M

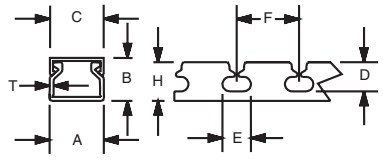
Part Number	Part Description	Std. Pkg. Qty
Duct Cutting Tool (For use with all duct/raceway types)		
DCT	Hand held duct cutting tool.	1
Replacement Blade Kit (Includes blade and nylon insert)		
DCT-BLD	Replacement blade kit with blade and nylon insert.	1
Replacement Nylon Insert		
DCT-RI	Replacement nylon insert.	5
Duct Notching Tool (For use with all slotted duct types)		
DNT-100	Hand held sidewall notching tool.	1
Nylon Rivet Installation Tool		
TNR	Hand held nylon rivet installation tool.	1
Duct Finger Cutting Tool (For use with all wide slotted duct types)		
DFCT	Hand held duct finger cutting tool.	1
Nylon Rivets		
NR1-C	Nylon rivet for use with TNR rivet tool.	100
NR1-M	Nylon rivet for use with TNR rivet tool.	1000

Total Thickness of Panel and Duct		Panel Hole Dia. Needed		ANSI Standard Drill Bit
In.	mm	In.	mm	
.158 – .187	4.0 – 4.7	.187	4.7	#15
.188 – .218	4.8 – 5.5	.193	4.9	#11
.219 – .250	5.6 – 6.4	.203	5.2	#7
.251 and up	6.5 and up	.213	5.4	#4

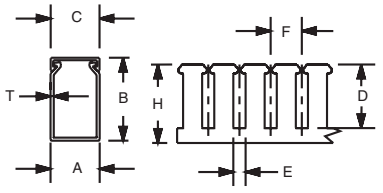
PANDUCT® Type G & D Wiring Duct Dimensions

Dimensions are shown for reference only. Contact customer service at 800-777-3300 for specific dimensional needs.

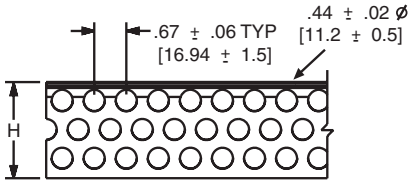
For .5" high duct.



For .75", 1", 1.5", 2", 3", 4" and 5" high duct.

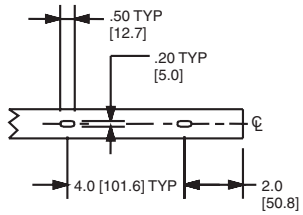


Note: 'A' dimension is measured at base.
Note: 'K' dimension shown in mounting hole dimensions below.

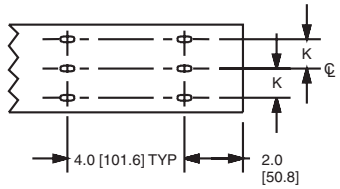


For 2" duct height = 3 rows of holes
3" duct height = 4 rows of holes
4" duct height = 6 rows of holes

Mounting Hole Dimensions
For .5", .75", 1", and 1.5" wide duct.



For 2.0", 2.5", 3", 4" and 6" wide duct.



	DUCT SIZE (W x H)	DIMENSIONS – Inches (mm)								
		A	B	C	D	E	F	H	K	T
>	.5 x .5 (12.7) x (12.7)	.69 (17.5)	.60 (15.2)	.69 (17.5)	.38 (9.5)	.37 (9.3)	.80 (20.3)	.50 (12.7)	ON CENTERLINE	.05 (1.3)
>	.5 x 1 (12.7) x (25.4)	.69 (17.5)	1.06 (26.9)	.69 (17.5)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.05 (1.3)
>	.5 x 2 (12.7) x (50.8)	.69 (17.5)	2.03 (51.6)	.69 (17.5)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	2.00 (50.8)		.08 (2.0)
>	.5 x 4 (12.7) x (101.6)	.69 (17.5)	4.10 (104.1)	.69 (17.5)	2.25 (57.2)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)		.10 (2.4)
>	.75 x .75 (19.1) x (19.1)	.93 (23.6)	.82 (20.8)	.94 (23.9)	.56 (14.3)	.31 (7.9)	.80 (20.3)	0.75 (19.1)		.06 (1.4)
>	.75 x 1 (19.1) x (25.4)	.93 (23.6)	1.06 26.9	.94 (23.9)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.06 (1.4)
>	.75 x 1.5 (19.1) x (38.1)	.93 (23.6)	1.57 (39.9)	.94 (23.9)	1.20 (30.5)	.31 (7.9)	.80 (20.3)	1.50 (38.1)		.07 (1.8)
>	.75 x 2 (19.1) x (50.8)	.93 (23.6)	2.03 (51.6)	.94 (23.9)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	2.00 (50.8)		.08 (2.0)
>	1 x 1 (25.4) x (25.4)	1.26 (32.0)	1.12 (28.4)	1.25 (31.8)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.06 (1.4)
>	1 x 1.5 (25.4) x (38.1)	1.26 (32.0)	1.62 (41.1)	1.25 (31.8)	1.20 (30.5)	.31 (7.9)	.80 (20.3)	1.50 (38.1)		.07 (1.8)
>	1 x 2 (25.4) x (50.8)	1.26 (32.0)	2.12 (53.8)	1.25 (31.8)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	2.00 (50.8)		.08 (2.0)
>	1 x 3 (25.4) x (76.2)	1.26 (32.0)	3.12 (79.2)	1.25 (31.8)	2.63 (66.7)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)		.10 (2.4)
>	1 x 4 (25.4) x (101.6)	1.26 (32.0)	4.10 (104.1)	1.25 (31.8)	3.63 (92.1)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)		.11 (2.7)
>	1.5 x 1 (38.1) x (25.4)	1.75 (44.5)	1.12 (28.4)	1.75 (44.5)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)		.06 (1.5)
>	1.5 x 1.5 (38.1) x (38.1)	1.75 (44.5)	1.62 (41.1)	1.75 (44.5)	1.20 (30.5)	.31 (7.9)	.80 (20.3)	1.50 (38.1)		.07 (1.8)
>	1.5 x 2 (38.1) x (50.8)	1.75 (44.5)	2.12 (53.8)	1.75 (44.5)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	2.00 (50.8)		.08 (2.0)
>	1.5 x 3 (38.1) x (76.2)	1.75 (44.5)	3.12 (79.2)	1.75 (44.5)	2.63 (66.7)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)		.10 (2.4)
>	1.5 x 4 (38.1) x (101.6)	1.75 (44.5)	4.10 (104.1)	1.75 (44.5)	3.63 (92.1)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)		.11 (2.7)
>	2 x 1 (50.8) x (25.4)	2.25 (57.2)	1.12 (28.4)	2.25 (57.2)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)	.50 (12.7)	.06 (1.5)
>	2 x 1.5 (50.8) x (38.1)	2.25 (57.2)	1.62 (41.1)	2.25 (57.2)	1.20 (30.5)	.31 (7.9)	.80 (20.3)	1.50 (38.1)	.50 (12.7)	.07 (1.8)
>	2 x 2 (50.8) x (50.8)	2.25 (57.2)	2.12 (53.8)	2.25 (57.2)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	2.00 (50.8)	.50 (12.7)	.08 (2.0)
>	2 x 3 (50.8) x (76.2)	2.25 (57.2)	3.12 (79.2)	2.25 (57.2)	2.63 (66.7)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)	.50 (12.7)	.10 (2.4)
>	2 x 4 (50.8) x (101.6)	2.25 (57.2)	4.10 (104.1)	2.25 (57.2)	3.63 (92.1)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)	.50 (12.7)	.11 (2.7)
>	2 x 5 (50.8) x (127.0)	2.25 (57.2)	5.10 (129.5)	2.25 (57.2)	4.63 (117.5)	.38 (9.5)	1.33 (33.9)	5.00 (127.0)	.50 (12.7)	.12 (2.9)
>	2.5 x 3 (63.5) x (76.2)	2.75 (69.9)	3.12 (79.2)	2.75 (69.9)	2.63 (66.7)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)	.73 (18.4)	.10 (2.5)
>	3 x 1 (76.2) x (25.4)	3.25 (82.6)	1.12 (28.4)	3.25 (82.6)	.75 (19.1)	.31 (7.9)	.80 (20.3)	1.00 (25.4)	1.00 (25.4)	.07 (1.8)
>	3 x 2 (76.2) x (50.8)	3.25 (82.6)	2.12 (53.8)	3.25 (82.6)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	2.00 (50.8)	1.00 (25.4)	.08 (2.0)
>	3 x 3 (76.2) x (76.2)	3.25 (82.6)	3.12 (79.2)	3.25 (82.6)	2.63 (66.7)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)	1.00 (25.4)	.10 (2.4)
>	3 x 4 (76.2) x (101.6)	3.25 (82.6)	4.10 (104.1)	3.25 (82.6)	3.63 (92.1)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)	1.00 (25.4)	.11 (2.7)
>	3 x 5 (76.2) x (127.0)	3.25 (82.6)	5.10 (129.5)	3.25 (82.6)	4.63 (117.5)	.38 (9.5)	1.33 (33.9)	5.00 (127.0)	1.00 (25.4)	.12 (2.9)
>	4 x 1.5 (101.6) x (38.1)	4.25 (108.0)	1.62 (41.1)	4.25 (108.0)	1.20 (30.5)	.31 (7.9)	.80 (20.3)	1.50 (38.1)	1.50 (38.1)	.07 (1.8)
>	4 x 2 (101.6) x (50.8)	4.25 (108.0)	2.12 (53.8)	4.25 (108.0)	1.63 (41.3)	.31 (7.9)	.80 (20.3)	2.00 (50.8)	1.50 (38.1)	.08 (2.0)
>	4 x 3 (101.6) x (76.2)	4.25 (108.0)	3.12 (79.2)	4.25 (108.0)	2.63 (66.7)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)	1.50 (38.1)	.10 (2.5)
>	4 x 4 (101.6) x (101.6)	4.25 (108.0)	4.10 (104.1)	4.25 (108.0)	3.63 (92.1)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)	1.50 (38.1)	.11 (2.7)
>	4 x 5 (101.6) x (127.0)	4.25 (108.0)	5.10 (129.5)	4.25 (108.0)	4.63 (117.5)	.38 (9.5)	1.33 (33.9)	5.00 (127.0)	1.50 (38.1)	.12 (2.9)
>	6 x 4 (152.4) x (101.6)	6.25 (158.8)	4.15 (105.4)	6.25 (158.8)	3.63 (92.1)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)	2.50 (63.5)	.11 (2.8)

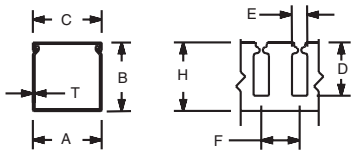
> Available for Type G Wiring Duct only.

See page C1.43 for wiring duct color and size availability.

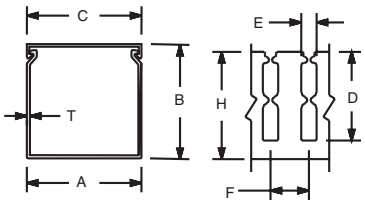
PANDUCT® Type F Wiring Duct & FS Raceway Dimensions

Dimensions are shown for reference only. Contact customer service at 800-777-3300 for specific dimensional needs.

For .5", .75", 1" and 1.5" high duct.

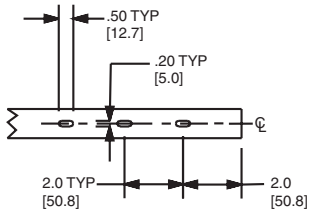


For 2", 3", 4" and 5" high duct.

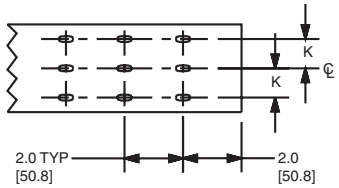


Note: 'A' dimension is measured at base.
Note: 'K' dimension shown in mounting hole dimensions below.

Mounting Hole Dimensions
For .5", .75", 1" and 1.5" wide duct.



For 2.0", 2.5", 3", 4" and 6" wide duct.



Note: For Type FS Raceway, no mounting holes is the standard condition; if mounting holes are required, delete NM from the part number.

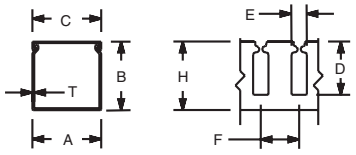
DUCT SIZE (W x H)	DIMENSIONS – Inches (mm)								
	A	B	C	D	E	F	H	K	T
.5 x .5 (12.7) x (12.7)	.69 (17.5)	.60 (15.2)	.69 (17.5)	.38 (9.5)	.20 (5.0)	.50 (12.7)	.50 (12.7)	ON CENTERLINE	.05 (1.3)
.5 x 1 (12.7) x (25.4)	.69 (17.5)	1.06 (26.9)	.69 (17.5)	.75 (19.1)	.20 (5.0)	.50 (12.7)	1.00 (25.4)		.05 (1.3)
.75 x .75 (19.1) x (19.1)	.93 (23.6)	.82 (20.8)	.94 (23.9)	.56 (14.3)	.20 (5.0)	.50 (12.7)	.75 (19.1)		.06 (1.4)
.75 x 1.5 (19.1) x (38.1)	.93 (23.6)	1.57 (39.9)	.94 (23.9)	1.20 (30.5)	.20 (5.0)	.50 (12.7)	1.50 (38.1)		.07 (1.8)
1 x 1 (25.4) x (25.4)	1.26 (32.0)	1.12 (28.4)	1.25 (31.8)	.75 (19.1)	.20 (5.0)	.50 (12.7)	1.00 (25.4)		.06 (1.4)
1 x 1.5 (25.4) x (38.1)	1.26 (32.0)	1.62 (41.1)	1.25 (31.8)	1.20 (30.5)	.20 (5.0)	.50 (12.7)	1.50 (38.1)		.07 (1.8)
1 x 2 (25.4) x (50.8)	1.26 (32.0)	2.12 (53.8)	1.25 (31.8)	1.63 (41.3)	.20 (5.0)	.50 (12.7)	2.00 (50.8)		.08 (2.0)
1 x 3 (25.4) x (76.2)	1.26 (32.0)	3.12 (79.2)	1.25 (31.8)	2.63 (66.7)	.20 (5.0)	.50 (12.7)	3.00 (76.2)		.10 (2.4)
1 x 4 (25.4) x (101.6)	1.26 (32.0)	4.10 (104.1)	1.25 (31.8)	3.63 (92.1)	.20 (5.0)	.50 (12.7)	4.00 (101.6)		.11 (2.7)
1.5 x 1 (38.1) x (25.4)	1.75 (44.5)	1.12 (28.4)	1.75 (44.5)	.75 (19.1)	.20 (5.0)	.50 (12.7)	1.00 (25.4)		.06 (1.5)
1.5 x 1.5 (38.1) x (38.1)	1.75 (44.5)	1.62 (41.1)	1.75 (44.5)	1.20 (30.5)	.20 (5.0)	.50 (12.7)	1.50 (38.1)		.07 (1.8)
1.5 x 2 (38.1) x (50.8)	1.75 (44.5)	2.12 (53.8)	1.75 (44.5)	1.63 (41.3)	.20 (5.0)	.50 (12.7)	2.00 (50.8)		.08 (2.0)
1.5 x 3 (38.1) x (76.2)	1.75 (44.5)	3.12 (79.2)	1.75 (44.5)	2.63 (66.7)	.20 (5.0)	.50 (12.7)	3.00 (76.2)		.10 (2.4)
1.5 x 4 (38.1) x (101.6)	1.75 (44.5)	4.10 (104.1)	1.75 (44.5)	3.63 (92.1)	.20 (5.0)	.50 (12.7)	4.00 (101.6)		.11 (2.7)
2 x 1 (50.8) x (25.4)	2.25 (57.2)	1.12 (28.4)	2.25 (57.2)	.75 (19.1)	.20 (5.0)	.50 (12.7)	1.00 (25.4)	.50 (12.7)	.06 (1.5)
2 x 1.5 (50.8) x (38.1)	2.25 (57.2)	1.62 (41.1)	2.25 (57.2)	1.20 (30.5)	.20 (5.0)	.50 (12.7)	1.50 (38.1)	.50 (12.7)	.07 (1.8)
2 x 2 (50.8) x (50.8)	2.25 (57.2)	2.12 (53.8)	2.25 (57.2)	1.63 (41.3)	.20 (5.0)	.50 (12.7)	2.00 (50.8)	.50 (12.7)	.08 (2.0)
2 x 3 (50.8) x (76.2)	2.25 (57.2)	3.12 (79.2)	2.25 (57.2)	2.63 (66.7)	.20 (5.0)	.50 (12.7)	3.00 (76.2)	.50 (12.7)	.10 (2.4)
2 x 4 (50.8) x (101.6)	2.25 (57.2)	4.10 (104.1)	2.25 (57.2)	3.63 (92.1)	.20 (5.0)	.50 (12.7)	4.00 (101.6)	.50 (12.7)	.11 (2.7)
2 x 5 (50.8) x (127.0)	2.25 (57.2)	5.10 (129.5)	2.25 (57.2)	4.63 (117.5)	.20 (5.0)	.50 (12.7)	5.00 (127.0)	.50 (12.7)	.12 (2.9)
3 x 1 (76.2) x (25.4)	3.25 (82.6)	1.12 (28.4)	3.25 (82.6)	.75 (19.1)	.20 (5.0)	.50 (12.7)	1.00 (25.4)	1.00 (25.4)	.07 (1.7)
3 x 2 (76.2) x (50.8)	3.25 (82.6)	2.12 (53.8)	3.25 (82.6)	1.63 (41.3)	.20 (5.0)	.50 (12.7)	2.00 (50.8)	1.00 (25.4)	.08 (2.0)
3 x 3 (76.2) x (76.2)	3.25 (82.6)	3.12 (79.2)	3.25 (82.6)	2.63 (66.7)	.20 (5.0)	.50 (12.7)	3.00 (76.2)	1.00 (25.4)	.10 (2.4)
3 x 4 (76.2) x (101.6)	3.25 (82.6)	4.10 (104.1)	3.25 (82.6)	3.63 (92.1)	.20 (5.0)	50 (12.7)	4.00 (101.6)	1.00 (25.4)	.11 (2.7)
3 x 5 (76.2) x (127.0)	3.25 (82.6)	5.10 (129.5)	3.25 (82.6)	4.63 (117.5)	.20 (5.0)	.50 (12.7)	5.00 (127.0)	1.00 (25.4)	.12 (2.9)
> 4 x 1.5 (101.6) x (38.1)	4.25 (108.0)	1.62 (41.1)	4.25 (108.0)	N/A	N/A	N/A	1.50 (38.1)	N/A	.07 (1.8)
4 x 2 (101.6) x (50.8)	4.25 (108.0)	2.12 (53.8)	4.25 (108.0)	1.63 (41.3)	.20 (5.0)	.50 (12.7)	2.00 (50.8)	1.50 (38.1)	.08 (2.0)
4 x 3 (101.6) x (76.2)	4.25 (108.0)	3.12 (79.2)	4.25 (108.0)	2.63 (66.7)	.20 (5.0)	.50 (12.7)	3.00 (76.2)	1.50 (38.1)	.10 (2.4)
4 x 4 (101.6) x (101.6)	4.25 (108.0)	4.10 (104.1)	4.25 (108.0)	3.63 (92.1)	.20 (5.0)	.50 (12.7)	4.00 (101.6)	1.50 (38.1)	.11 (2.7)
4 x 5 (101.6) x (127.0)	4.25 (108.0)	5.10 (129.5)	4.25 (108.0)	4.63 (117.5)	.20 (5.0)	.50 (12.7)	5.00 (127.0)	1.50 (38.1)	.12 (2.9)
> 6 x 4 (152.4) x (101.6)	6.25 (158.8)	4.15 (105.4)	6.25 (158.8)	N/A	N/A	N/A	4.00 (101.6)	N/A	.11 (2.8)

> Available for Type FS Raceway only.
See page C1.43 for wiring duct color and size availability.

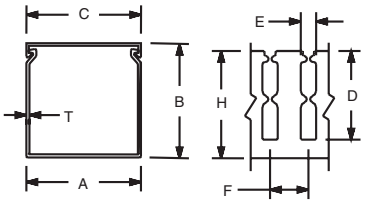
PANDUCT® Type MC & TMC Wiring Duct Dimensions

Dimensions are shown for reference only. Contact customer service at 800-777-3300 for specific dimensional needs.

For 25mm, 37.5mm and 50mm high duct.

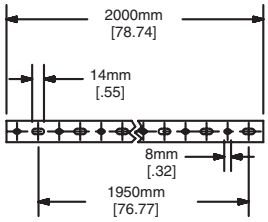


For 62.5mm, 75mm and 100mm high duct.

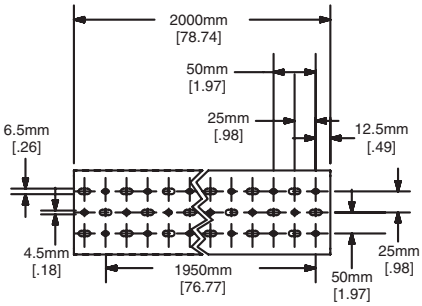


Note: 'A' dimension is measured at base.
Note: 'K' dimension shown in mounting hole dimensions below.

Mounting Hole Dimensions
For 25mm, 37.5mm and 50mm width duct.



For 75mm and 100mm width duct.



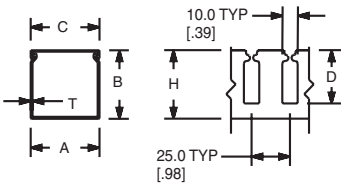
	DUCT SIZE (W x H)	DIMENSIONS – mm (Inches)							
		A	B	C	D	E	F	H	T
>	25 x 25	24.6	23.6	24.6	13.6	5.0	12.5	20.5	1.4
	(.98) x (.98)	(.97)	(.93)	(.97)	(.54)	(.20)	(.49)	(.81)	(.06)
	25 x 37.5	24.6	35.8	24.6	24.7	5.0	12.5	33.0	1.4
	(.98) x (1.48)	(.97)	(1.41)	(.97)	(.97)	(.20)	(.49)	(1.30)	(.06)
>	25 x 50	24.6	47.8	24.6	34.8	5.0	12.5	45.5	1.5
	(.98) x (1.97)	(.97)	(1.88)	(.97)	(1.37)	(.20)	(.49)	(1.79)	(.06)
>	25 x 62.5	24.6	59.7	24.6	45.8	5.0	12.5	58.0	1.5
	(.98) x (2.46)	(.97)	(2.35)	(.97)	(1.80)	(.20)	(.49)	(2.28)	(.06)
>	25 x 75	24.6	73.2	24.6	57.6	5.0	12.5	70.5	1.7
	(.98) x (2.95)	(.97)	(2.88)	(.97)	(2.27)	(.20)	(.49)	(2.78)	(.07)
	37.5 x 37.5	37.1	35.8	37.1	24.7	5.0	12.5	33.0	1.5
	(1.48) x (1.48)	(1.46)	(1.41)	(1.46)	(.97)	(.20)	(.49)	(1.30)	(.06)
>	37.5 x 50	37.1	47.8	37.1	34.8	5.0	12.5	45.5	1.7
	(1.48) x (1.97)	(1.46)	(1.88)	(1.46)	(1.37)	(.20)	(.49)	(1.79)	(.07)
>	37.5 x 62.5	37.1	59.7	37.1	45.8	5.0	12.5	58.0	1.7
	(1.48) x (2.46)	(1.46)	(2.35)	(1.46)	(1.80)	(.20)	(.49)	(2.28)	(.07)
>	37.5 x 75	37.1	72.4	37.1	57.6	5.0	12.5	70.5	1.8
	(1.48) x (2.95)	(1.46)	(2.85)	(1.46)	(2.27)	(.20)	(.49)	(2.78)	(.07)
	50 x 50	49.5	48.0	49.6	34.8	5.0	12.5	45.5	1.7
	(1.97) x (1.97)	(1.95)	(1.89)	(1.95)	(1.37)	(.20)	(.49)	(1.79)	(.07)
>	50 x 75	49.5	72.4	49.6	57.6	5.0	12.5	70.5	1.9
	(1.97) x (2.95)	(1.95)	(2.85)	(1.95)	(2.27)	(.20)	(.49)	(2.78)	(.08)
>	50 x 100	49.5	97.8	49.6	81.0	5.0	12.5	95.5	2.2
	(1.97) x (3.94)	(1.95)	(3.85)	(1.95)	(3.19)	(.20)	(.49)	(3.76)	(.09)
>	62.5 x 37.5	62.0	35.8	62.1	24.7	5.0	12.5	33.0	1.7
	(2.46) x (1.48)	(2.44)	(1.41)	(2.44)	(.97)	(.20)	(.49)	(1.30)	(.07)
>	62.5 x 62.5	62.0	59.7	62.1	45.8	5.0	12.5	58.0	1.8
	(2.46) x (2.46)	(2.44)	(2.35)	(2.44)	(1.80)	(.20)	(.49)	(2.28)	(.07)
	75 x 50	74.7	48.0	74.6	34.8	5.0	12.5	45.5	2.0
	(2.95) x (1.97)	(2.94)	(1.89)	(2.94)	(1.37)	(.20)	(.49)	(1.79)	(.08)
>	75 x 62.5	74.7	59.7	74.6	45.8	5.0	12.5	58.0	2.0
	(2.95) x (2.46)	(2.94)	(2.35)	(2.94)	(1.80)	(.20)	(.49)	(2.28)	(.08)
	75 x 75	74.7	73.2	74.6	57.6	5.0	12.5	70.5	2.2
	(2.95) x (2.95)	(2.94)	(2.88)	(2.94)	(2.27)	(.20)	(.49)	(2.78)	(.09)
>	75 x 100	74.7	97.8	74.6	81.0	5.0	12.5	95.5	2.3
	(2.95) x (3.94)	(2.94)	(3.85)	(2.94)	(3.19)	(.20)	(.49)	(3.76)	(.09)
	100 x 50	99.6	48.0	99.6	34.8	5.0	12.5	45.5	2.0
	(3.94) x (1.97)	(3.92)	(1.89)	(3.92)	(1.37)	(.20)	(.49)	(1.79)	(.08)
>	100 x 62.5	99.6	59.7	99.6	45.8	5.0	12.5	58.0	2.0
	(3.94) x (2.46)	(3.92)	(2.35)	(3.92)	(1.80)	(.20)	(.49)	(2.28)	(.08)
	100 x 75	99.6	73.2	99.6	57.6	5.0	12.5	70.5	2.5
	(3.94) x (2.95)	(3.92)	(2.88)	(3.92)	(2.27)	(.20)	(.49)	(2.78)	(.10)
>	100 x 100	99.6	97.8	99.6	81.0	5.0	12.5	99.5	2.5
	(3.94) x (3.94)	(3.92)	(3.85)	(3.92)	(3.19)	(.20)	(.49)	(3.76)	(.10)

> Available for Type MC Wiring Duct only.

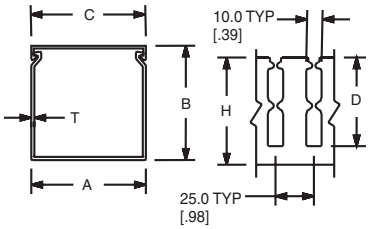
PANDUCT® Type NNC Wiring Duct Dimensions

Dimensions are shown for reference only. Contact customer service at 800-777-3300 for specific dimensional needs.

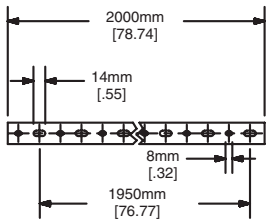
For 25mm, 37.5mm and 50mm high duct.



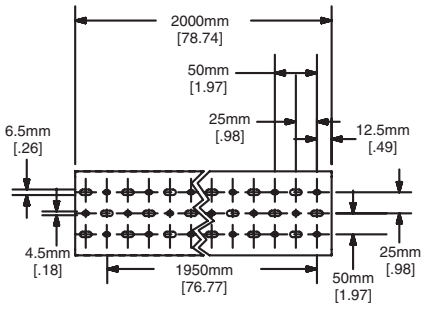
For 75mm and 100mm high duct.



Mounting Hole Dimensions
For 25mm, 37.5mm and 50mm width duct.



For 75mm and 100mm width duct.

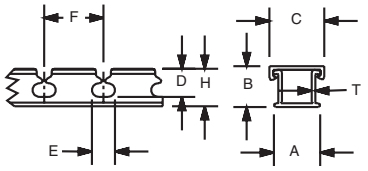


DUCT SIZE (W x H)	DIMENSIONS – mm (Inches)					
	A	B	C	D	H	T
25 x 25	24.6	23.6	24.6	13.6	20.3	1.5
(.98) x (.98)	(.97)	(.93)	(.97)	(.54)	(.80)	(.06)
25 x 37	24.6	35.8	24.6	24.6	33.0	1.8
(.98) x (1.48)	(.97)	(1.41)	(.97)	(.97)	(1.30)	(.07)
25 x 50	24.6	47.8	24.6	34.8	45.5	2.0
(.98) x (1.97)	(.97)	(1.88)	(.97)	(1.37)	(1.79)	(.08)
25 x 75	24.6	72.4	24.6	57.6	70.6	2.0
(.98) x (2.95)	(.97)	(2.85)	(.97)	(2.27)	(2.78)	(.08)
37.5 x 37.5	37.1	35.8	37.1	24.7	33.0	1.8
(1.48) x (1.48)	(1.46)	(1.41)	(1.46)	(.97)	(1.30)	(.07)
37.5 x 50	37.1	47.8	37.1	34.8	45.5	2.0
(1.48) x (1.97)	(1.46)	(1.88)	(1.46)	(1.37)	(1.79)	(.08)
37.5 x 75	37.1	72.4	37.1	57.6	70.6	2.0
(1.48) x (2.95)	(1.46)	(2.85)	(1.46)	(2.27)	(2.78)	(.08)
50 x 50	49.5	47.8	49.5	34.8	45.5	2.0
(1.97) x (1.97)	(1.95)	(1.88)	(1.95)	(1.37)	(1.79)	(.08)
50 x 75	49.5	72.4	49.5	57.6	70.6	2.0
(1.97) x (2.95)	(1.95)	(2.85)	(1.95)	(2.27)	(2.78)	(.08)
50 x 100	49.5	97.8	49.5	81.0	95.5	2.3
(1.97) x (3.94)	(1.95)	(3.85)	(1.95)	(3.19)	(3.76)	(.09)
75 x 75	74.7	72.4	74.7	57.6	70.6	2.0
(2.95) x (2.95)	(2.94)	(2.85)	(2.94)	(2.27)	(2.78)	(.08)
100 x 50	99.6	47.8	99.6	34.8	45.5	2.0
(3.94) x (1.97)	(3.92)	(1.88)	(3.92)	(1.37)	(1.79)	(.08)
100 x 75	99.6	72.4	99.6	57.6	70.6	2.0
(3.94) x (2.95)	(3.92)	(2.85)	(3.92)	(2.27)	(2.78)	(.08)
100 x 100	99.6	97.8	99.6	81.0	95.5	2.3
(3.92) x (3.85)	(3.92)	(3.85)	(3.92)	(3.19)	(3.76)	(.09)

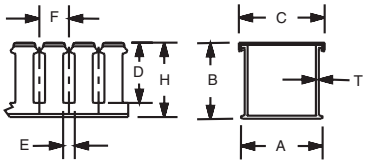
PANDUCT® Type NE Wiring Duct Dimensions

Dimensions are shown for reference only. Contact customer service at 800-777-3300 for specific dimensional needs.

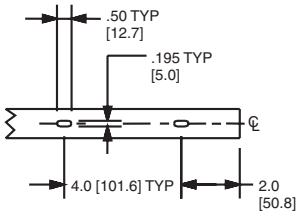
For .5" high duct.



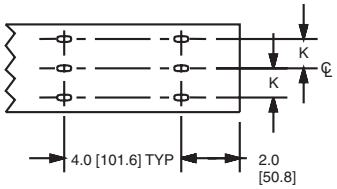
For 1", 1.25", 1.5", 1.75", 2", 2.5", 3", 4" and 5" high duct.



Mounting Hole Dimensions
For .5", .75", 1", and 1.5" wide duct.



For 2.0", 2.5", 3" and 4" wide duct.

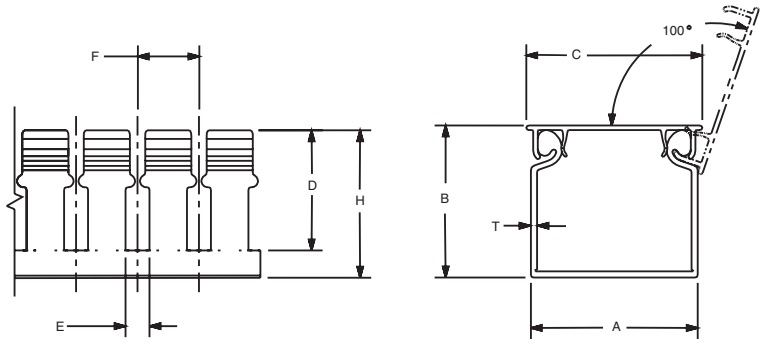


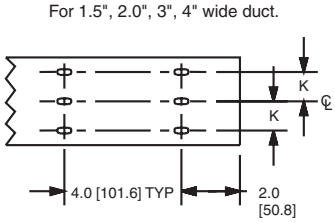
DUCT SIZE (W x H)	DIMENSIONS – Inches (mm)								
	A	B	C	D	E	F	H	K	T
.5 x .5	.63	.56	.69	.38	.37	.80	.50	ON CENTERLINE	.05
(12.7) x (12.7)	(16.0)	(14.2)	(17.5)	(9.7)	(9.4)	(20.3)	(12.7)		(1.3)
.5 x 1	.63	1.06	.69	.75	.31	.80	1.00		.06
(12.7) x (25.4)	(16.0)	(26.9)	(17.5)	(19.1)	(7.9)	(20.3)	(25.4)		(1.5)
1 x 1	1.14	1.06	1.25	.75	.31	.80	1.00		.06
(25.4) x (25.4)	(29.0)	(26.9)	(31.8)	(19.1)	(7.9)	(20.3)	(25.4)		(1.5)
1 x 1.5	1.14	1.62	1.25	1.20	.31	.80	1.50		.07
(25.4) x (38.1)	(29.0)	(41.1)	(31.8)	(30.5)	(7.9)	(20.3)	(38.1)		(1.8)
1 x 2	1.14	2.06	1.25	1.63	.31	.80	2.00		.07
(25.4) x (50.8)	(29.0)	(52.3)	(31.8)	(41.4)	(7.9)	(20.3)	(50.8)		(1.8)
1 x 3	1.14	3.06	1.25	2.63	.31	1.00	3.00		.07
(25.4) x (76.2)	(29.0)	(77.7)	(31.8)	(66.8)	(7.9)	(25.4)	(76.2)		(1.8)
1 x 4	1.14	4.06	1.25	3.63	.31	1.00	4.00		.08
(25.4) x (101.6)	(29.0)	(103.1)	(31.8)	(92.2)	(7.9)	(25.4)	(101.6)		(2.0)
1.5 x 1.5	1.64	1.62	1.75	1.20	.31	.80	1.50		.07
(38.1) x (38.1)	(41.7)	(41.1)	(44.5)	(30.5)	(7.9)	(20.3)	(38.1)		(1.8)
1.5 x 2	1.64	2.06	1.75	1.63	.31	.80	2.00		.07
(38.1) x (50.8)	(41.7)	(52.3)	(44.5)	(41.4)	(7.9)	(20.3)	(50.8)		(1.8)
1.5 x 3	1.64	3.06	1.75	2.63	.31	1.00	3.00		.07
(38.1) x (76.2)	(41.7)	(77.7)	(44.5)	(66.8)	(7.9)	(25.4)	(76.2)		(1.8)
1.5 x 4	1.64	4.06	1.75	3.63	.31	1.00	4.00		.08
(38.1) x (101.6)	(41.7)	(103.1)	(44.5)	(92.2)	(7.9)	(25.4)	(101.6)		(2.0)
2 x 1	2.14	1.06	2.25	.75	.31	.80	1.00	.50	.06
(50.8) x (25.4)	(54.4)	(26.9)	(57.2)	(19.1)	(7.9)	(20.3)	(25.4)	(12.7)	(1.5)
2 x 2	2.14	2.06	2.25	1.63	.31	.80	2.00	.50	.07
(50.8) x (50.8)	(54.4)	(52.3)	(57.2)	(41.4)	(7.9)	(20.3)	(50.8)	(12.7)	(1.8)
2 x 3	2.14	3.06	2.25	2.63	.31	1.00	3.00	.50	.07
(50.8) x (76.2)	(54.4)	(77.7)	(57.2)	(66.8)	(7.9)	(25.4)	(76.2)	(12.7)	(1.8)
2 x 4	2.14	4.06	2.25	3.63	.31	1.00	4.00	.50	.08
(50.8) x (101.6)	(54.4)	(103.1)	(57.2)	(92.2)	(7.9)	(25.4)	(101.6)	(12.7)	(2.0)
2.5 x 3	2.64	3.06	2.75	2.63	.31	1.00	3.00	.75	.07
(63.5) x (76.2)	(67.1)	(77.7)	(69.9)	(66.8)	(7.9)	(25.4)	(76.2)	(19.1)	(1.8)
3 x 1	3.14	1.06	3.25	.75	.31	.80	1.00	1.00	.06
(76.2) x (25.4)	(79.8)	(26.9)	(82.6)	(19.1)	(7.9)	(20.3)	(25.4)	(25.4)	(1.5)
3 x 2	3.14	2.06	3.25	1.63	.31	.80	2.00	1.00	.07
(76.2) x (50.8)	(79.8)	(52.3)	(82.6)	(41.4)	(7.9)	(20.3)	(50.8)	(25.4)	(1.7)
3 x 3	3.14	3.06	3.25	2.63	.31	1.00	3.00	1.00	.07
(76.2) x (76.2)	(79.8)	(77.7)	(82.6)	(66.8)	(7.9)	(25.4)	(76.2)	(25.4)	(1.8)
3 x 4	3.14	4.06	3.25	3.63	.31	1.00	4.00	1.00	.08
(76.2) x (101.6)	(79.8)	(103.1)	(82.6)	(92.2)	(7.9)	(25.4)	(101.6)	(25.4)	(2.0)
3 x 5	3.14	5.06	3.25	4.63	.38	1.33	5.00	1.00	.09
(76.2) x (127.0)	(79.8)	(128.5)	(82.6)	(117.6)	(9.7)	(33.8)	(127.0)	(25.4)	(2.3)
4 x 2	4.14	2.06	4.25	1.63	.31	.80	2.00	1.50	.07
(101.6) x (50.8)	(105.2)	(52.3)	(108.0)	(41.4)	(7.9)	(20.3)	(50.8)	(38.1)	(1.8)
4 x 3	4.14	3.06	4.25	2.63	.31	1.00	3.00	1.50	.07
(101.6) x (76.2)	(105.2)	(77.7)	(108.0)	(66.8)	(7.9)	(25.4)	(76.2)	(38.1)	(1.8)
4 x 4	4.14	4.06	4.25	3.63	.31	1.00	4.00	1.50	.08
(101.6) x (101.6)	(105.2)	(103.1)	(108.0)	(92.2)	(7.9)	(25.4)	(101.6)	(38.1)	(2.0)
4 x 5	4.14	5.06	4.25	4.63	.38	1.33	5.00	1.50	.09
(101.6) x (127.0)	(105.2)	(128.5)	(108.0)	(117.6)	(9.7)	(33.8)	(127.0)	(38.1)	(2.3)

PANDUCT® Type H & HS Wiring Duct Dimensions

Dimensions are shown for reference only. Contact customer service at 800-777-3300 for specific dimensional needs.

DUCT SIZE (W x H)	DIMENSIONS – Inches (mm)								
	A	B	C	D	E	F	H	K	T
1.5 x 2 (38.1) x (50.8)	1.75 (44.5)	1.98 (50.3)	1.88 (47.8)	1.63 (41.4)	.31 (7.9)	.80 (20.3)	1.92 (48.8)	On CL	.08 (2.0)
1.5 x 3 (38.1) x (76.2)	1.75 (44.5)	3.06 (77.7)	1.88 (47.8)	2.63 (66.8)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)		.10 (2.5)
2 x 2 (50.8) x (50.8)	2.17 (55.1)	1.98 (50.3)	2.29 (58.2)	1.57 (39.9)	.31 (7.9)	.80 (20.3)	1.92 (48.8)	.50 (12.7)	.08 (2.0)
2 x 3 (50.8) x (76.2)	2.17 (55.1)	3.06 (77.7)	2.29 (58.2)	2.63 (66.8)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)	.50 (12.7)	.10 (2.5)
2 x 4 (50.8) x (101.6)	2.17 (55.1)	4.10 (104.1)	4.38 (111.3)	3.63 (92.2)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)	.50 (12.7)	.10 (2.7)
3 x 3 (76.2) x (76.2)	3.25 (82.6)	3.06 (77.7)	3.38 (85.9)	2.63 (66.8)	.31 (7.9)	1.00 (25.4)	3.00 (76.2)	1.00 (25.4)	.10 (2.5)
3 x 4 (76.2) x (101.6)	3.25 (82.6)	4.10 (104.1)	3.38 (85.9)	3.63 (92.2)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)	1.00 (25.4)	.11 (2.8)
4 x 4 (101.6) x (101.6)	4.25 (108.0)	4.10 (104.1)	4.38 (111.3)	3.63 (92.2)	.31 (7.9)	1.00 (25.4)	4.00 (101.6)	1.50 (38.1)	.11 (2.8)



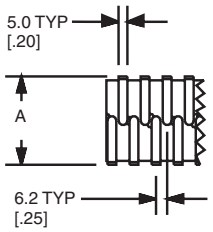


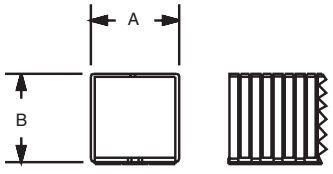
PANDUCT® Type FL Wiring Duct Dimensions

Dimensions are shown for reference only.
Dimensions are in mm (in.). Contact customer service at 800-777-3300 for specific dimensional needs.

NOMINAL DUCT SIZE (Wx H) mm	NOMINAL AREA mm²	ELECTRICAL	
		10 AWG	12 AWG
		3.9	3.1
		THHN	THHN
12 x 12	144	3	5
25 x 25	625	12	19
50 x 50	2500	43	67

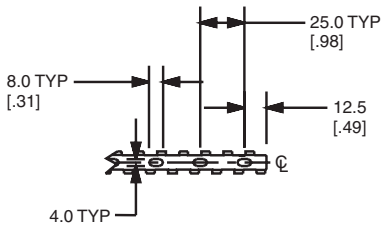
Note: Type FL Wiring Duct has factory applied adhesive. For 50 x 50 two strips of tape are used; otherwise, only one strip is centered on the part.



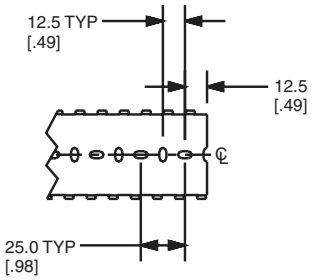


Note: 'B' dimension is without adhesive.

Mounting Hole Dimensions
For FL12X12LG-A



For FL25X25LG-A & FL50X50LG-A



PANDUCT® Type D, G, F & FS Wiring Duct – Wirefill Capacity

NOMINAL DUCT SIZE (W x H) inches	NOMINAL AREA in²	ELECTRICAL												COMMUNICATION		
		8 AWG	10 AWG	12 AWG		14 AWG			16 AWG		18 AWG		22 AWG	24 AWG		
		.216	.153	.122	.158	.105	.139	.165	.096	.125	.084	.113	.065	.217	.250	.422
		THHN	THHN	THHN	MTW	THHN	MTW	MTW	TFFN	MTW	TFFN	MTW	MTW	UTP/CM CAT 5e	STP/CM CAT 6	UTP/CM
.5 x .5	.250	3	6	10	6	13	7	5	16	9	20	11	34	3	2	1
.5 x 1	.500	6	12	19	11	26	15	10	31	18	40	22	68	6	5	2
.5 x 2	1.000	12	24	38	23	52	30	21	62	37	81	45	135	12	9	3
.75 x .75	.563	7	14	22	13	29	17	12	35	21	46	25	76	7	5	2
.75 x 1	.750	9	18	29	17	39	22	16	47	27	61	34	101	9	7	2
.75 x 1.5	1.125	14	27	43	26	58	33	24	70	41	91	50	152	14	10	4
.75 x 2	1.500	18	37	58	34	78	44	31	93	55	121	67	203	18	14	5
1 x 1	1.000	12	24	38	23	52	30	21	62	37	81	45	135	12	9	3
1 x 1.5	1.500	18	37	58	34	78	44	31	93	55	121	67	203	18	14	5
1 x 2	2.000	24	49	77	46	104	59	42	124	73	162	90	270	24	18	6
1 x 3	3.000	37	73	115	69	155	89	63	186	110	243	134	406	36	27	10
1 x 4	4.000	49	98	154	92	207	118	84	248	146	324	179	541	49	37	13
1.5 x 1	1.500	18	37	58	34	78	44	31	93	55	121	67	203	18	14	5
1.5 x 1.5	2.250	28	55	86	52	117	67	47	140	82	182	101	304	27	21	7
1.5 x 2	3.000	37	73	115	69	155	89	63	186	110	243	134	406	36	27	10
1.5 x 3	4.500	55	110	173	103	233	133	94	279	165	364	201	609	55	41	14
1.5 x 4	6.000	73	146	230	137	311	177	126	372	219	486	269	811	73	55	19
2 x 1	2.000	24	49	77	46	104	59	42	124	73	162	90	270	24	18	6
2 x 1.5	3.000	37	73	115	69	155	89	63	186	110	243	134	406	36	27	10
2 x 2	4.000	49	98	154	92	207	118	84	248	146	324	179	541	49	37	13
2 x 3	6.000	73	146	230	137	311	177	126	372	219	486	269	811	73	55	19
2 x 4	8.000	98	195	307	183	415	237	168	496	293	648	358	1082	97	73	26
2 x 5	10.000	122	244	384	229	518	296	210	620	366	810	448	1352	121	91	32
2.5 x 3	7.500	92	183	288	172	389	222	157	465	274	607	336	1014	91	69	24
3 x 1	3.000	37	73	115	69	155	89	63	186	110	243	134	406	36	27	10
3 x 2	6.000	73	146	230	137	311	177	126	372	219	486	269	811	73	55	19
3 x 3	9.000	110	220	346	206	466	266	189	558	329	729	403	1217	109	82	29
3 x 4	12.000	147	293	461	275	622	355	252	744	439	972	537	1623	146	110	39
3 x 5	15.000	184	366	576	343	777	444	315	930	549	1215	671	2029	182	137	48
4 x 1.5	6.000	73	146	230	137	311	177	126	372	319	486	269	811	73	55	19
4 x 2	8.000	98	195	307	183	415	237	268	496	293	648	358	1082	97	73	26
4 x 3	12.000	147	293	461	275	622	355	252	744	439	972	537	1623	146	110	39
4 x 4	16.000	196	391	614	366	829	473	336	992	585	1296	716	2164	194	146	51
4 x 5	20.000	245	488	768	458	1037	592	420	1240	731	1620	895	2705	243	183	64
6 x 4	24.000	294	586	921	549	1244	710	504	1488	878	1944	1074	3246	291	219	77

See page C1.43 for wiring duct color and size availability. Not all sizes available for each duct type. Wirefill is based on 50% cross-sectional area.

Formula used to calculate fill capacity:

$$\text{Number of Wires} = \frac{\text{Duct W x H}}{1.75 \times (\text{Wire O.D.})^2}$$

See page C1.41 for explanation of wirefill formula.

Formula to approximate wiring duct size needed:

Wire O.D. for multiple wire types:

$$\text{Wire O.D.} = \frac{\Sigma\ (\text{Number of Wires} \times \text{Wire O.D.})}{\text{Number of Wires}}$$

Example:
15 wires with .165" O.D = 15 x .165 = 2.475
28 wires with .065" O.D. = 285 x .065 = 1.820
16 wires with .125" O.D. = 16 x .125 = 2.000
59 total wires = 6.295

6.295 – 59 = Wire O.D. = **.107**

1. Determine the **number of wires** the duct will need to contain.
2. Determine the **wire outside diameter** (for multiple wires see formula at left.
3. Calculate the **wirefill comparison area** using the following formula:

Wirefill Comparison Area = Number of Wires x [1.75 x (Wire O.D.)²]

Example: Wirefill Comparison Area = 59 x [1.75 x (.107)²] = 59 x .020 = **1.182**

4. **Choose a Duct** with W x H equal to or greater than the result from step 3.

Area of Selected Duct ≧ Calculated Wirefill Comparison Area

Example: For Duct Size .75" x 1.5" Duct Area = .75 x 1.5 = 1.125 sq. in.
(No good 1.125 < 1.182)
For Duct Size 1.5" x 1" Duct Area = 1.5 x 1 = 1.1500 sq. in.
(Good 1.500 > 1.182)

In the above example 1" x 1.5" duct or larger could also be used.

PANDUCT® Type MC, NNC & TMC Wiring Duct – Wirefill Capacity

NOMINAL DUCT SIZE (W x H) mm.	NOMINAL AREA mm^2	ELECTRICAL												COMMUNICATION		
		8 AWG	10 AWG	12 AWG		14 AWG			16 AWG		18 AWG		22 AWG	24 AWG		
		5.5	3.9	3.1	4.0	2.7	3.5	4.2	2.4	3.2	2.1	2.9	1.7	5.5	6.4	10.7
		THHN	THHN	THHN	MTW	THHN	MTW	MTW	THHN	MTW	THHN	MTW	MTW	UTP/CM CAT 5e	STP/CM CAT 6	UTP/CM
25 x 25	625	12	24	37	22	50	29	20	60	35	78	43	131	12	9	3
25 x 37	925	18	35	55	33	74	42	30	89	52	116	64	194	17	13	5
25 x 50	1250	24	47	74	44	100	57	41	120	71	157	87	262	24	18	6
25 x 62	1550	29	59	92	55	125	71	50	149	88	195	108	325	29	22	8
25 x 75	1875	36	71	112	67	151	86	61	180	106	235	130	393	35	27	9
37 x 37	1369	26	52	81	49	110	63	45	132	78	172	95	287	26	19	7
37 x 50	1850	35	70	110	66	149	85	60	178	105	232	128	388	35	26	9
37 x 62	2294	44	87	136	81	184	105	75	220	130	288	159	481	43	33	11
37 x 75	2775	53	105	165	98	223	127	90	267	157	348	193	582	52	39	14
50 x 50	2500	47	95	149	89	201	115	81	240	142	314	173	524	47	35	12
50 x 75	3750	71	142	223	133	301	172	122	360	213	471	260	786	71	53	19
50 x 100	5000	95	189	298	177	402	229	163	481	283	628	347	1048	94	71	25
62 x 37	2294	44	87	136	81	184	105	75	220	130	288	159	481	43	33	11
62 x 62	3844	73	145	229	136	309	176	125	369	218	483	267	806	72	54	19
75 x 50	3750	71	142	223	133	301	172	122	360	213	471	260	786	71	53	19
75 x 62	4650	88	176	277	165	374	213	151	447	264	584	323	975	87	66	23
75 x 75	5625	107	213	335	200	452	258	183	541	319	706	390	1179	106	80	28
75 x 100	7500	142	284	446	266	603	344	244	721	425	941	520	1572	141	106	37
100 x 50	5000	95	189	298	177	402	229	163	481	283	628	347	1048	94	71	25
100 x 62	6200	118	235	369	220	498	284	202	596	351	778	430	1300	117	88	31
100 x 75	7500	142	284	446	266	603	344	244	721	425	941	520	1572	141	106	37
100 x 100	10000	190	378	595	355	803	458	325	961	567	1255	694	2096	188	142	50

See page C1.43 for wiring duct color and size availability. Not all sizes available for each duct type. Wirefill is based on 50% cross-sectional area.
Formula for 50% wirefill = Nominal Area/(1.75 x D^2)

PANDUCT® Type H & HS Wiring Duct – Wirefill Capacity

NOMINAL DUCT SIZE (W x H) inches	NOMINAL AREA in^2	ELECTRICAL												COMMUNICATION		
		8 AWG	10 AWG	12 AWG		14 AWG			16 AWG		18 AWG		22 AWG	24 AWG		
		.216	.153	.122	.158	.105	.139	.165	.096	.125	.084	.113	.065	.217	.250	.422
		THHN	THHN	THHN	MTW	THHN	MTW	MTW	THHN	MTW	THHN	MTW	MTW	UTP/CM CAT 5e	UTP/CM CAT 6	UTP/CM
1.5 x 2	3.000	34	69	108	64	147	83	59	175	103	229	126	383	34	25	9
1.5 x 3	4.500	52	103	163	97	220	125	89	263	155	344	190	575	51	38	13
2 x 2	4.000	46	92	145	86	196	111	79	234	138	306	169	511	45	34	12
2 x 3	6.000	69	138	217	129	294	167	119	351	207	459	253	767	68	51	18
2 x 4	8.000	92	184	290	173	392	223	158	469	276	612	338	1023	91	69	24
3 x 3	9.000	104	207	326	194	441	251	178	527	311	689	380	1151	103	77	27
3 x 4	12.000	139	277	435	259	588	335	238	703	415	919	507	1535	137	103	36
4 x 4	16.000	185	369	581	346	784	447	317	938	553	1225	677	2047	183	138	48

Wirefill is based on 50% cross-sectional area. Formula for 50% wirefill = Nominal Area/(1.85 x D^2)

PANDUCT® Type FL Wiring Duct – Wirefill Capacity

NOMINAL DUCT SIZE (Wx H) mm	NOMINAL AREA mm^2	ELECTRICAL	
		10 AWG	12 AWG
		3.9	3.1
		THHN	THHN
12 x 12	144	3	5
25 x 25	625	12	19
50 x 50	2500	43	67

Wirefill is based on 50% cross-sectional area.

PANDUCT® Type NE Wiring Duct – Wirefill Capacity

NOMINAL DUCT SIZE (W x H) inches	NOMINAL AREA in²	ELECTRICAL												COMMUNICATION		
		8 AWG	10 AWG	12 AWG		14 AWG			16 AWG		18 AWG		22 AWG	24 AWG		
		.216	.153	.122	.158	.105	.139	.165	.096	.125	.084	.113	.065	.217	.250	.422
		THHN	THHN	THHN	MTW	THHN	MTW	MTW	TFFN	MTW	TFFN	MTW	MTW	UTP/CM CAT 5e	STP/CM CAT 6	UTP/CM
.5 x .5	.250	3	5	8	5	11	6	5	14	8	18	10	30	3	2	1
.5 x 1	.500	5	11	17	10	23	13	9	27	16	35	20	59	5	4	1
1 x 1	1.000	11	21	34	20	45	26	18	54	32	71	39	118	11	8	3
1 x 1.5	1.500	16	32	50	30	68	39	28	81	48	106	59	178	16	12	4
1 x 2	2.000	21	43	67	40	91	52	37	109	64	142	78	237	21	16	6
1 x 3	3.000	32	64	101	60	136	78	55	163	96	213	117	355	32	24	8
1 x 4	4.000	43	85	134	80	181	104	73	217	128	283	157	473	42	32	11
1.5 x 1.5	2.250	24	48	76	45	102	58	41	122	72	159	88	266	24	18	6
1.5 x 2	3.000	32	64	101	60	136	78	55	163	96	213	117	355	32	24	8
1.5 x 3	4.500	48	96	151	90	204	116	83	244	144	319	176	533	48	36	13
1.5 x 4	6.000	64	128	202	120	272	155	110	326	192	425	235	710	64	48	17
2 x 1	2.000	21	43	67	40	91	52	37	109	64	142	78	237	21	16	6
2 x 2	4.000	43	85	134	80	181	104	73	217	128	283	157	473	42	32	11
2 x 3	6.000	64	128	202	120	272	155	110	326	192	425	235	710	64	48	17
2 x 4	8.000	86	171	269	160	363	207	147	434	256	567	313	947	85	64	22
2.5 x 3	7.500	80	160	252	150	340	194	138	407	240	531	294	888	80	60	21
3 x 1	3.000	32	64	101	60	136	78	55	163	96	213	117	355	32	24	8
3 x 2	6.000	64	128	202	120	272	155	110	326	192	425	235	710	64	48	17
3 x 3	9.000	96	192	302	180	408	233	165	488	288	638	352	1065	96	72	25
3 x 4	12.000	129	256	403	240	544	311	220	651	384	850	470	1420	127	96	34
3 x 5	15.000	161	320	504	300	680	388	275	814	480	1063	587	1775	159	120	42
4 x 2	8.000	86	171	269	160	363	207	147	434	256	567	313	947	85	64	22
4 x 3	12.000	129	256	403	240	544	311	220	651	384	850	470	1420	127	96	34
4 x 4	16.000	171	342	537	320	726	414	294	868	512	1134	627	1893	170	128	45
4 x 5	20.000	214	427	672	401	907	518	367	1085	640	1417	783	2367	212	160	56

Wirefill is based on 50% cross-sectional area.

Formula used to calculate fill capacity:

$$\text{Number of Wires} = \frac{\text{Duct W x H}}{2.00 \times (\text{Wire O.D.})^2}$$

See page C1.41 for explanation of wirefill formula.

Formula to approximate wiring duct size needed:

Wire O.D. for multiple wire types:

$$\text{Wire O.D.} = \frac{\Sigma\ (\text{Number of Wires x Wire O.D.})}{\text{Number of Wires}}$$

Example:

15 wires with .165" O.D = 15 x .165 = 2.475
28 wires with .065" O.D. = 285 x .065 = 1.820
16 wires with .125" O.D. = 16 x .125 = 2.000
59 total wires = 6.295

6.295 ÷ 59 = Wire O.D. = **.107**

1. Determine the **number of wires** the duct will need to contain.
2. Determine the **wire outside diameter** (for multiple wires see formula at left.
3. Calculate the necessary **wirefill comparison area** using the following formula:

Wirefill Comparison Area = Number of Wires x [2 x (Wire O.D.)²]

Example: Wirefill Comparison Area = 59 x [2 x (.107)²] = 59 x .020 = **1.357**

4. **Choose a Duct** with W x H equal to or greater than the result from step 3.

Area of Selected Duct ≧ Calculated Wirefill Comparison Area

Example: For Duct Size .75" x 1.5" Duct Area = .75 x 1.5 = 1.125 sq. in.
(No good 1.125 < 1.1357
For Duct Size 1.5" x 1" Duct Area = 1.5 x 1 = 1.1500 sq. in.
(Good 1.500 > 1.357)

In the above example 1" x 1.5" duct or larger could also be used.

Wirefill Formula
(Flush cover duct Types G, F, FS, D, H, HS, MC, NNC & TMC)

General Formula

PANDUIT Wiring Duct wirefills are calculated using the following general formula:

$$50\%\ \text{Wirefill} = 50\%\ \text{of} \left(\frac{\text{Usable Duct Area}}{\text{Wire Area}}\right)$$

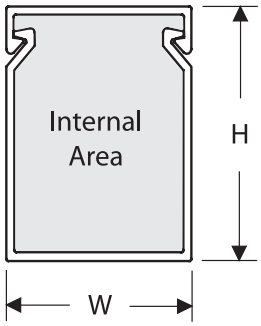
Why use a 50% Wirefill?

As specified in NFPA79-2002 section 14.5.2, *Percentage Fills of Raceways (Ducts),* a 50% wirefill is given as the maximum wirefill capacity in all *PANDUIT* Wiring Ducts. This helps ensure general safe wiring practices are followed. In actual practice, a 50% wirefill is the maximum amount of wiring the duct can hold given the additional airspace created between cables by non-uniform cable shapes, cable interlacing and cable packing factors.

What is the Usable Duct Area?

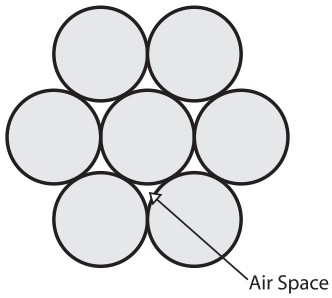
The usable area we define as the calculation of internal area that can be occupied by wires or cables.

Calculation of Internal Area



Since we use the outer channel dimensions in our calculation we make an adjustment in our formula for the thickness of material and for design elements that extend inside the channel.

Air Space Allotment



In our wirefill formula an adjustment is made to the channel internal area to account for "unusable" air space that will be present between cables when placed in the channel. Our formula assumes a uniform close packed or high-density cable arrangement (see diagram) (Note 1).

Considering these factors the usable duct area is equal to an average of 90% of the nominal area, or (W x H) x .90.

Wire Area

The wire area formula is converted to allow calculation using the cable diameter:

$$A_{WIRE} = \pi r^2$$
$$A_{WIRE} = (\pi/4) \times D^2$$
$$A_{WIRE} = .785 \times D^2$$

Formula Derivation

Inserting the elements from above into the general formula results in the following:

$$50\%\ \text{Wirefill} = .50 \left(\frac{(W \times H) \times .90}{.785 \times D^2}\right)$$

Simplifying this formula results in the formula used for wire fill calculation (Note 2):

$$50\%\ \text{Wirefill} = \left(\frac{W \times H}{1.75 \times D^2}\right)$$

NOTE: When calculating wirefill capacity using the above formula, variables W, H and D must be expressed in same units (i.e. mm or inches).

1 This calculation does not account for additional airspace created between cables by non-uniform cable shapes, cable interlacing and cable packing factors.
2 The resulting formula is used for all *PANDUIT* Flush Cover Ducts, this excludes Type NE duct which has a different profile design that results in a divisor of 2.0 x D^2 (rather than 1.75 x D^2 as shown here) and Type H and HS Wiring Duct with a profile design that results in a divisor of 1.85 x D^2.

PANDUCT® Wiring Duct and Raceway – Material Specifications

PROPERTIES	UNITS	TEST METHOD	LEAD-FREE PVC	HALOGEN FREE MODIFIED PPO (NNC)	NORYL (NE)	POLYPROPYLENE (FL)	LOW SMOKE/ LOW TOXICITY (TMC)
GENERAL							
Specific Gravity	g/cc	ASTM D 792	1.45	1.09	1.08	.95	1.56
Heat Deflection Temperature @264 psi	°F	ASTM D 648	156	215	212	117	222
Thermal Expansion	10-5 in/in/°F	ASTM D 696	3.7	3.8	3.8	N/A	3.8
Thermal Conductivity	(BTU-in/hr-ft^2)°F	ASTM C 177	1.3	1.3	1.1	N/A	N/A
BURNING CHARACTERISTICS							
Flammability Class	—	UL94	V-0	V-0	V-1	V-2	V-0
Smoke Density @ 4 Minutes	—	ASTM E 662	538	513	782	N/A	92
Limited Oxygen Index (LOI)	—	ASTM D 2863	35	30	30	25	58
Peak Heat Release Rate	kW/m2	ASTM E 1354	N/A	N/A	N/A	N/A	49.3
HARDNESS							
Durometer Hardness	"D"	ASTM D 2240	78	N/A	85	N/A	N/A
Rockwell Hardness	"R"	ASTM D 785	111	116	115	N/A	118
TENSILE							
Strength at Yield	psi	ASTM D 638	6,200	7,700	6,900	3,770	6,600
Modulus	psi	ASTM D 638	390,000	350,000	380,000	172,000	316,000
FLEXURAL							
Strength at Yield	psi	ASTM D 790	8,700	11,500	11,400	4,350	11,900
Modulus	psi	ASTM D 790	325,000	340,000	365,000	181,250	317,000
IMPACT STRENGTH							
Notched Izod (.125")		ASTM D 256					
23°C (73°F)	ft-lb/in		4.0	5.0	5.0	1.80	3.0
0°C (32°F)	ft-lb/in		1.6	2.0	N/A	N/A	N/A
ELECTRICAL PROPERTIES							
Power Factor:		ASTM D 150					
60 Hz @30°C (86°F)	—		2.90	N/A	N/A	N/A	N/A
1 MHz @30°C (86°F)	—		4.00	N/A	N/A	N/A	N/A
Dielectric Constant:		ASTM D 150					
60 Hz @30°C (86°F)	—		3.90	N/A	2.65	N/A	N/A
1 MHz @30°C (86°F)	—		3.30	N/A	N/A	N/A	N/A
Dielectric Strength:		ASTM D 149					
Normal	volts/mil	IEC 243-1	690	N/A	400	N/A	N/A
Moist	volts/mil		700	N/A	N/A	N/A	N/A

Note: To the best of our knowledge the above information is accurate.
PANDUIT assumes no liability for the accuracy or completeness of this information.

Rigid Polyvinyl Chloride (PVC)
A general purpose material for use in indoor applications. PVC has a UL flammability rating of V-0 and is UL94 Recognized for continuous use temperatures up to 122°F (50°C). PVC is an economical wiring duct material.

Halogen Free (Modified PPO)
A special purpose material for use in halogen free or high temperature applications. Modified PPO has a UL94 flammability rating of V-0 and is UL Recognized for continuous use temperatures up to 203°F (95°C), and is 20% lighter than PVC.

NORYL* Halogen Free
A special purpose material for use in halogen free or high temperature applications. *NORYL** has a UL94 flammability rating of V-1 and is UL Recognized for continuous use temperatures up to 203°F (95°C), and is 20% lighter than PVC.

Polypropylene
A flexible material with a UL94 flammability rating of V-2 and that is UL Recognized for continuous use temperatures up to 149°F (65°C).

Low Smoke/ Low Toxicity
A special purpose material for use where low smoke, low toxicity and low flammability characteristics are critical. Ideally suited for transportation industry regulations. Low smoke/ low toxicity has a UL94 flammability rating of V-0 and is UL Recognized for continuous use temperatures up to 176°F (80°C).

*NORYL is a registered trademark of General Electric Company.

PANDUCT® Wiring Duct and Raceway – Color and Size Selection

Duct Size W x H (inches)	LG Light Gray							WH White								DG Dark Gray		BL Black					IB Intrinsic Blue*	BR Beige	IG International Gray
.5 x .5	G	F	FS					G	F	FS		NE													
.5 x 1	G	F	FS					G	F			NE													
.5 x 2	G							G																	
.5 x 4	G							G																	
.75 x .75	G	F	FS					G	F	FS															
.75 x 1	G							G																	
.75 x 1.5	G	F						G	F																
.75 x 2	G							G										G							
1 x 1	G	F	FS				NNC25X25	G	F	FS		NE			NNC25X25	G		G	FS				G		MC25X25
1 x 1.5	G	F	FS				NNC25X37	G	F			NE			NNC25X37	G		G						TMC25X37	MC25X37
1 x 2	G	F	FS	D			NNC25X50	G	F			NE			NNC25X50	G		G		D			G		MC25X50
1 x 2.5																									MC25X62
1 x 3	G	F	FS	D			NNC25X75	G	F		D	NE			NNC25X75	G		G		D					MC25X75
1 x 4	G	F	FS	D				G	F		D	NE						G		D					
1.5 x 1	G	F	FS					G	F	FS															
1.5 x 1.5	G	F	FS				NNC37X37	G	F	FS		NE			NNC37X37			G	FS					TMC37X37	MC37X37
1.5 x 2	G	F	FS	D	H	HS	NNC37X50	G	F			NE	H	HS	NNC37X50	G		G		D	H				MC37X50
1.5 x 2.5																									MC37X62
1.5 x 3	G	F	FS	D	H	HS	NNC37X75	G	F		D	NE	H	HS	NNC37X75	G		G		D	H				MC37X75
1.5 x 4	G	F		D				G	F		D	NE				G		G		D					
2 x 1	G	F	FS					G	F	FS		NE						G							
2 x 1.5	G	F	FS					G	F	FS						G									
2 x 2	G	F	FS	D	H	HS	NNC50X50	G	F	FS	D	NE	H	HS	NNC50X50	G	FS	G	FS	D	H	HS	G	TMC50X50	MC50X50
2 x 3	G	F	FS	D	H	HS	NNC50X75	G	F	FS	D	NE	H	HS	NNC50X75	G		G		D	H		G		MC50X75
2 x 4	G	F	FS	D	H	HS	NNC50X100	G	F		D	NE	H	HS	NNC50X10	G		G		D	H				MC50X100
2 x 5	G	F						G	F							G									
2.5 x 1.5																									MC62X37
2.5 x 2.5																									MC62X62
2.5 x 3	G			D				G				NE						G							
3 x 1	G	F	FS					G	F	FS		NE													
3 x 2	G	F	FS	D				G	F	FS		NE				G		G	FS					TMC75X50	MC75X50
3 x 2.5																									MC75X62
3 x 3	G	F	FS	D	H	HS	NNC75X75	G	F	FS	D	NE	H	HS	NNC75X75	G	FS	G	FS	D	H		G	TMC75X75	MC75X75
3 x 4	G	F	FS	D	H	HS		G	F	FS	D	NE	H	HS		G		G		D	H		G		MC75X100
3 x 5	G	F	FS					G	F	FS		NE				G									
4 x 1.5	G		FS					G								G									
4 x 2	G	F	FS	D			NNC100X50	G	F	FS		NE			NNC100X5			G		D				TMC100X50	MC100X50
4 x 2.5																									MC100X62
4 x 3	G	F	FS	D			NNC100X75	G	F	FS		NE			NNC100X7	G		G						TMC100X75	MC100X75
4 x 4	G	F	FS	D	H	HS	NNC100X10	G	F	FS	D	NE	H	HS	NNC100X1	G	FS	G	FS	D	H	HS	G		MC100X10
4 x 5	G	F	FS					G	F			NE				G		G							
6 x 4	G		FS					G								G									

*Intrinsic Blue Color – IB

Intrinsic Blue wiring duct is made from the same lead-free PVC material as our standard PVC duct. Intrinsic Blue is an internationally recognized standard blue color that identifies the wiring duct as “incapable of releasing sufficient electrical or thermal energy under normal or abnormal conditions to cause ignition of a specific hazardous atmospheric mixture in its most easily ignited concentrations.”

*ISA-RD12.6 (Instrument Society of America)

Installation Tips:

Application of Latex Paint on *PANDUCT*® Wiring Duct

The following is recommended to properly prepare the surface of the wiring duct/raceway and covers for the best adhesion of latex paint:

1. Clean surface with mild soap and water solution or mineral spirits with a clean lint free towel. Allow to dry.
2. Using a sanding pad (such as synthetic stripping pad or medium/fine steel wool), slightly roughen the surface to be painted.
3. Apply a coat of all-purpose 100% Acrylic primer and allow to dry.
4. Apply the desired topcoat of latex paint and allow to dry.
5. Install the wiring duct/raceway and covers.

Cutting Wiring Duct and Cover

For small quantities, use the DCT Duct Cutting Tool on page C1.30. For larger quantities use a miter cutting saw blade for clean burr-free cuts. Recommended blade: *Carbide 80T or 100T; .90" thickness, .125 kerf.*

Recommended Precaution when Using Type NNC and NE Wiring Duct

Cleaning solvents and cutting fluids that contain any of the following chemical agents should not come in contact with Type NNC or Type NE wiring duct. These chemicals are known to cause stress cracking in the halogen free PPO material.

- Hydrocarbons
- Phenols
- Ketones
- Amines
- Ethers
- Organic, Inorganic and Oxidizing Acids
- Petrol

Note: *PANDUIT* assumes no liability for the accuracy or completeness of this list.

Part Number System for Wiring Duct

G	.5	X	.5	LG	6	-A
Type	Nominal Width		Nominal Height	Color	Length	

G = Wide Finger Flush Design
F = Narrow Finger Flush Design
FS = Solid Wall Flush Design
H = Wide Finger Hinged Design
HS = Solid Wall Hinged Design
D = Round Hole Flush Design
NNC = Halogen Free Design
NE = NORYL* Wide Finger Design
MC = Metric Narrow Finger Design
TMC = Low Smoke Metric Design

In. or mm

In. or mm

LG = Light Gray
DG = Dark Gray
WH = White
BL = Black
IB = Intrinsic Blue
BR = Beige
IG = International Grey

ft. or M

–A = Adhesive Backed
= Without Adhesive (leave blank)
NM = No Mounting Holes

*NORYL is a registered trademark of General Electric Company.

PANDUIT Wiring Duct Approvals and Compliances

Logo (Symbol)	Agency	Spec/Approval	Requirement	Applicable Products
	Underwriters Laboratories, Inc.	File No. E147128	UL Standard 1565 "Positioning Devices."	All types of Wiring Duct
	Canadian Standards Association	File No. 016446, 210335	CSA Standard C22.2 No.18.5-02 "Positioning Devices."	All types of Wiring Duct
CE	Conformite European	LVD 73/23/EEC Attended by 93/68/EEC	ENC50085 cable trunking system and cable ducting systems for electrical installations	Wiring Duct Types: H, HS, G, F, D, MC, FS, NNC, TMC and NE
Logo (Symbol)	**Agency**	**Complies with:**	**Requirement**	**Applicable Products**
	DIN (Deutsches Institut fur Normung), German Institute for Standardization	DIN 43 659	This European standard specifies dimensions for slotted trunkings that will be used in electrical switchgear assemblies and that conform to the corresponding requirements in DIN VDE 060 Part 506. The dimensions specified with the standard include: • The channel mounting hole pattern, slot dimensions, pitch and location • The distance from the first to last like size mounting hole • Minimum overall product length	Wiring Duct Types: MC, TMC and NNC
	National Fire Protection Agency	NFPA 79-2002, section 14.3.1	"Nonmetallic ducts shall be permitted (inside enclosures) only when they are made with a flame retardant material." Flame-retardant material is defined in the standard by the IEC 60332-1 test method.	Wiring Duct Types: H, G, F, D, MC, NNC and TMC
		NFPA 79-2002, section 14.5.2	*PANDUIT* Wiring Duct publishes a maximum percentage wire fill for common wire types equal to 50 percent of the interior cross-sectional area of the duct.	Wiring Duct Types: H, G, F, FS, D, MC, NNC and TMC
		NFPA 79-2002, section 14.1.4.9	*PANDUIT* bend radius control accessories can be mounted at right angle and tee junctions created using wiring duct in order to maintain cable bend radius control.	Duct Corner Strip with 1" Bend Radius Control
		NFPA 130, 2003 edition	Performance Criteria for the Flammability and Smoke Emission Characteristics of Materials used in Fixed Guideway Vehicles and Passenger Rail Cars.	Type TMC Wiring Duct
	Underwriters Laboratories, Inc.	UL508, section 15	An insulating barrier (divider wall) shall be manufactured from an insulating material exhibiting minimum properties including High Current Arc Resistance to ignition (HAI), Hot Wire Ignition (HWI), Comparative Tracking Index (CTI), electrical Relative Thermal Index (RTI) and flame class.	PVC Divider Wall

PANDUIT Wiring Duct Approvals and Compliances (continued)

Logo (Symbol)	Description	Spec/Approval	Requirement	Applicable Products
	Elevated Temperature	*PANDUIT* logo	Material is rated for a continuous use temperature above 167°F (75°C).	Wiring Duct Types: NE, NNC and NNC
	Halogen Free IEC 60754-2	*PANDUIT* logo	Material contains no fluorine, bromide or chlorine and will not emit any corrosive or toxic gases when burned, confirmed using IEC 60754-2 test method.	Wiring Duct Types: NE and NNC
	Low Flammability UL94V-0	*PANDUIT* logo	Per UL standard, material is self-extinguishing and has excellent fire resistance.	Wiring Duct Types: NNC, TMC and all PVC wiring duct
	Low Smoke ASTM E 662	*PANDUIT* logo	Per ASTM test method and NFPA 130 Standard, material exceeds the requirements for low smoke generating material.	Wiring Duct Type TMC
	Low Toxicity Boeing and Airbus BSS-7239, ATS 1000.1	*PANDUIT* logo	Per the Boeing and Airbus test standards, material exceeds the requirements for low levels of toxic gas release.	Wiring Duct Types: NNC and TMC

FIBER-DUCT™ ROUTING SYSTEM

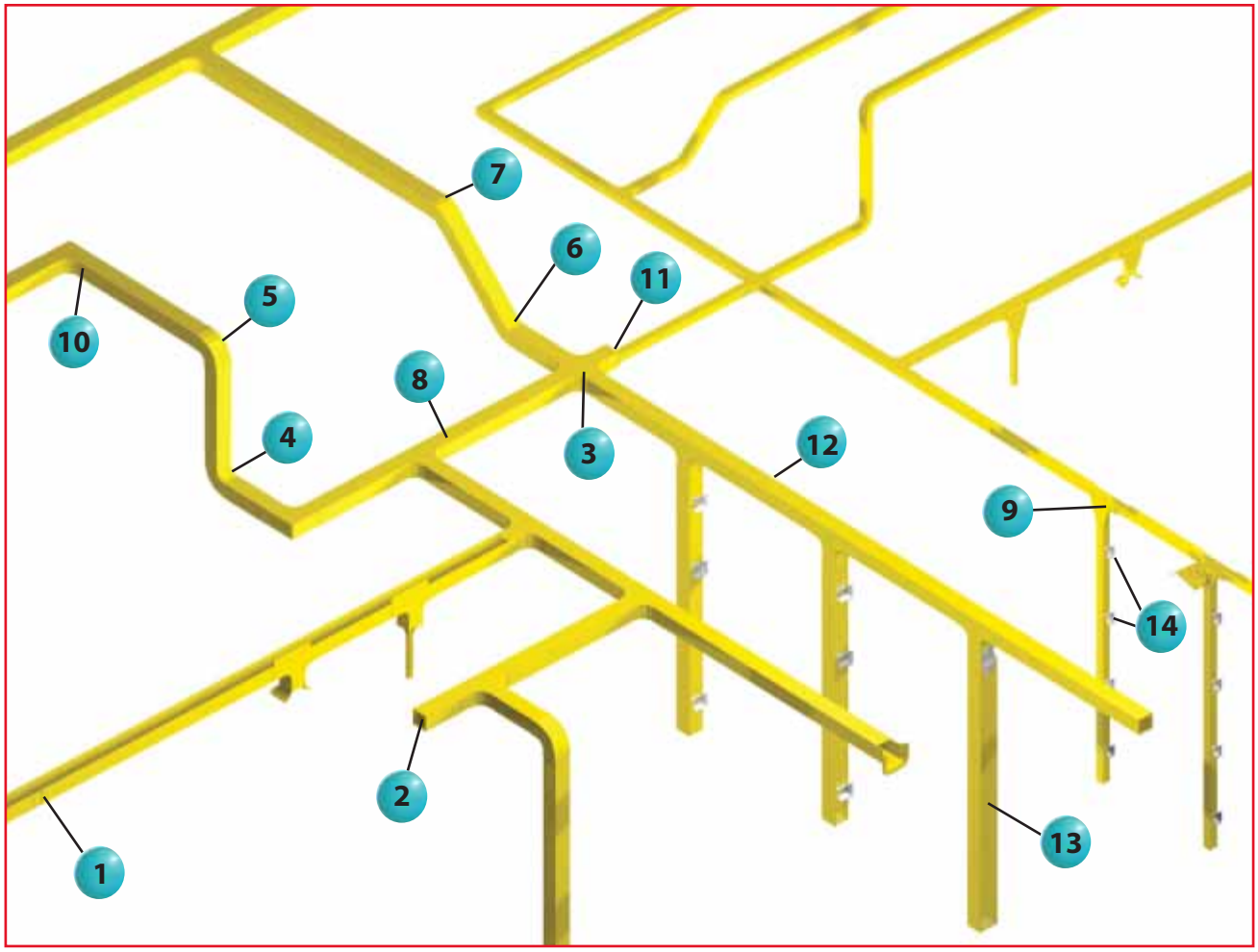
PANDUIT provides leading solutions for cable routing. These routing products are compatible with our cable management solutions increasing your ability to maintain an orderly and clean work environment, implement quick and easy moves, adds and changes and maintain the integrity of your fiber and copper cabling plant in order to maximize long-term performance.

- **Two system sizes available: 4x4 and 2x2**
- **Minimum 2" (50.8mm) bend radius fittings protect against signal loss due to excessive cable bends**
- **Snap-on non-slip covers**
- **Compatible with *PANDUIT*® *FIBERRUNNER*® 12x4, 6x4, 4x4 and 2x2 Routing Systems**

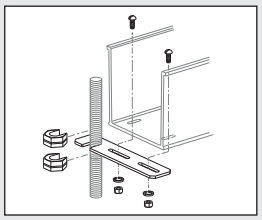
The 2x2 and 4x4 *FIBER-DUCT*™ Routing Systems are comprised of channel, fittings and brackets designed to segregate, route and protect fiber optic and copper cabling to and between racks within the telecommunications room.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

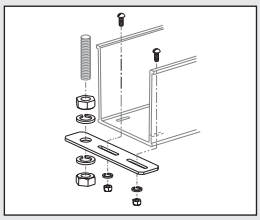
2x2 and 4x4 *FIBER-DUCT*™ Routing Systems Roadmap



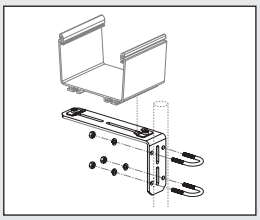
FIBER-DUCT™ Mounting Brackets



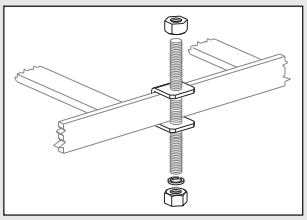
Existing Threaded Rod Bracket for *FIBER-DUCT*™ System



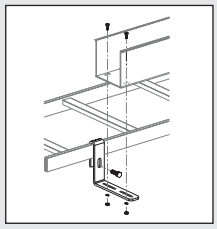
New Threaded Rod Bracket for *FIBER-DUCT*™ System



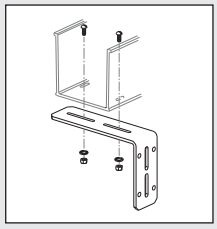
Under-Floor Pedestal Bracket for *FIBER-DUCT*™ System



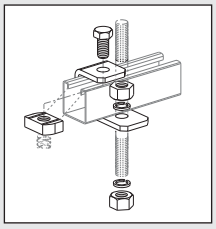
Bracket for Attaching Threaded Rod to 1 1/2" Ladder Rack



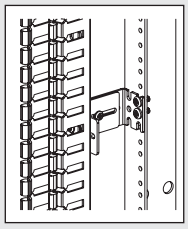
Ladder Rack Bracket for *FIBER-DUCT*™ System



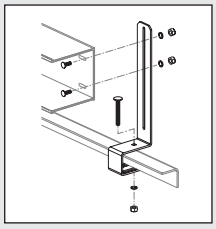
"L" Wall Mount Bracket for *FIBER-DUCT*™ System



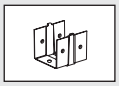
Strut Metal Framing Bracket

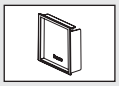


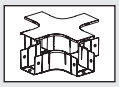
Adjustable "Z" Bracket

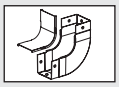


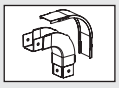
Top Rail of Rack Support Bracket


1 Coupler Fitting (see page C1.50)

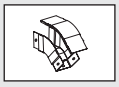

2 End Cap Fitting (see page C1.51)

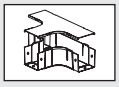

3 Four Way Cross Fitting (see page C1.51)

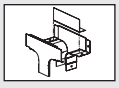

4 Inside Vertical Right Angle (see page C1.51)

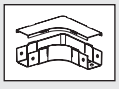

5 Outside Vertical Right Angle (see page C1.51)

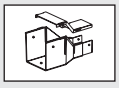
6 Inside Vertical 45° Angle (see page C1.51)

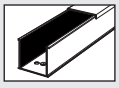

7 Outside Vertical 45° Angle (see page C1.51)


8 Horizontal Tee Fitting (see page C1.51)

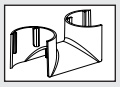

9 Vertical Tee Fitting (see page C1.52)


10 Horizontal Right Angle Fitting (see page C1.50)


11 Reducer Fitting (see page C1.51)


12 *FIBER-DUCT*™ Channel (see page C1.50)

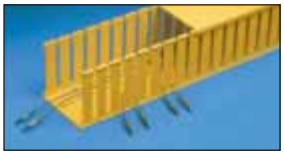
13 *FIBER-DUCT*™ Slotted Channel (see page C1.50)


14 Bend Radius Control Trumpet (see page C1.53)

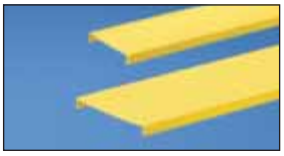
2x2 and 4x4 *FIBER-DUCT*™ Routing Systems

- Channel, covers, fittings and other non-metallic system components made from V-0 flame class rated material
- Snap on non-slip covers
- Compatible with *PANDUIT*® *FIBERRUNNER*® 2x2, 4x4, 6x4 and 12x4 Routing Systems

S2X2
S4X4



E2X2
E4X4



C2
C4

Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
***FIBER-DUCT*™ Channel**				
S2X2YL6NM	Used to carry the cables throughout the *FIBER-DUCT*™ Routing System. Accepts cover C2YL6. Cover sold separately.	2x2	6	120
S4X4YL6NM	Used to carry the cables throughout the *FIBER-DUCT*™ Routing System. Accepts cover C4YL6. Cover sold separately.	4x4	6	60
***FIBER-DUCT*™ Slotted Channel**				
E2X2YL6	Used to carry the cables vertically to the front or the back of equipment racks throughout the system. Accepts cover C2YL6. Extra supports required when used in horizontal applications. Cover sold separately.	2x2	6	120
E4X4YL6	Used to carry the cables vertically to the front or the back of equipment racks throughout the system. Accepts cover C4YL6. Extra supports required when used in horizontal applications. Cover sold separately.	4x4	6	60
***FIBER-DUCT*™ Cover**				
C2YL6	Cover for *FIBER-DUCT*™ channel and *FIBER-DUCT*™ slotted channel. Non-slip cover design incorporates integral high friction lining to inhibit cover movement.	2x2	6	120
C4YL6	Cover for *FIBER-DUCT*™ channel and *FIBER-DUCT*™ slotted channel. Non-slip cover design incorporates integral high friction lining to inhibit cover movement.	4x4	6	120

NOTE: Available with mounting holes. To order, delete NM from the part number.
For fastest installation use NR2WH-L or NR4BL-L Snap Rivets.
For other colors replace YL (Yellow) with OR (Orange) or BL (Black).
Order number of feet required, in multiples of standard 6' length increments.

FIBER-DUCT™ System Fittings

FCF2X2
FCF4X4

FRA2X2
FRA4X4

Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Coupler Fitting				
FCF2X2YL	Used to join two sections of duct together. *FIBER-DUCT*™ coupler is not required at each fitting connection.	2x2	1	5
FCF4X4YL		4x4	1	5
Horizontal Right Angle Fitting				
FRA2X2YL	Attaches to channel to create a 90° horizontal turn from a straight horizontal run. Cover included.	2x2	1	5
FRA4X4YL		4x4	1	5

For other colors replace suffix YL (Yellow) with OR (Orange) or BL (Black).
Fittings include 5/16" assembly holes for fast mechanical fastening.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

FIBER-DUCT™ System Fittings (continued)

FT2X2
FT4X4

FFWC2X2
FFWC4X4

FEC2X2
FEC4X4

FIV452X2
FIV454X4

FOV452X2
FOV454X4

FIVRA2X2
FIVRA4X4

FOVRA2X2
FOVRA4X4

FRF42

Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Horizontal Tee Fitting				
FT2X2YL	Attaches to channel to create a 90° horizontal branch from a straight horizontal run. Cover included.	2x2	1	5
FT4X4YL		4x4	1	5
Four Way Cross Fitting				
FFWC2X2YL	Attaches to channel to create a horizontal four way cross intersection. Cover included.	2x2	1	5
FFWC4X4YL		4x4	1	5
End Cap Fitting				
FEC2X2YL	Used for closing off open ends of the channel. No coupler required. Push-on installation.	2x2	1	5
FEC4X4YL		4x4	1	5
Inside Vertical 45° Angle Fitting				
FIV452X2YL	Attaches to channel to create a 45° upward angle from a straight horizontal run. Used with outside vertical 45° angle fitting FOV452X2YL or FOV454X4YL to change level of straight horizontal runs. Cover included.	2x2	1	5
FIV454X4YL		4x4	1	5
Outside Vertical 45° Angle Fitting				
FOV452X2YL	Attaches to channel to create a 45° downward angle from a straight horizontal run. Used with inside vertical 45° angle fitting FIV452X2YL or FIV454X4YL to change level of straight horizontal runs. Cover included.	2x2	1	5
FOV454X4YL		4x4	1	5
Inside Vertical Right Angle Fitting				
FIVRA2X2YL	Attaches to channel to create a 90° upward angle from a straight horizontal run. Used with outside vertical 90° angle fitting FOVRA2X2YL or FOVRA4X4YL to change level of straight horizontal runs. Cover included.	2x2	1	5
FIVRA4X4YL		4x4	1	5
Outside Vertical Right Angle Fitting				
FOVRA2X2YL	Attaches to channel to create a 90° downward angle from a straight horizontal run. Used with inside vertical 90° angle fitting FIVRA2X2YL or FIVRA4X4YL to change level of straight horizontal runs. Cover included.	2x2	1	5
FOVRA4X4YL		4x4	1	5
4x4 to 2x2 *FIBER-DUCT*™ Reducer Fitting				
FRF42YL	Joins any 4x4 *FIBER-DUCT*™ fitting to the 2x2 *FIBER-DUCT*™ channel, S2X2YL6 or E2X2YL6. Includes cover.	2x2 4x4	1	5

For other colors replace suffix YL (Yellow) with OR (Orange) or BL (Black).
Fittings include 5/16" assembly holes for fast mechanical fastening.

FIBER-DUCT™ Spillouts

FVTHD2X2

FTR2X2

FIDT2X2

FVT4X4

FTR4X4

FIDT4X4BL

Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
2x2 Vertical Tee				
FVTHD2X2YL	Attaches to 2x2 channel to create a 90° vertical drop from a horizontal run. Hinged door included. Accepts channel cover in conjunction with channel. Use *QUIKLOCK*™ coupler FBC2X2YL with HS2X2YL6 or H2X2YL6 channels. Use snap rivets NR2WH-L or bolts F14PN-L with S2X2YL6 or E2X2YL6 channels. Also accepts FIDT2X2YL.	2x2	1	5
3-Sided BRC Trumpet Spillout for 2x2 Exit				
FTR2X2YL	Used to limit the bend radius of the cable to 2" (50.8mm) when exiting from a *FIBERRUNNER*® spill-over fitting FRSPYL or from 2x2 *FIBER-DUCT*™ channel.	2x2	1	5
1-Port Spillout to 1.5" (38mm) Inside Diameter Corrugated Tubing				
FIDT2X2YL	Used to route cable into one piece of 1.5" (38mm) diameter split corrugated tubing. Used with *FIBERRUNNER*® spill-over fitting FRSPYL, 2x2 *FIBER-DUCT*™ fittings and the 2x2 *FIBERRUNNER*® hinged channel. Securely holds split corrugated tubing to ensure system integrity and easy access to add or remove cables.	2x2	1	5
4x4 Vertical Tee				
FVT4X4YL	Attaches to channel to create a 90° vertical drop from a horizontal run. Accepts FIDT4X4BL, FTR4X4YL, S4X4YL6 or E4X4YL6 directly.	4x4	1	5
3-Sided Vertical Tee Trumpet Spillout				
FTR4X4YL	Used to limit the bend radius of the cable to 2" (50.8mm) when exiting from a 4x4 or 6x4 *FIBERRUNNER*® vertical tee and 4x4 *FIBER-DUCT*™ fittings.	4x4	1	5
2-Port Spillout to 1.5" (38mm) Inside Diameter Corrugated Tubing				
FIDT4X4BL	Used to route cable into one or two pieces of 1.5" (38mm) diameter split corrugated tubing. Used with FRVT6X4YL, FRVT4X4YL or FVT4X4YL. Securely holds corrugated split tubing to ensure system integrity and easy access to add or remove cables. Black color only.	4x4	1	5

For other colors replace suffix YL (Yellow) with OR (Orange) or BL (Black).

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

FIBER-DUCT™ Bend Radius Control Trumpets

- Provides method to transition cabling into rack system
- Maintains 1" (25.4mm) bend radius control

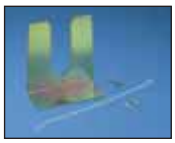
TRC2BL

TRC4BL

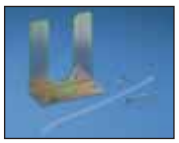
Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
TRC2BL	Bend radius control trumpet for exiting at the sidewall of 2" wall heights of Type E *FIBER-DUCT*™ channels.	2x2	1	10
TRC4BL	Bend radius control trumpet for exiting at the sidewall of 4" wall heights of Type E *FIBER-DUCT*™ channels.	4x4	1	10

FIBER-DUCT™ Accessories

FITF2X2



FITF4X4A



FITF4X4B

NR2WH-L
NR4BL-L

F14PWN-L

F14PN-L

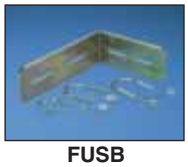
FBB

Part Number	Part Description	System Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Innerduct Transition Fitting – 2x2 Size				
FITF2X2	Provides transition from 2x2 *FIBER-DUCT*™ Routing System to 3/4" (19mm) or 1" (25.4mm) inner duct.	2x2	1	10
Innerduct Transition Fitting – 4x4 Size				
FITF4X4A	Provides transition from 4x4 *FIBER-DUCT*™ Routing System to two pieces of 1" (25.4mm) inner duct.	4x4	1	10
Innerduct Transition Fitting – 4x4 Size				
FITF4X4B	Provides transition from 4x4 *FIBER-DUCT*™ Routing System to two pieces of 1 1/4" (31.8mm) inner duct.	4x4	1	10
Snap Rivets				
NR2WH-L	Snap rivet fastens channel and fittings together for added strength and rigidity. Snap rivet mounts flush to surfaces.	2x2	50	500
NR4BL-L		4x4	50	500
Plastic Bolts and Nuts				
F14PWN-L	1/4" plastic bolts and wing nuts fastens channel and fittings together for added strength and rigidity.	2x2 4x4	50	500
F14PN-L	1/4" plastic bolts and hex nuts fastens channel and fittings together for added strength and rigidity.	2x2 4x4	50	500
Snap Bracket Clip				
FBB2-X	Snap bracket enables the *FIBER-DUCT*™ channel to be quickly and securely mounted. Contains all hardware for assembly to any *FIBER-DUCT*™ bracket.	2x2	10	100
FBB4-X		4x4	10	100

Fiber-Duct™ Mounting Brackets

FTRBE12, FTRBE58
FTRBE12M

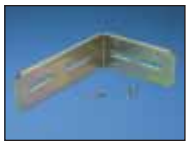
FTRBN12, FTRBN58
FTRBN12M



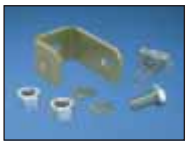
FUSB

FLB12X15
FLB58X15
FLB12X20
FLB58X20

FLRB



FLB



FTRB12
FTRB58

FZBA1.5X4

Part Number	Part Description	For Threaded Rod Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Existing Threaded Rod Bracket for *Fiber-Duct*™ System				
FTRBE12	Used for supporting the 2x2 and 4x4 *Fiber-Duct*™ Systems from existing threaded rod installations. Bracket is secured to threaded rod with two split nuts. Contains hardware for attaching to threaded rods and hardware for mounting channel to bracket.	1/2"	1	10
FTRBE58		5/8"	1	10
FTRBE12M		12mm	1	10
New Threaded Rod Bracket for *Fiber-Duct*™ System				
FTRBN12	Used for supporting the 2x2 and 4x4 *Fiber-Duct*™ Systems from new threaded rod installations. Bracket is secured to threaded rod with two nuts. Contains hardware for attaching to threaded rods and hardware for mounting channel to bracket.	1/2"	1	10
FTRBN58		5/8"	1	10
FTRBN12M		12mm	1	10
Under-Floor Pedestal for *Fiber-Duct*™ System				
FUSB	Used to support the 2x2 and 4x4 *Fiber-Duct*™ Systems by attaching to under floor pedestal (not included). Use on pedestals up to 1" in diameter. Bracket contains hardware to attach to pedestal and hardware for mounting channel to bracket.	—	1	10
Bracket for Attaching Threaded Rod to 1 1/2" Ladder Rack				
FLB12X15	Bracket attaches to 3/8" (9.5mm) wide x 1 1/2" (38.1mm) ladder rack rail. Bracket accepts threaded rod (not included). Contains bracket and hardware for attaching bracket to ladder rack.	1/2"	1	10
FLB58X15		5/8"	1	10
Bracket for Attaching Threaded Rod to 2" Ladder Rack				
FLB12X20	Bracket attaches to 3/8" (9.5mm) wide x 2" (50.8mm) ladder rack rail. Bracket accepts threaded rod (not included). Contains bracket and hardware for attaching bracket to ladder rack.	1/2"	1	10
FLB58X20		5/8"	1	10
Ladder Rack Bracket for *Fiber-Duct*™ System				
FLRB	Used to support the 2x2 and 4x4 *Fiber-Duct*™ Systems attaching directly to any 3/8" (9.5mm) x 1 1/2" (38.1mm) or 3/8" (9.5mm) x 2" (50.8mm) ladder rack rail. No threaded rod required. Contains hardware for mounting channel to bracket.	—	1	10
"L" Wall Mount Bracket for *Fiber-Duct*™ System				
FLB	Used to support 2x2 and 4x4 *Fiber-Duct*™ Systems by attaching to a wall or the front or back of an equipment rack. Contains hardware for mounting channel to bracket.	—	1	10
Strut Metal Framing Bracket				
FTRB12	Bracket attaches to strut metal framing. Contains bracket and hardware for attaching threaded rod to metal framing.	1/2"	1	10
FTRB58		5/8"	1	10
Adjustable "Z" Bracket				
FZBA1.5X4	Bracket used to offset *Fiber-Duct*™ System from mounting surface, adjustable from 1.5" (38mm) to 4" (101mm). Typically used on the front of an equipment rack.	—	1	10

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

FIBER-DUCT™ Mounting Brackets (continued)

FMRB

FEIAB58

F2PCLB12
F2PCLB58
F2PCLB12M
F2PCLB58M

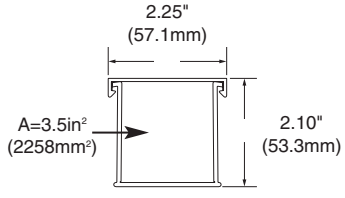
FRAFC58

Part Number	Part Description	For Threaded Rod Size	Std. Pkg. Qty.	Std. Ctn. Qty.
Top Rail of Rack Support Bracket				
FMRB	Bracket attaches to top rail of equipment rack for added support in a vertical direction. Contains hardware for attaching bracket to an EIA/TIA rack and for mounting channel to bracket.	—	1	10
EIA/TIA Threaded Rod Mounting Bracket				
FEIAB58	Bracket consists of two identical components that clamp onto the crossmembers of standard EIA/TIA racks and are secured with standard hex nuts and split lockwashers (included) tightened onto a length of 5/8" diameter threaded rod (not included). The threaded rod is positioned in the center of the brackets providing a vertical threaded rod stud to mount *FIBERRUNNER*® and *FIBER-DUCT*™ threaded rod mounting brackets onto.	5/8"	1	10
Two Piece Ladder Rack Bracket for Attaching Threaded Rod to 1 1/2" – 2" Ladder Rack				
F2PCLB12	Two piece bracket attaches to 3/8" (9.5mm) wide x 1 1/2" (38.1mm) or 3/8" (9.5mm) wide x 2" (50.8mm) ladder rack rail. Bracket halves slide into position and clamp together on the ladder rack rail, which allows for a one-handed assembly of the threaded rod (not included). Contains bracket and hardware for attaching bracket to ladder rack.	1/2"	1	10
F2PCLB58		5/8"	1	10
F2PCLB12M		12mm	1	10
F2PCLB58M		16mm	1	10
Two-Piece Framing Clip for Attaching 5/8" Threaded Rod to 2" x 9/16" C-Channel Auxiliary Framing Bars				
FRAFC58	Two-piece framing clip attaches to auxiliary framing bars. Framing clip halves slide into position and interlock on the auxiliary framing bars, allowing easier assembly of the threaded rod to bars. Contains two-piece framing clip and hardware for attaching framing clip to auxiliary framing bars. (5/8" threaded rod not included.)	5/8"	1	10

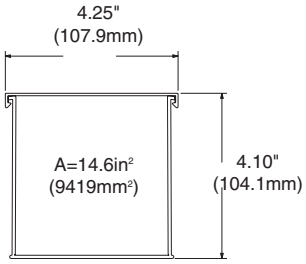
c UL us LISTED

Cable Fills for 2x2 and 4x4 *FIBER-DUCT*™ Cable Routing System

The maximum amounts may vary according to the cable fill installation methods, straightness of cables, etc.



2x2 *FIBER-DUCT*™ Routing System						
Fill/Pile Up	**Internal Area in²**	**Diameter 1.6mm .063"**	**Diameter 2.0mm .079"**	**Diameter 3.0mm .118"**	**CAT 6 Diameter 6.35mm .25"**	**CAT 5e Diameter 4.9mm .193"**
40% Fill						
2" Pile Up	3.5	449	286	128	29	48
50% Fill						
2" Pile Up	3.5	561	357	160	36	60
60% Fill						
2" Pile Up	3.5	674	428	192	43	72



4x4 *FIBER-DUCT*™ Routing System						
Fill/Pile Up	**Internal Area in²**	**Diameter 1.6mm .063"**	**Diameter 2.0mm .079"**	**Diameter 3.0mm .118"**	**CAT 6 Diameter 6.35mm .25"**	**CAT 5e Diameter 4.9mm .193"**
40% Fill						
2" Pile Up	7.60	975	620	278	62	104
3" Pile Up	11.30	1450	922	413	92	155
4" Pile Up	14.60	1873	1191	534	119	200
50% Fill						
2" Pile Up	7.60	1219	775	347	77	130
3" Pile Up	11.30	1812	1153	517	115	193
4" Pile Up	14.60	2342	1489	668	149	250
60% Fill						
2" Pile Up	7.60	1463	930	417	93	156
3" Pile Up	11.30	2175	1383	620	138	232
4" Pile Up	14.60	2810	1787	801	178	299

Channel cutting instructions: For optimum results, use FRCUT miter box and saw. For larger quantities use a plastic cutting saw blade for clean, burr-free cuts. Recommend: Carbide 80T or 100T; .090" thickness, .125" kerf.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Notes

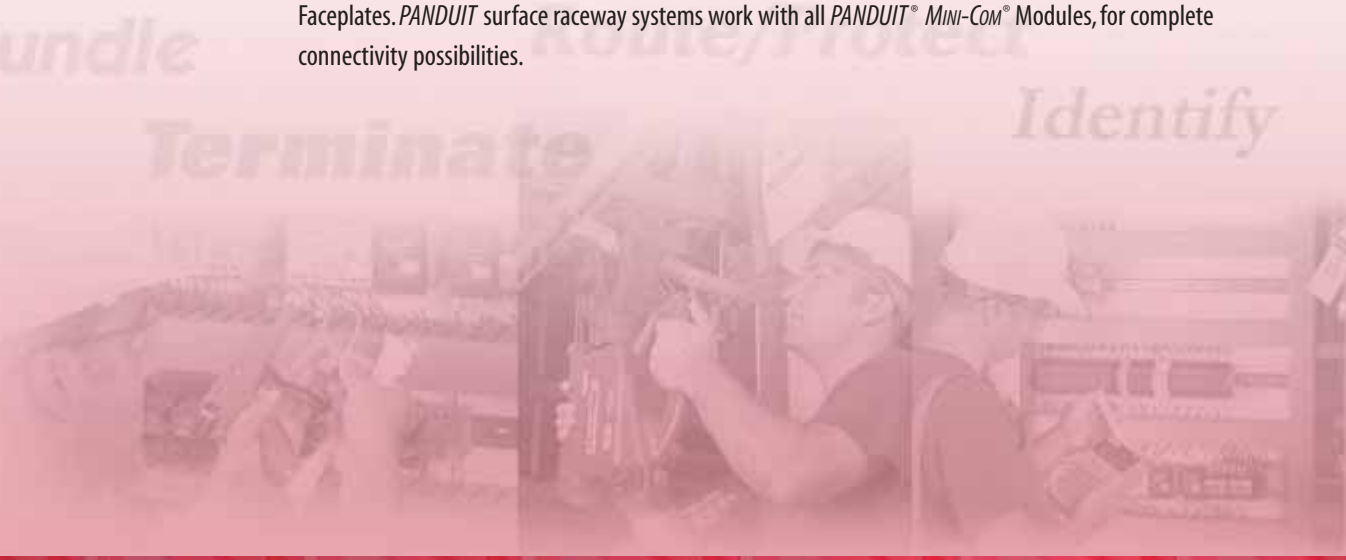
A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

PAN-WAY® NON-METALLIC SURFACE RACEWAY

PAN-WAY® Non-Metallic Surface Raceways provide maximum flexibility for routing, protecting, concealing and terminating high performance copper, voice, video, fiber optic and power cabling. *PANDUIT* surface raceways are designed with attention to function and aesthetics to blend with any décor. *PANDUIT* surface raceway systems include transition fittings that facilitate seamless integration of one *PANDUIT* surface raceway system to another. *PANDUIT* Surface Raceway Systems work with all *PANDUIT® MINI-COM®* Modules for complete connectivity possibilities.

- **Aesthetically pleasing**
- **Lightweight**
- **Tamper resistant**
- **Bend radius control**
- **Resists dents and conceals scratches and chips**
- **Ease of modifications and additions**
- **Lowest installed cost**

PANDUIT surface raceway provides a variety of choices when selecting data and electrical terminations. All *PANDUIT* surface raceways include a full complement of fittings that are designed to maintain the proper bend radius control required for high performance copper and fiber optic cabling systems. All of the raceways accept either NEMA 70mm standard screw-on faceplates or superior *PAN-WAY®* Snap-On Faceplates. *PANDUIT* surface raceway systems work with all *PANDUIT® MINI-COM®* Modules, for complete connectivity possibilities.



PAN-WAY® OFFICE FURNITURE RACEWAY

PAN-WAY® Office Furniture Raceway is a one-piece single channel system designed to route data cabling along the top of office furniture partitions. Outlets can be positioned at any point along the partition at desk level or in the corner at the intersection of two partitions. Office Furniture Raceway has a tamper resistant closure design, which protects sensitive cabling from accidental damage and discourages unauthorized access, yet the system is accessible by a qualified installer for moves, adds and changes.

- **Designed for desktop terminations which utilize the typically unused area of the cubicle**
- **Fittings meet TIA/EIA bend radius requirements preventing cable performance degradation, yet maintain original aesthetic "squared corner" styling of furniture**
- **Designed to work with major office furniture manufacturers panels (such as Steelcase, Herman Miller and others)**
- **Robust design includes a one-piece hinge and tamper resistant closure design which increases product stability and reduces inadvertent or unauthorized access to data cabling**
- **Designed for use with *PANDUIT* connectivity; also accepts common manufacturers' connectivity with use of a NEMA standard 70mm faceplate or module frame**

The system includes a full complement of fittings, accessories, and termination options. *PAN-WAY*® Office Furniture Raceway is available in four popular colors to blend with most office furniture systems and creates a virtually invisible cost effective routing solution.

A. System Overview
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D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
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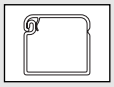
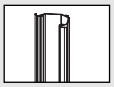
E4. Lockout/ Tagout & Safety Solutions
F. Index

Office Furniture Raceway Roadmap

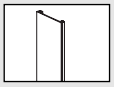
NOTE: Office Furniture Raceway is designed to blend with its environment. Shown in White on Office Slate furniture for illustration purposes only.



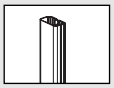
1 **OFR20**6 – Office Furniture Raceway** (page C2.6)



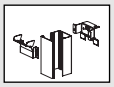
A **OFCR70**6 – Corner Raceway Base** (page C2.6)



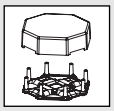
B **OFCRC70**6 – Corner Raceway Cover** (page C2.6)



C **OFVR5**6 – Vertical Raceway** (page C2.6)

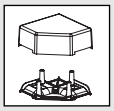


D **OFR20CP**8 – Communication Pole** (page C2.6)

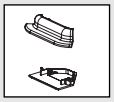


E **OFR20OFCR70**4 – Four Cubicle Drop Fitting** (page C2.7)

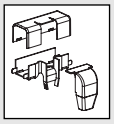
F **OFR20OFCR70**2 – Two Cubicle Drop Fitting** (page C2.7)



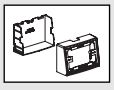
G **OFR20OFCR70**1 – One Cubicle Drop Fitting** (page C2.7)



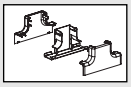
H **OFCR70EC** – Corner Raceway End Cap Fitting** (page C2.8)



J **OFR20SO** – Spill Over Fitting** (page C2.8)

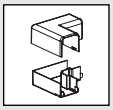


K **OFR20DMB** – Desk Mount Box** (page C2.8)

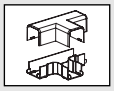


L **OFR20MPT** – Mid Panel Tee Fitting** (page C2.8)

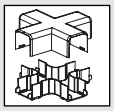
M **OFR20WE** – Wall Entrance Fitting** (page C2.8)



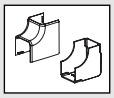
N **OFR20RA** – Right Angle Fitting** (page C2.8)



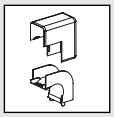
O **OFR20T** – Tee Fitting** (page C2.8)



P **OFR20CR** – Cross Fitting** (page C2.8)

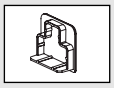


Q **OFR20IC** – Inside Corner Fitting** (page C2.8)



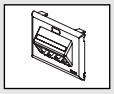
R **OFR20OC** – Outside Corner Fitting** (page C2.8)

S **OFR20CC** – Coupler Fitting** (page C2.8)



T **OFR20EC** – End Cap Fitting** (page C2.9)

U **OF70FV4** – Vertical Sloped Communication Snap-On Faceplate** (page C2.9)

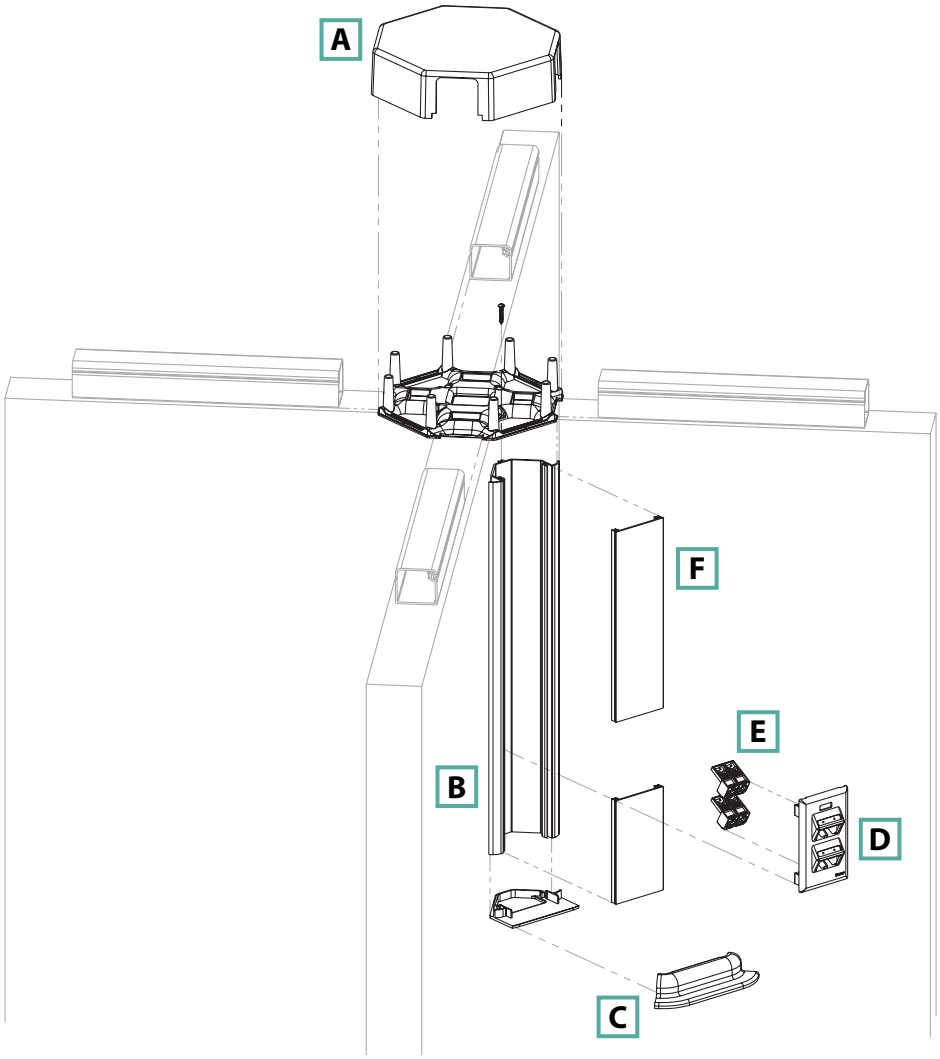


V **OF70FH4** – Horizontal Sloped Communication Snap-on Faceplate** (page C2.9)

Office Furniture Configurations

Exploded view 1

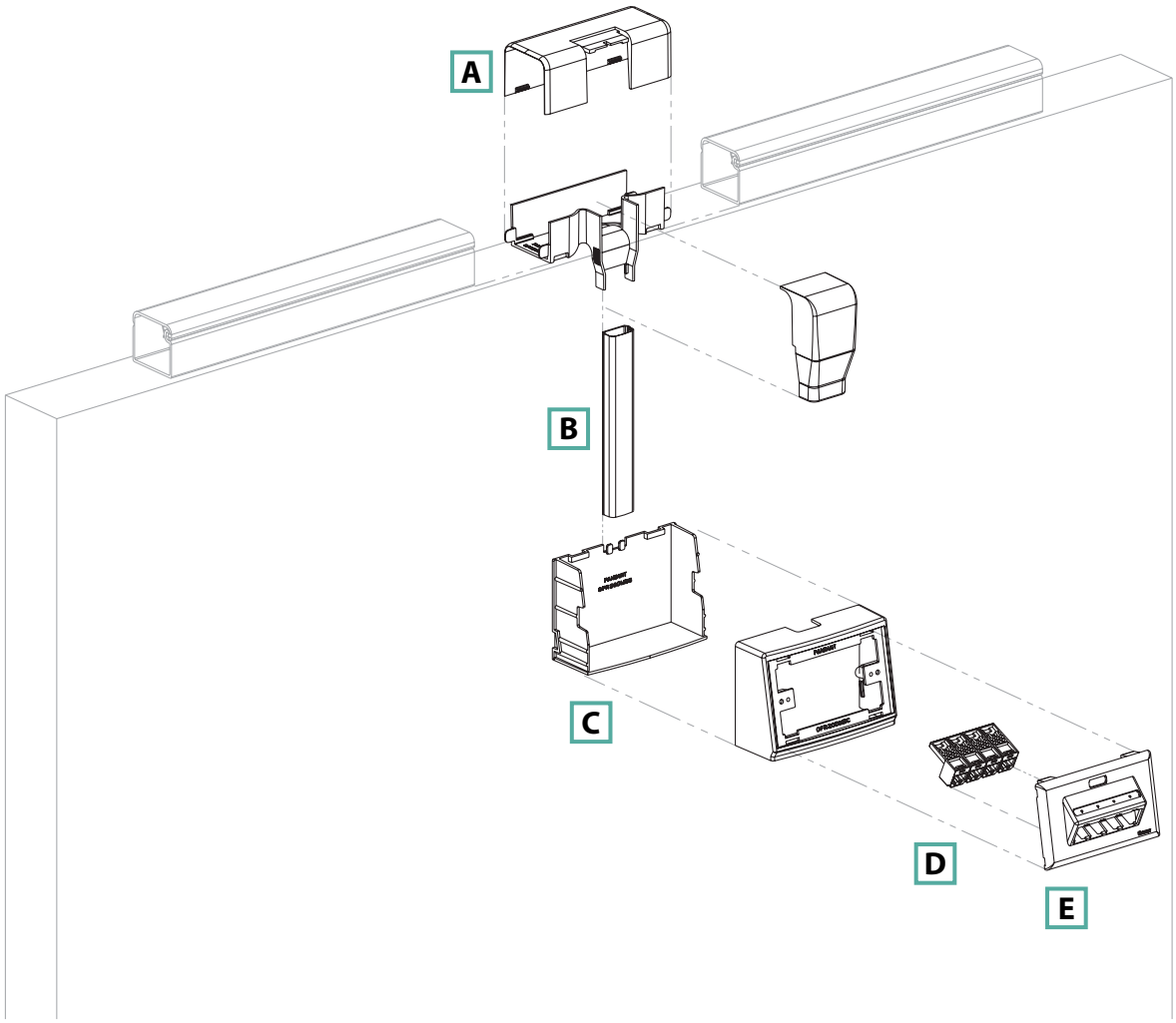
	Components Required	See page
A.	OFR20OFCR70**4 = Four Cubicle Drop Fitting.	C2.7
B.	OFCR70**6 = Corner Raceway Base.	C2.6
C.	OFCR70EC = Corner Raceway End Cap Fitting.	C2.7
D.	OF70FV4 = Vertical Sloped Communication Snap-On Faceplate.	C2.8
E.	*PANDUIT® MINI-COM®* Modules.	—
F.	OFCRC70**6 = Corner Raceway Cover.	C2.6



Office Furniture Configurations (continued)

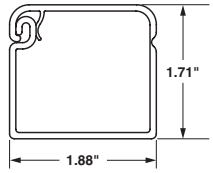
Exploded view 2

	Components Required	See page
A.	OFR20SO** = Spill Over Fitting.	C2.7
B.	OFVR5**6 = Vertical Raceway.	C2.6
C.	OFR20DMB = Desk Mount Box.	C2.7
D.	*PANDUIT® MINI-COM®* Modules.3	—
E.	OF70FH4** = Horizontal Sloped Communication Snap-On Faceplate.	C2.8



PAN-WAY® Office Furniture Raceway System

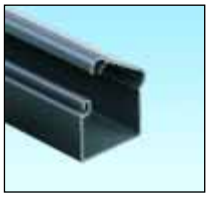
- UL listed in accordance with UL-5C requirements for Class 2 Communication Cable Management Systems
- Maintains bend radius control throughout the entire Office Furniture Raceway system as required by TIA/EIA-568-B and 569-B
- Faceplates are compliant with the labeling requirements of the TIA/EIA-606-A standard
- Robust design and tamper resistant closure increases product stability and prevents damage to cabling during and after installation
- Product supplied with adhesive backing for fast and easy installation
- Creates a virtually invisible solution for routing data cables on panels from all common manufacturers with a top cap width between 1.88" and 2.30"
- Designed for use with *PAN-NET®* Connectivity, also accepts all common manufacturers' connectivity with use of a NEMA standard 70mm faceplate or module frame

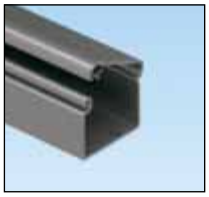


OFFICE FURNITURE RACEWAY
Internal Area = 2.31 Sq. In.

Office Beige (OB)

Office Gray (OG)


Office Slate (OS)


Medium Tone (MT)

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Pkg. Qty.	Std. Ctn. Qty.
OFR20OB6	Office Furniture Raceway. One piece single channel low voltage raceway with adhesive tape backing for data cable routing along top of modular furniture partitions. Available in 6' lengths.	1.88" x 1.71"	Office Beige	6	6	48

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray) or MT (Medium Tone). Order number of feet required in multiples of standard carton quantity.

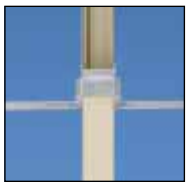
PAN-WAY® Office Furniture Raceway Fittings

- Office Furniture Raceway fittings have been designed to maintain the TIA/EIA required 1" minimum bend radius for high performance copper and fiber optic cabling systems

OFCR70

OFCRC70

OFVR5


OFR20CP

Part Number	Part Description	Labels Required	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
OFCR70OB6	Office Furniture Corner Raceway Base. Used to terminate low voltage data cabling in the corner at the intersection of modular office furniture panels. Accepts 70mm standard faceplates. Available in 6' lengths.	—	Office Beige	6	48
OFCRC70OB6	Office Furniture Corner Raceway Cover. Available in 6' lengths.	—	Office Beige	6	48
OFVR5OB6	Office Furniture Vertical Raceway. One piece single channel raceway used to connect OFR20**6 to desk mount box (OFR20DMB**) and must be used with OFR20SO** or OFR20DSO**. Available in 6' lengths.	—	Office Beige	6	120
OFR20CPOB8	Communication Pole. Allows for data cable entry into Office Furniture Raceway from suspended ceiling. 8' pole allows maximum 7' distance from top of furniture partition to ceiling. Must be used with OFR20MPT**. **NOTE:** Not intended for use at intersection of furniture panels.	—	Office Beige	1	—

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray) or MT (Medium Tone).
**Computer printable labels found on pages E2.1 – E2.30.

PAN-WAY® Office Furniture Raceway Fittings (continued)

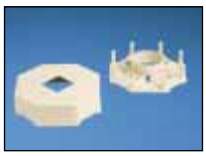
OFR20OFCR70**4

OFR20OFCR70**2

OFR20OFCR70**1

OFR20OFCR70**1P

OFR20OFCR70**2P


OFR20OFCR70**4P

Part Number	Part Description	Labels Required	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
OFR20OFCR70OB4	Four Cubicle Drop Fitting. Allows the transition from Office Furniture Raceway run horizontally along partition wall to Office Furniture Corner Raceway mounted vertically in four cubicles at the intersection of partitions. Fitting maintains 1" minimum bend radius of cabling. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20OFCR70OB2	Two Cubicle Drop Fitting. Allows the transition from Office Furniture Raceway run horizontally along partition wall to Office Furniture Corner Raceway mounted vertically in two cubicles at the intersection of partitions. Fitting maintains 1" minimum bend radius of cabling. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20OFCR70OB1	One Cubicle Drop Fitting. Allows the transition from Office Furniture Raceway run horizontally along partition wall to Office Furniture Corner Raceway mounted vertically in one cubicle at the intersection of partitions. Fitting maintains 1" minimum bend radius of cabling. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20OFCR70OB1P	One Cubicle Drop Bypass Fitting. Allows the transition from Office Furniture Raceway run horizontally along partition wall, around existing furniture pole, to Office Furniture Corner Raceway mounted vertically in one cubicle at the intersection of partitions. Fitting maintains 1" minimum bend radius of cabling. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20OFCR70OB2P	Two Cubicle Drop Bypass Fitting. Allows the transition from Office Furniture Raceway run horizontally along partition wall, around existing furniture pole, to Office Furniture Corner Raceway mounted vertically in two cubicles at the intersection of partitions. Fitting maintains 1" minimum bend radius of cabling. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20OFCR70OB4P	Four Cubicle Drop Bypass Fitting. Allows the transition from Office Furniture Raceway run horizontally along partition wall, around existing furniture pole, to Office Furniture Corner Raceway mounted vertically in four cubicles at the intersection of partitions. Fitting maintains 1" minimum bend radius of cabling. Supplied with adhesive tape.	—	Office Beige	1	10

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray) or MT (Medium Tone).
**Computer printable labels found on pages E2.1 – E2.30.

PAN-WAY® Office Furniture Raceway Fittings (continued)

OFRCR70EC

OFR20SO

OFR20DSO

OFR20DMB

OFR20MPT

OFR20WE

OFR20RA

OFR20T

OFR20CR

OFR20IC

OFR20OC

OFR20CC

Part Number	Part Description	Labels Required	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
OFCR70ECOB	Corner Raceway End Cap Fitting. Opening allows cord passage through fitting such as monitor and keyboard cables. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20SOOB	Spill-Over Fitting. Allows transition from Office Furniture Raceway run horizontally along partition wall to Office Furniture Vertical Raceway in one location. Adjustable fitting maintains 1" minimum bend radius of cabling and works with various panel widths between 1.88" – 2.30". Supplied with adhesive tape.	—	Office Beige	1	10
OFR20DSOOB	Double Spill-Over Fitting. Fitting is used to spill over both sides of the furniture partitions at the same location. Incorporates a built-in, yet removable end cap that eliminates the need for additional raceway and fittings to terminate the pathway.	—	Office Beige	1	10
OFR20DMBOB	Desk Mount Box. Box accepts Office Furniture Snap-On Faceplates as well as 70mm NEMA standard screw-on faceplates. Designed for use with OFVR5**6 raceway and OFR20SO**, OFR20DSO** spill-over fittings. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20MPTOB	Mid-panel Tee Fitting. Used to connect communication pole to Office Furniture Raceway run horizontally along partition wall. Supplied with adhesive tape. **NOTE:** Not intended for use at intersection of furniture panels.	—	Office Beige	1	10
OFR20WEOB	Wall Entrance Fitting. Allows entry from wall to Office Furniture Raceway run horizontally along partition walls. Fitting includes bend radius protection and trim plate to cover wall opening. Requires minimum wall opening of 4.5"W x 3.0"H. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20RAOB	Right Angle Fitting. Used to join sections of Office Furniture Raceway at 90° flat junction. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20TOB	Tee Fitting. Used to create an undivided tee junction between sections of Office Furniture Raceway. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20CROB	Cross Fitting. Used to join sections of Office Furniture Raceway at four corners. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20ICOB	Inside Corner Fitting. Used to join sections of Office Furniture Raceway at inside corner. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20OCOB	Outside Corner Fitting. Used to join sections of Office Furniture Raceway at outside corner. Supplied with adhesive tape.	—	Office Beige	1	10
OFR20CCOB-X	Coupler Fitting. For use with Office Furniture Raceway.	—	Office Beige	10	100

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray) or MT (Medium Tone).
**Computer printable labels found on pages E2.1 – E2.30.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-WAY® Office Furniture Raceway Fittings (continued)

OFR20LC

OFR20EC

OF70FH2

OF70FV2

OF70FH4

OF70FV4

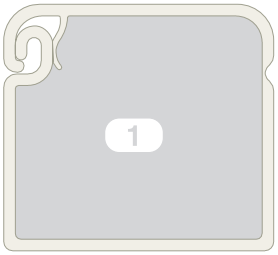
T70SDB-X

Part Number	Part Description	Labels Required	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
OFR20LCOB	Long Coupler Fitting. Used to bridge Office Furniture Raceway between panel sections. Can also be used to fill void left by Spill-Over Fitting, when furniture partitions are reconfigured.	—	Office Beige	1	10
OFR20ECOB	End Cap Fitting. Used to terminate Office Furniture Raceway. Supplied with adhesive tape.	—	Office Beige	1	10
OF70FH2OB	Snap-On Single Gang Horizontal Sloped Communication Faceplate. Accepts up to two *PANDUIT® MINI-COM®* modules (not included). No additional mounting hardware required. TIA/EIA-606-A compliant.	1-One Port 1-Two Port	Office Beige	1	10
OF70FV2OB	Snap-On Single Gang Vertical Sloped Communication Faceplate. Accepts up to two *PANDUIT® MINI-COM®* modules (not included). No additional mounting hardware required. TIA/EIA-606-A compliant.	1-One Port 1-Two Port	Office Beige	1	10
OF70FH4OB	Snap-On Single Gang Horizontal Sloped Communication Faceplate. Accepts up to four *PANDUIT® MINI-COM®* modules (not included). No additional mounting hardware required. TIA/EIA-606-A compliant.	1-One Port 1-Four Port	Office Beige	1	10
OF70FV4OB	Snap-On Single Gang Vertical Sloped Communication Faceplate. Accepts up to four *PANDUIT® MINI-COM®* modules (not included). No additional mounting hardware required. TIA/EIA-606-A compliant.	1-One Port 2-Two Port	Office Beige	1	10
T70SDB-X	Standard Faceplate Bracket. Used to mount NEMA standard 70mm single gang screw-on faceplates.	—	Gray	10	—

‡For other colors, replace OB (Office Beige) with OS (Office Slate), OG (Office Gray) or MT (Medium Tone).
**Computer printable labels found on pages E2.1 – E2.30.

Cable Fill Capacities for Office Furniture Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.



A = 2.31 in²

Cable fill #1: Open Channel without Devices

SPEC = 40% cable fill – The recommended design in cable capacity, leaves room for future moves, adds and changes.

MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

MAX for Power cable fill – The maximum of electrical cables based on UL temperature rise test.

	Raceway Type & Configuration	Fill Area (in²)	Data Grade Cable 24 AWG/UTP CM Cat 5e (4pr) DIA. = .217 FILL		Data Grade Cable 24 AWG/UTP CM Cat 6 (4pr) DIA. = .250 FILL		Audio/Video Cable RG6 DIA. = .275 FILL		Fiber Optic Cable 2 Strand DIA. = .175 FILL	
			SPEC (40%)	MAX (60%)	SPEC (40%)	MAX (60%)	SPEC (40%)	MAX (60%)	SPEC (40%)	MAX (60%)
1.	OFR20: No Devices.	2.30	24	37	18	28	15	23	38	57

PAN-WAY® COVE RACEWAY

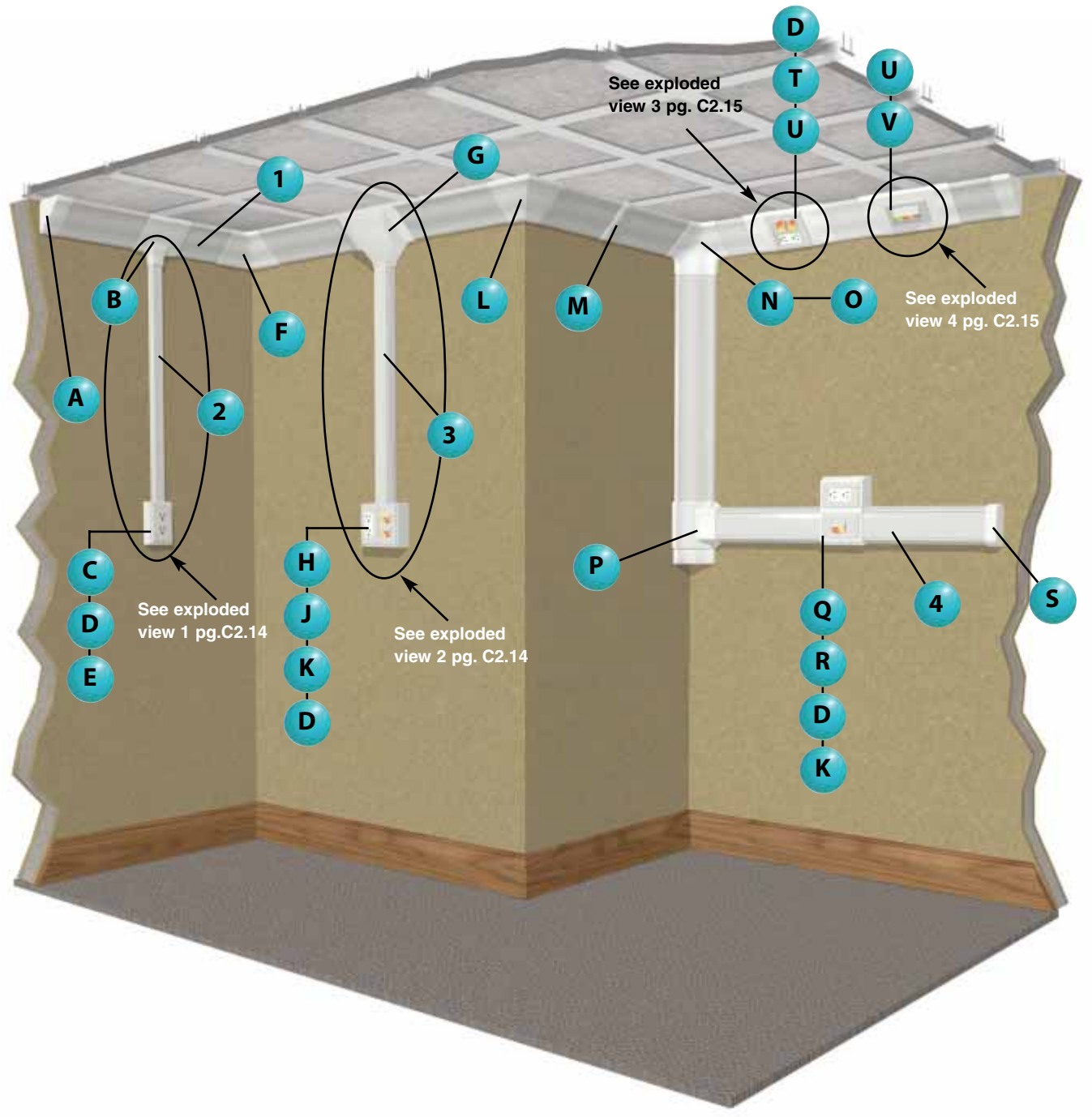
PAN-WAY® Cove Raceway is a full line of NEC and TIA/EIA compliant raceway, which has the appearance of architectural molding; that allows you to route, conceal, protect and terminate copper, voice, video, fiber optic or power cabling. This offering adds elegance to any room or work area by softening the horizontal angles between the wall and ceiling or the vertical angles between two walls.

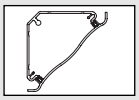
- **UL & CSA rated 600V**
- **Bend radius control is maintained throughout the entire system as required by TIA/EIA-568-B and 569-B**
- **Product mounts high out of reach for increased tamper resistance**
- **Divided channel system allows for routing and terminations of both power and data cabling**
- **Raceway and fitting covers may be painted to match any décor**

PAN-WAY® Cove Raceway includes a full complement of fittings and transitions easily to other *PANDUIT* raceway such as LD, LDPH, LD2P10, T-45 and T-70.

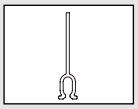
A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Cove Raceway Roadmap



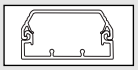


1 **WCM35BIW, WCM35CIW – Cove Raceway Base and Cover (page C2.16)**

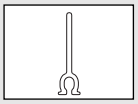


1 **WCM35DW – Cove Raceway Divider Wall (page C2.16)**

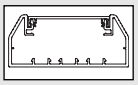
2 **LDPH10** – LDPH10 Raceway (page C2.77)**



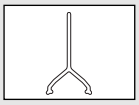
3 **T45B**, T45C** – T-45 Raceway Base and Cover (page C2.48)**



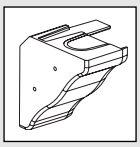
3 **T45DW – T-45 Raceway Divider Wall (page C2.48)**



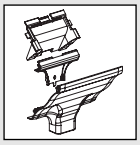
4 **T70B**, T70C** – T-70 Raceway Base and Cover (page C2.36)**



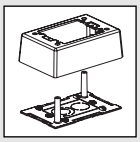
4 **T70DW – T-70 Raceway Divider Wall (page C2.36)**



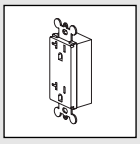
A **WCM35ECIW – Cove Raceway End Cap (page C2.17)**



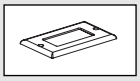
B **WCM35TR10IW – Cove Raceway Low Profile Transition Fitting for LD/LDPH10 Raceway (page C2.17)**



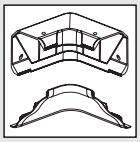
C **JBP1** – Power Rated Single Gang Two-Piece Box (page C2.58)**



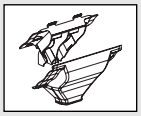
D **ERU20** – 20A Rectangular Outlet (page C2.60)**



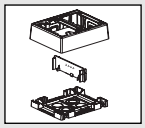
E **CPG** – Single Gang Rectangular Electrical/Communication Screw-On Faceplate (page C2.59)**



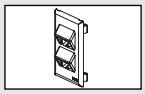
F **WCM35ICIW – Cove Raceway Inside Corner Fitting (page C2.17)**



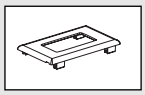
G **WCM35TRIW – Cove Raceway Transition Fitting for T-45 and LD Series Raceways (page C2.17)**



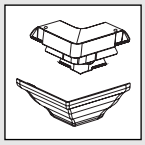
H **JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box (page C2.52)**



J **T70FV4** – Snap-On Vertical Sloped Communication Faceplate (page C2.52)**

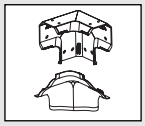


K **T70PG** – Single Gang Rectangular Electrical/Communication Snap-On Faceplate (page C2.54)**

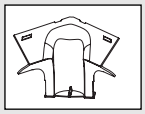


L **WCM35OCIW – Cove Raceway Outside Corner Fitting (page C2)**

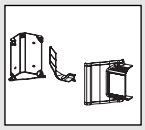
M **WCM35CCIW – Cove Raceway Cover Coupler Fitting (page C2.17)**



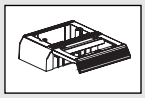
N **WCM35TIW – Cove Raceway Tee Fitting (page C2.17)**



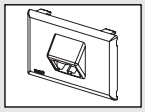
O **WCM35TI – Cove Raceway Tee Fitting Insert (page C2.17)**



P **WCM35TR70IW – Cove Raceway Low Profile Transition Fitting for T-70 Raceway (page C2.17)**

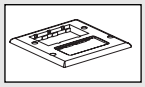


Q **T70WC2** – T-70 *WORKSTATION OUTLET CENTER*™ Offset Box for Snap-On Faceplates (page C2.37)**

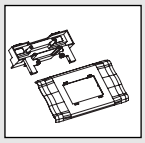


R **T70FH2** – Snap-On Horizontal Sloped Communication Faceplate (page C2.52)**

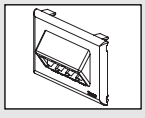
S **T70EC** – T70 Raceway End Cap Fitting (page C2.37)**



T **FP2RC – Double Gang Rectangular Electrical and Communication Faceplate (page C2.59)**



U **WCM35DBFIW – Cove Raceway Device Box and Faceplate Adapter (page C2.17)**

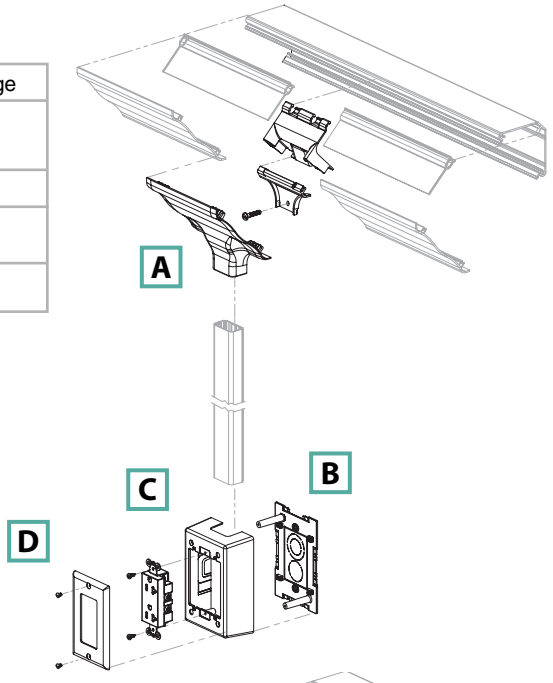


V **T70FH4** – Snap-On Horizontal Sloped Communication Faceplate (page C2.52)**

Cove Configurations

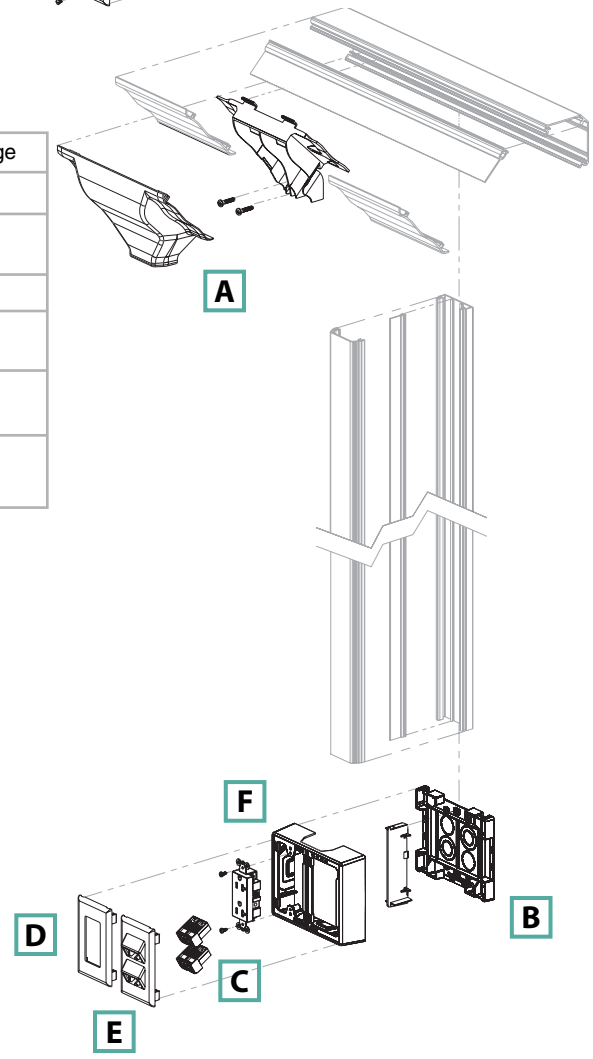
Exploded view 1

	Components Required	See page
A.	WCM35TR10 = Cove Raceway Low Profile Transition Fitting for LD/LDP10 Raceway.	C2.17
B.	JBP1 = Power Rated Single Gang Two-Piece Box.	C2.58
C.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
D.	CPG = Screw-On Single Gang Rectangular Faceplate.	C2.59



Exploded view 2

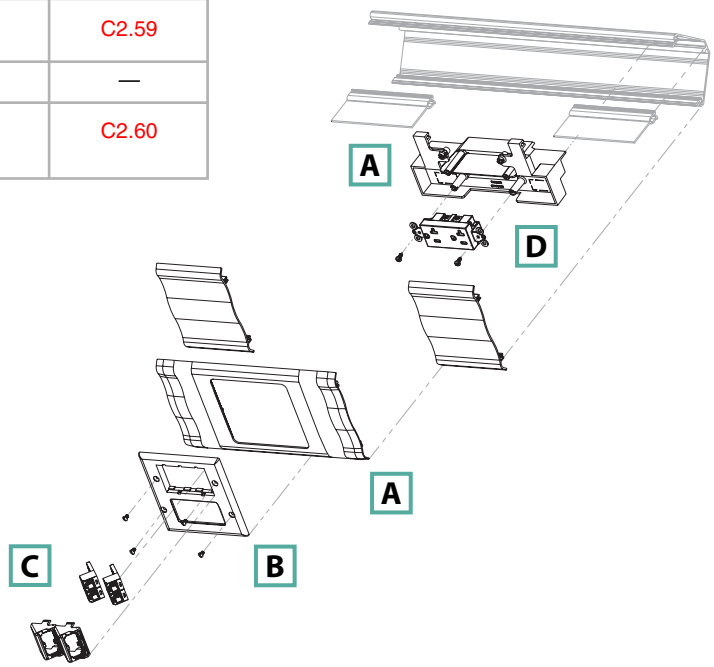
	Components Required	See page
A.	WCM35TR = Cove Raceway Transition Fitting.	C2.17
B.	JBP2FS = *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box.	C2.52
C.	*PANDUIT*® *MINI-COM*® Modules.	—
D.	T70PG = Single Gang Rectangular Electrical/Communication Snap-On Faceplate.	C2.54
E.	T70FV4 = Snap-On Vertical Sloped Communication Faceplate.	C2.52
F.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60



Cove Configurations (continued)

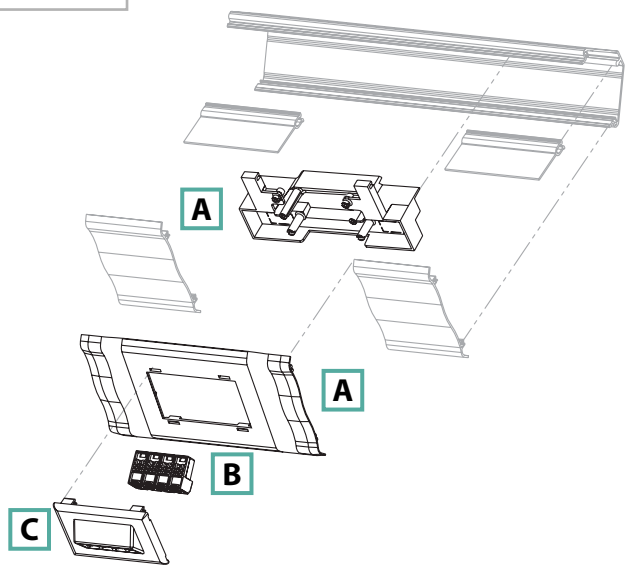
Exploded view 3

	Components Required	See page
A.	WCM35DBF = Cove Raceway Device Box and Faceplate Adapter.	C2.17
B.	FP2RC = *Pan-Way®* Classic Series Faceplates for Power and Communication.	C2.59
C.	*PANDUIT® Mini-Com®* Modules.	—
D.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60



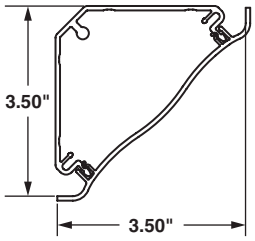
Exploded view 4

	Components Required	See page
A.	WCM35DBF = Cove Raceway Device Box and Faceplate Adapter.	C2.17
B.	*PANDUIT® Mini-Com®* Modules.	—
C.	T70FH4 = Snap-On Horizontal Sloped Communication Faceplate.	C2.52



PAN-WAY® Cove Raceway System

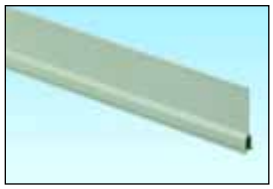
- UL and CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Bend radius control is maintained throughout the entire Cove Raceway System as required by TIA/EIA-568-B and 569-B
- Tamper resistant
- Transitions to *PANDUIT* T-70, T-45, and LD Profile Raceways
- Cove raceway and fittings may be painted to blend with any decor
- Supplied with pre-punched mounting holes



COVE RACEWAY
Internal Area = 5.40 Sq. In. (3484 Sq. mm)

WCM35BIW8

WCM35CIW8



WCM35DW8

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
Cove Raceway Base					
WCM35BIW8	Cove Raceway Base is available in 8' lengths and is used for mounting in the horizontal corner between the ceiling and wall or vertical corner between walls.	3.50" x 3.50"	Off White	8	64
Cove Raceway Cover					
WCM35CIW8	Cove Raceway Cover available in 8' lengths.	—	Off White	8	64
Cove Raceway Divider Wall					
WCM35DW8	Cove Raceway Divider Wall. Snaps onto rails in Cove Raceway Base to create separate channels. Must use wire retainers to ensure channel separation per UL/CSA. Available in 8' lengths.	—	Gray	8	64

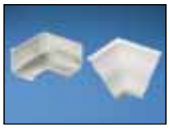
‡All parts available in IW (Off White) only except for WCM35DW8 which is available in Gray only.
Order number of feet required in multiples of standard carton quantity.
Order raceway base and cover separately.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-WAY® Cove Raceway Fittings

- Cove raceway fittings are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems

WCM35CCIW-X


WCM35ICIW

WCM35OCIW

WCM35TIW

WCM35TI

WCM35ECIW

WCM35TRIW

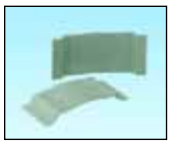
WCM35TR5IW

WCM35TR10IW

WCM35TR70IW

WCM35DBFIW

WCM35BFIW

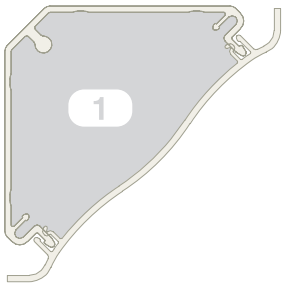

WCM35WR-X

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
WCM35CCIW-X	Cover Coupler Fittings. Used to join two pieces of Cove Raceway Cover together.	Off White	10	100
WCM35ICIW	Inside Corner Fitting. Used to join Cove Raceway at inside corners. Maintains a minimum 1" bend radius of cabling.	Off White	1	10
WCM35OCIW	Outside Corner Fitting. Used to join Cove Raceway at outside corners. Maintains a minimum 1" bend radius of cabling.	Off White	1	10
WCM35TIW	Tee Fitting. Used to join sections of Cove Raceway to form a "tee" junction. Maintains a minimum 1" bend radius of cabling.	Off White	1	10
WCM35TI	Tee Fitting Insert. Mounts inside Cove Raceway tee fitting to maintain channel separation at tee junctions. Maintains a minimum 1" bend radius of cabling.	Gray	1	10
WCM35ECIW	End Cap Fitting. Used to terminate or enter Cove Raceway. Includes breakouts for 1/2" and 3/4" conduit.	Off White	1	10
WCM35TRIW	Transition Fitting. Used to transition from Cove Raceway to *PAN-WAY*® T-45 Raceway or LD Series Raceways.	Off White	1	10
WCM35TR5IW	Low Profile Transition Fitting. Used to transition from Cove Raceway to LD/LDPH5.	Off White	1	10
WCM35TR10IW	Low Profile Transition Fitting. Used to transition from Cove Raceway to LD/LDPH10.	Off White	1	10
WCM35TR70IW	Low Profile Transition Fitting. Used to transition from Cove Raceway to T-70.	Off White	1	10
WCM35DBFIW	Device Box and Faceplate Adapter. Used in Cove Raceway to install single or double gang power and/or data devices in-line. Will accept snap-on or screw-on single gang faceplate or screw-on double gang faceplate. *NOTE:* Will accept GFCI or TVSS outlets in single gang configuration only.	Off White	1	10
WCM35BFIW	Backfeed Fitting. Inserts allow cable entry and exit through the back of the raceway and conduit. Breakouts include 1/2", 3/4" and 1" .	Off White	1	10
WCM35WR-X	Wire Retainer. Holds wires in place. Will not interfere with cover installation.	Gray	10	—

‡All parts available in IW (Off White) only except WCM35WR-X and WCM35TI which are available in Gray only.

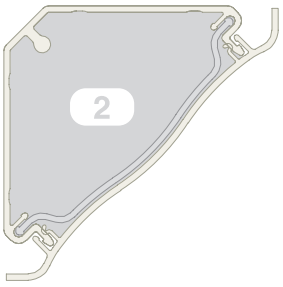
Cable Fill Capacities for Cove Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.



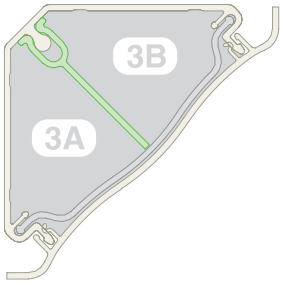
A = 5.4 in²

Cable fill #1: Open channel without Devices.



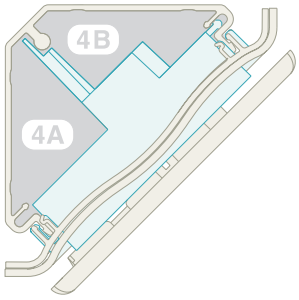
A = 5.0 in²

Cable fill #2: Open channel with Wire Retainer.



3A = 2.4 in² | 3B = 2.4 in²

Cable fill #3: Divided channel (power and data) with Wire Retainer and Divider Wall.



A = 1.6 in² | A = 1.4 in²

Cable fill #4: Divided Channel (power and data) with Device Box and Faceplate.

A = 1.8 in² | A = 2.4in²

Cable fill #5: Divided Channel (power and data) with Low Profile Transition Insert.

SPEC = 40% cable fill – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

MAX for Power cable fill – The maximum of electrical cables based on UL temperature rise test.

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		Audio/Video		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand	
			THHN/T90			Cat 5e (4pr)		Cat 6 (4pr)					
			.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .175	
			FILL			FILL		FILL		FILL		FILL	
			MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
			(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
1.	WCM35: No Devices.	5.4	50	40	30	58	87	44	66	29	43	89	134
2.	WCM35: Using Wire Retainer – No Devices.	5	50	40	30	54	81	41	61	26	40	83	124
3A.	WCM35: Power and data using Wire Retainer and Divider Wall.	2.4	—	—	—	25	38	19	28	13	19	39	58
3B.		2.4	30	25	20	—	—	—	—	13	19	22	—
4A.	WCM35: Power and data using DBF.	1.6	—	—	—	17	25	13	19	10	16	26	35
4B.		1.4	25	25	20	—	—	—	—	—	—	—	—
5A.	WCM35: Power and data using Low Profile Transition Insert.	1.8	25	25	20	19	29	14	22	12	18	29	44
5B.		2.5	—	—	—	25	38	19	28	13	19	39	58

PAN-WAY® TG-70 NON-METALLIC SURFACE RACEWAY

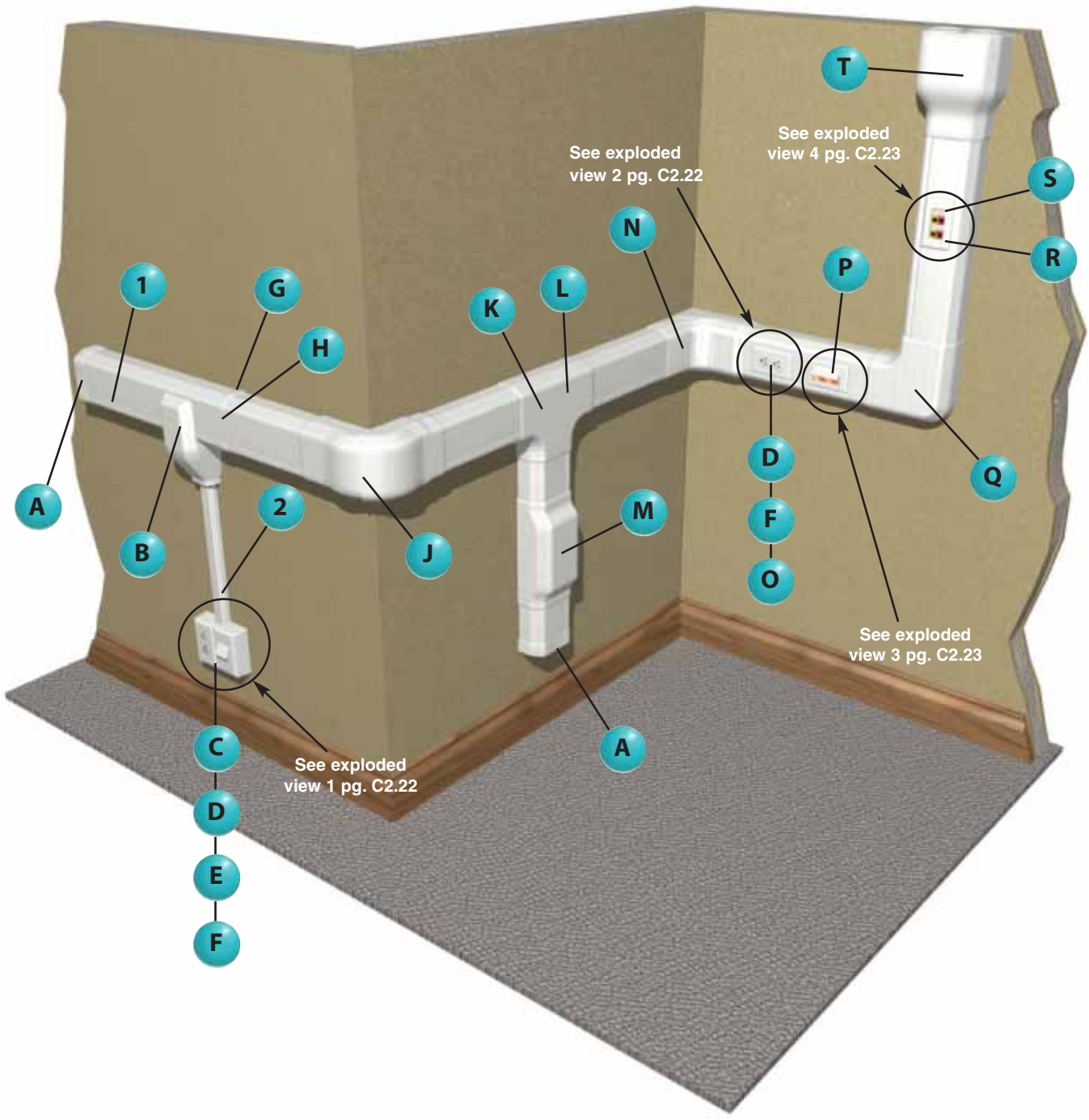
PAN-WAY® TG-70 Non-Metallic Surface Raceway is a multi-channel raceway, which provides a solution for routing copper, fiber optic and/or power cabling when maximum cable capacity is required.

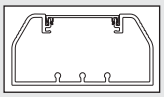
- Large raceway channel provides maximum capacity
- Fittings maintain (1.6") 40mm bend radius control
- Multi-channel two-piece design
- Aesthetically pleasing
- Lightweight
- Tamper resistant

The TG-70 Raceway System consists of raceway base and cover, fittings, termination hardware and accessories. PAN-WAY® TG-70 Raceway can mount NEMA standard screw-on faceplates or superior PAN-WAY® Snap-On Faceplates directly to the channel. Fittings for TG-70 are available to transition to PAN-WAY® T-45 and LD Raceway.

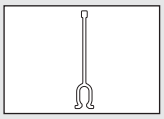
A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

TG-70 Raceway Roadmap

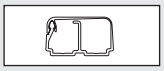




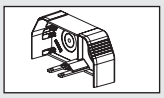
1 **TG-70** – TG-70 Raceway Base and Cover (page C2.24)**



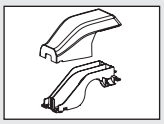
1 **TGDW – TG-70 Raceway Divider Wall (page C2.24)**



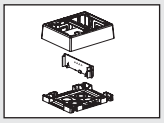
2 **LD2P10** – Raceway (page C2.75)**



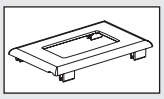
A **TGEC** – TG-70 End Cap (page C2.75)**



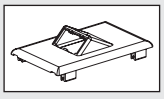
B **TGTR** – TG-70 Transition Fitting (page C2.25)**



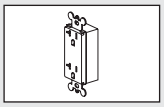
C **JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Box (page C2.52)**



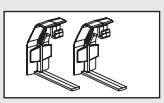
D **T70PG** – Single Gang Rectangular Electrical/ Communication Snap-On Faceplate (page C2.54)**



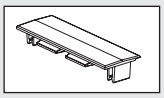
E **T70FV2** – Snap-On Vertical Sloped Communication Faceplate (page C2.52)**



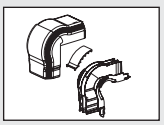
F **ERU20** – 20A Rectangular Electrical Outlet (page C2.60)**



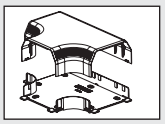
G **TG70BC** – TG-70 Base Couplers (page C2.25)**



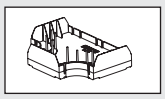
H **T70CC** – T-70 Cover Couplers (page C2.25)**



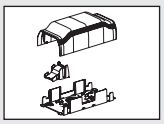
J **TGOC** – TG-70 Outside Corner Fitting (page C2.25)**



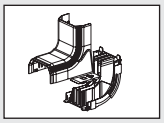
K **TGT** – TG-70 Tee Fitting (page C2.25)**



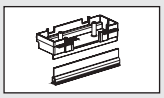
L **TGTD – TG Tee Divider (page C2.25)**



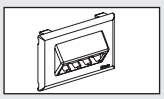
M **TGBF** – TG-70 Backfeed Fitting (page C2.25)**



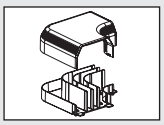
N **TGIC** – TG-70 Inside Corner Fitting (page C2.25)**



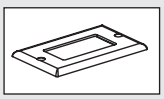
O **TG70HB3-X – TG-70 Hanging Box with Divider Wall (page C2.26)**



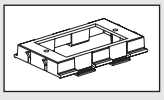
P **T70FH4** – Snap-On Horizontal Sloped Communication Faceplate (page C2.52)**



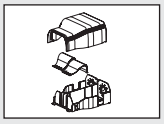
Q **TGRA** – TG-70 Right Angle Fitting (page C2.25)**



R **CPG** – Single Gang Rectangular Power and Communication Faceplate (page C2.59)**



S **T70DB-X – T-70 Device Bracket (page C2.26)**

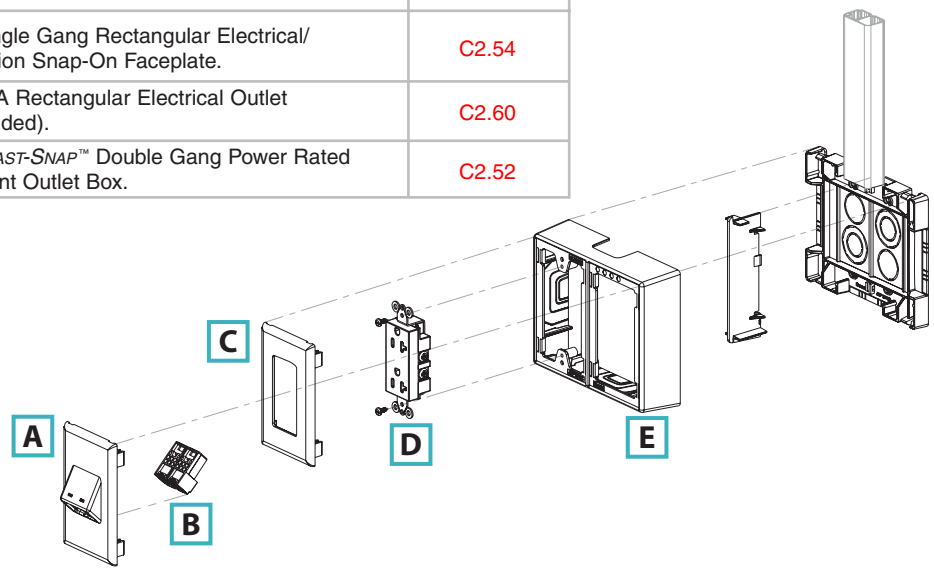


T **TGEE** – TG-70 Entrance End Fitting (page C2.25)**

TG-70 Configurations

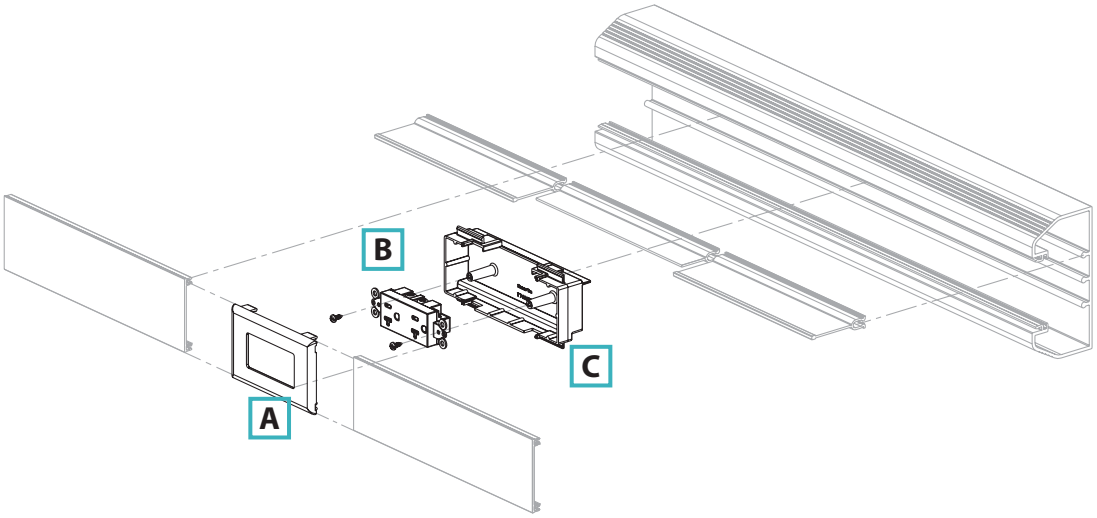
Exploded view 1

	Components Required	See page
A.	T70FV2 = Vertical Sloped Communication Snap-On Faceplate.	C2.52
B.	*PANDUIT*® *MINI-COM*® Modules.	—
C.	T70PG = Single Gang Rectangular Electrical/ Communication Snap-On Faceplate.	C2.54
D.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
E.	JBP2FS = *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box.	C2.52



Exploded view 2

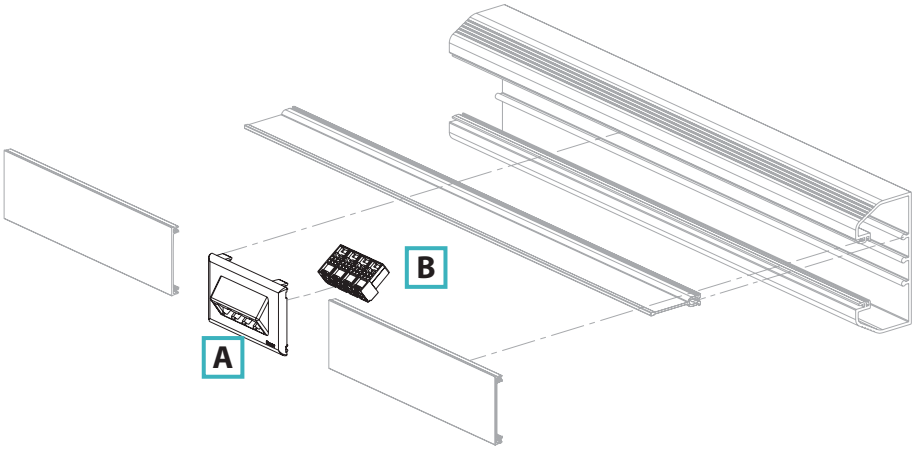
	Components Required	See page
A.	T70PG = Single Gang Rectangular Electrical Communication Faceplate.	C2.54
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	TG70HB3 = TG-70 Three-Sided Hanging Box.	C2.26



TG-70 Configurations (continued)

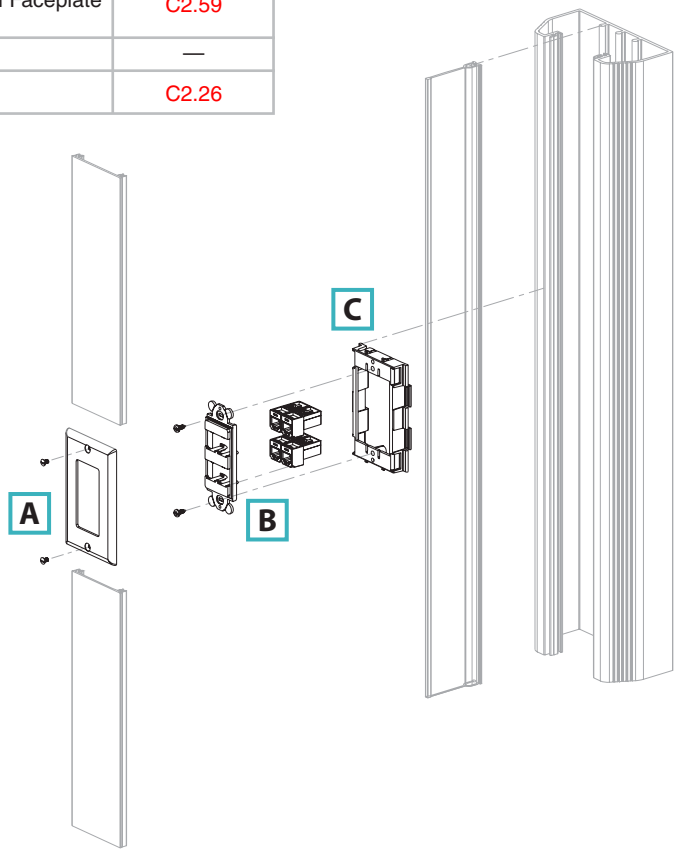
Exploded view 3

	Components Required	See page
A.	T70FH4 = Snap-On Horizontal Sloped Communication Faceplate.	C2.52
B.	*PANDUIT® MINI-COM®* Modules.	—



Exploded view 4

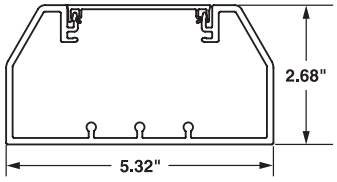
	Components Required	See page
A.	CPG = Single Gang Rectangular Screw-On Faceplate (screws included).	C2.59
B.	*PANDUIT® MINI-COM®* Modules.	—
C.	T70DB = T70 Device Bracket.	C2.26



A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

PAN-WAY® TG-70 Surface Raceway System

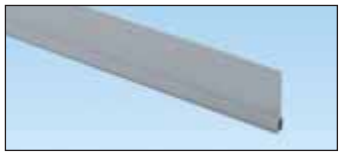
- UL & CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Large cable capacity with aesthetically pleasing design
- Tamper resistant
- Compatible with NEMA standard faceplates or *PAN-WAY*® Classic Series Snap-On Faceplates
- Transitions to *PANDUIT* T-45 and LD Profile Raceway
- Supplied with pre-punched mounting holes



TG-70
Internal Area = 10.85 Sq. In.

TG70

T70C



TGDW

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
TG-70 Raceway Base and Cover – PACKAGED TOGETHER					
TG70IW8	TG-70 Raceway Base and Cover in 8' and 10' lengths. Supplied with pre-punched mounting holes.	5.32" x 2.68"	Off White	8	32
TG70IW10				10	40
T-70/TG-70/Twin-70 Raceway Cover					
T70CIW8	T-70, TG-70, or Twin-70 Raceway Cover in 8' and 10' lengths.	—	Off White	8	96
T70CIW10				10	120
TG Raceway Divider Wall					
TGDW8	TG Raceway Divider Wall. Snaps onto rails in TG Raceway Base to create separate channels. Must use wire retainers to ensure channel separation per UL/CSA. Available in 8' and 10' lengths.	—	Gray	8	64
TGDW10				10	80

‡For other colors replace IW (Off White) with EI (Electric Ivory).
Order number of feet required in multiples of standard carton quantity.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-WAY® TG-70 Raceway Fittings

- TG-70 fittings are designed to exceed the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems

T70CC

TG70BC

TGRA

TGIC

TGSIC

TGOC

TGSOC

TGT

TGTD

TGEC

TGEE

TGTR

TGBF

TGBFI

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70CCIW-X	Cover Coupler Fitting. Used to join sections of cover together.	Off White	10	100
TG70BCIW-X	Base Coupler Fitting. Each piece includes two base coupler halves for joining sections of TG-70 Base together.	Off White	10	—
TGRAIW	Right Angle Fitting. Used to join sections of TG Raceway at 90° flat junctions.	Off White	1	10
TGICIW	Inside Corner Fitting. Used to join sections of TG Raceway at inside corners. Fittings adjust from 85° to 135° to adapt to non-square corners.	Off White	1	—
TGSICIW	Inside Corner Fitting – Non-adjustable. Used to join sections of TG Raceway at inside corners.	Off White	1	10
TGOCIW	Outside Corner Fitting. Used to join sections of TG Raceway at outside corners. Fittings adjust from 85° to 135° to adapt to non-square corners.	Off White	1	—
TGSOCIW	Outside Corner Fitting – Non-adjustable. Used to join sections of TG Raceway at outside corners.	Off White	1	10
TGTIW	Tee Fitting. Used to join sections of TG Raceway at tee intersections.	Off White	1	5
TGTD	Tee Divider Insert. Mounts inside TGT Tee Fitting to maintain channel separation in TG Raceway at tee intersections.	Gray	1	5
TGECIW	End Cap. Used to terminate or allow entry to TG Raceway. Two knockouts each for ½" (16mm) and 1" (27mm) conduit.	Off White	1	10
TGEEIW	Entrance End Fitting. Accepts large conduit, (up to 2") in line ***or*** at a right angle. Maintains a 40mm bend radius with a removable insert and channel separation.	Off White	1	10
TGTRIW	Transition Fitting from TG to T-45. Provides a tee transition from TG Raceway to T-45 and LD series size 5 and 10. Use with RF5X3 Reducer Fitting to transition to LD series size 3.	Off White	1	10
TGBFIW	Backfeed Fitting. Features breakouts to enter through the bottom of the fitting and maintains bend radius control with a removable, bend radius insert and channel separation.	Off White	1	10
TGBFI	Backfeed Fitting Insert. Removable and maintains bend radius control.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory).

PAN-WAY® TG-70 Raceway Accessories

- TG-70 accessories consist of device mounting brackets, standard faceplate brackets for data, wire retainers, and fiber spool brackets. The three-sided hanging box is used to mount NEMA standard single gang outlet and communications devices

T70DB-X

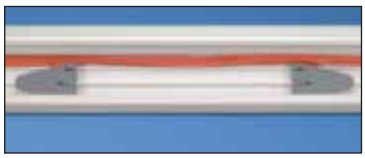
T70SDB-X

TG70HB3-X

TG70HB3GFCI-X

TG70WR-X

TGFSB



TGFSB installed in TG-70 Raceway

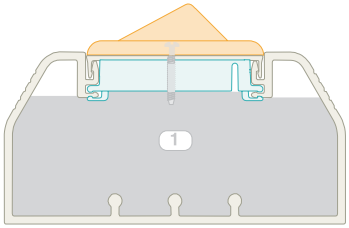
Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
T70DB-X	Device Mounting Bracket. Used to mount NEMA standard single gang electrical outlets and communication devices with either screw-on or snap-on single gang faceplates. Can be used with T-70, Twin-70, and TG-70 Raceways.	Gray	10	—
T70SDB-X	Standard Faceplate Bracket. Used to mount NEMA standard 70mm single gang screw-on faceplates.	Gray	10	—
TG70HB3-X	Three-sided Hanging Box. Mounts standard electrical outlets or communication devices with either NEMA standard single gang screw-on or *PANDUIT* Snap-on Faceplates. When used with TGDW Divider Wall, box separates and fully encloses device to provide cabling separation.	Gray	10	—
TG70HB3GFCI-X	GFCI Three-Sided Hanging Box. Accepts single gang U.S. GFCI (ground fault circuit interrupter) standard electrical devices. Provides increased internal area for connections and excess wire.	Gray	10	—
TG70WR-X	Wire Retainer. Holds wires in place during installation.	Gray	10	100
TGFSB	Fiber Spool Bracket. Each piece consists of two halves that snap into base of TG Raceway. Provides method to contain one meter or more of fiber slack and acts as a strain relief while maintaining a minimum 32mm bend radius. Bracket separation can be adjusted to fit the length of slack required.	Gray	1	10

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

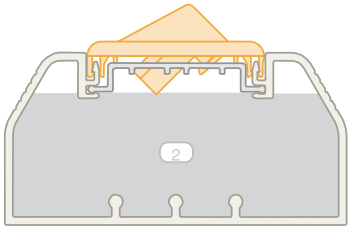
Cable Fill Capacities for TG-70 Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.



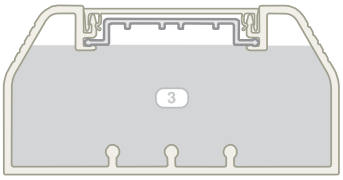
A = 10.09 in²

Cable fill #1: With Data only using Screw-On Faceplates and devices.



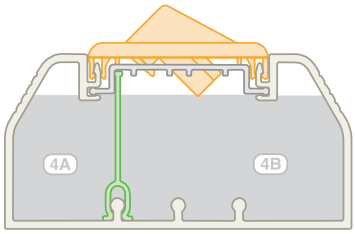
A = 10.68 in²

Cable fill #2: With Data only using Snap-On Faceplates and Wire Retainer.



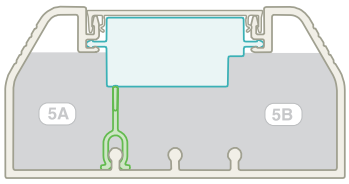
A = 10.85 in²

Cable fill #3: With Wire Retainer.



A = 3.16 in² **A = 7.20 in²**

Cable fill #4: Divided (see 5A and 5B for power and data applications).



A = 3.08 in² **A = 5.58 in²**

Cable fill #5: With Power and data using Snap-On Faceplates and 3-Sided Power Box.

SPEC = 40% cable fill – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

MAX for Power cable fill – The maximum number of electrical cables based on UL temperature rise test.

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		Audio/Video		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand	
			THHN/T90			Cat 5e (4pr)		Cat 6 (4pr)					
			.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .175	
			FILL			FILL		FILL		FILL		FILL	
			MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
			(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
1.	TG-70: Data only using Screw-On Faceplates and Devices.	10.09	—	—	—	92	138	82	123	53	80	164	247
2.	TG-70: Data only using Snap-On Faceplates and Wire Retainer.	10.68	—	—	—	97	146	87	130	56	85	174	261
3.	TG-70: Wire Retainer without devices.	10.85	40	40	38	99	148	88	132	57	86	177	265
4A.	TG-70: Divided power and data (A).	3.16	28	28	26	28	43	25	38	17	25	51	77
4B.	TG-70: Divided power and data (B).	7.2	—	—	—	65	98	58	88	38	57	117	176
5A.	TG-70: Power and data using Snap-On Faceplates and 3-Sided Power Box (A).	3.08	28	28	26	28	42	25	37	16	24	50	75
5B.	TG-70: Power and data using Snap-On Faceplates and 3-Sided Power Box (B).	5.58	—	—	—	51	76	45	68	30	44	91	136

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D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Notes

Pan-Way® T-70 & Twin-70 Non-Metallic Surface Raceway

Pan-Way® T-70 and Twin-70 Non-Metallic Surface Raceways are multi-channel raceways which provide solutions for routing copper, fiber optic and/or power cabling along fixed perimeter walls. T-70 features the *Workstation Outlet Center*™ Offset Box which provides an offset solution to maximize channel capacity and outlet density. Twin-70 offers two totally independent channels maintained throughout the system for independent access to power, copper and fiber optic cabling.

- **Aesthetically pleasing**
- **Lightweight**
- **Tamper resistant**
- **Fittings maintain 1" bend radius control**
- **T-70 utilizes a single channel with snap-in divider wall to provide multi-channel capability**
- **Twin-70 utilizes two independent channels and covers to provide multi-channel capability**

The T-70 and Twin-70 raceway systems consist of raceway base and cover, fittings, termination hardware and accessories. *Pan-Way*® T-70 and Twin-70 raceway can mount NEMA standard screw-on faceplates or superior *Pan-Way*® Snap-On Faceplates directly to the channel. Fittings for T-70 and Twin-70 are available to transition to T-70, Twin-70, T-45 and LD raceways.

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B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
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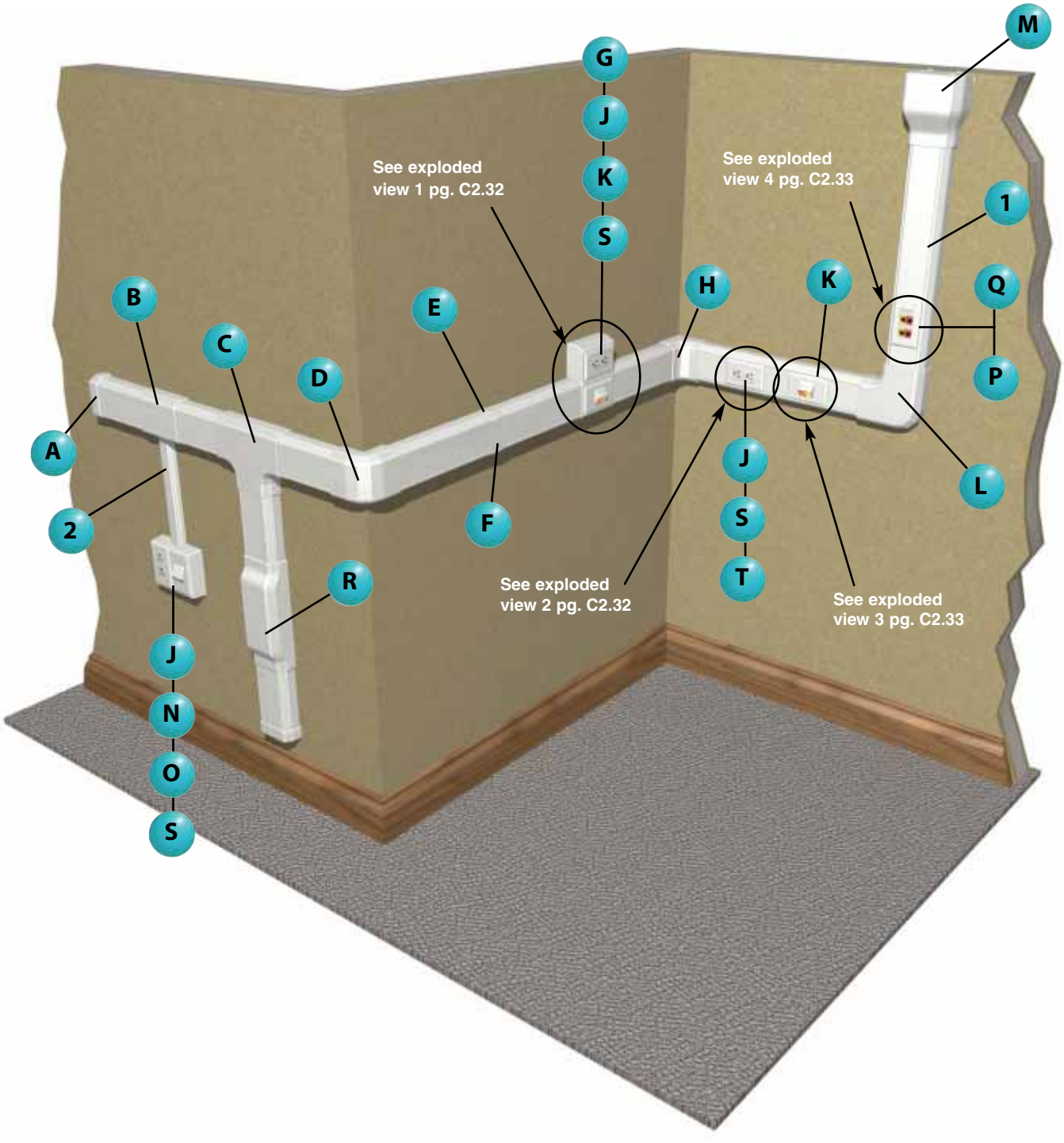
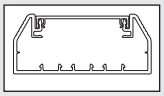
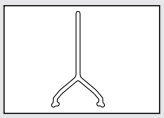
T-70 Raceway Roadmap

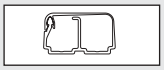




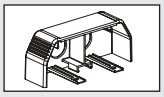
1 **T70B**, T70C** – T-70 Base and Cover (page C2.36)**



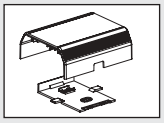
1 **T70DW – T-70 Divider Wall (page C2.36)**



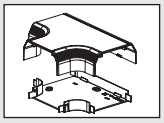
2 **LD2P10** – LD2P10 Raceway (page C2.75)**

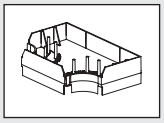


A **T70EC** – T-70 End Cap Fitting (page C2.37)**

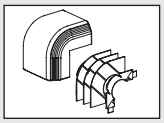


B **T70TR** – T-70 Transition Fitting (page C2.37)**

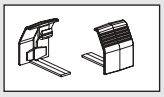




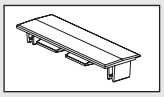
C **T70T** – T-70 Tee Fitting**
T70TD – T-70 Tee Divider (page C2.37)



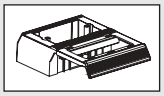
D **T70OC** – T-70 Outside Corner Fitting (page C2.37)**



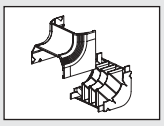
E **T70BC** – T-70 Base Coupler Fitting (page C2.36)**



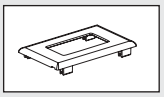
F **T70CC** – T-70 Cover Coupler Fitting (page C2.36)**



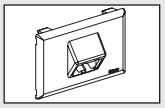
G **T70WC2** – T-70 *Workstation Outlet Center*™ Offset Box for Snap-On Faceplates (page C2.37)**



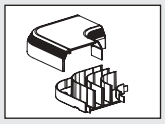
H **T70IC** – T-70 Inside Corner Fitting (page C2.36)**



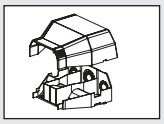
J **T70PG** – Single Gang Rectangular Electrical Communication Snap-On Faceplate (page C2.53)**



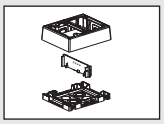
K **T70FH2** – Snap-On Horizontal Sloped Communication Faceplate (page C2.52)**



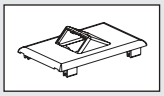
L **T70RA** – T-70 Right Angle Fitting (page C2.36)**



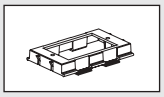
M **T70EE** – T-70 Entrance End Fitting (page C2.37)**



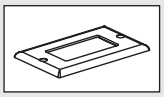
N **JBP2FS** – *Fast-Snap*™ Double Gang Power Rated Surface Mount Outlet Box (page C2.58)**



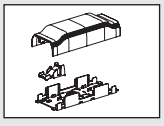
O **T70FV2** – Vertical Sloped Communication Snap-On Faceplate (page C2.53)**



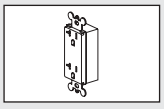
P **T70DB-X – T-70 Device Bracket (page C2.40)**



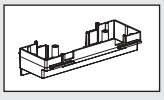
Q **CPG** – Single Gang Rectangular Screw-On Faceplate (page C2.55)**



R **T70BF** – T-70 Backfeed Fitting (page C2.37)**



S **ERU20** – 20A Rectangular Electrical Outlet (page C2.56)**

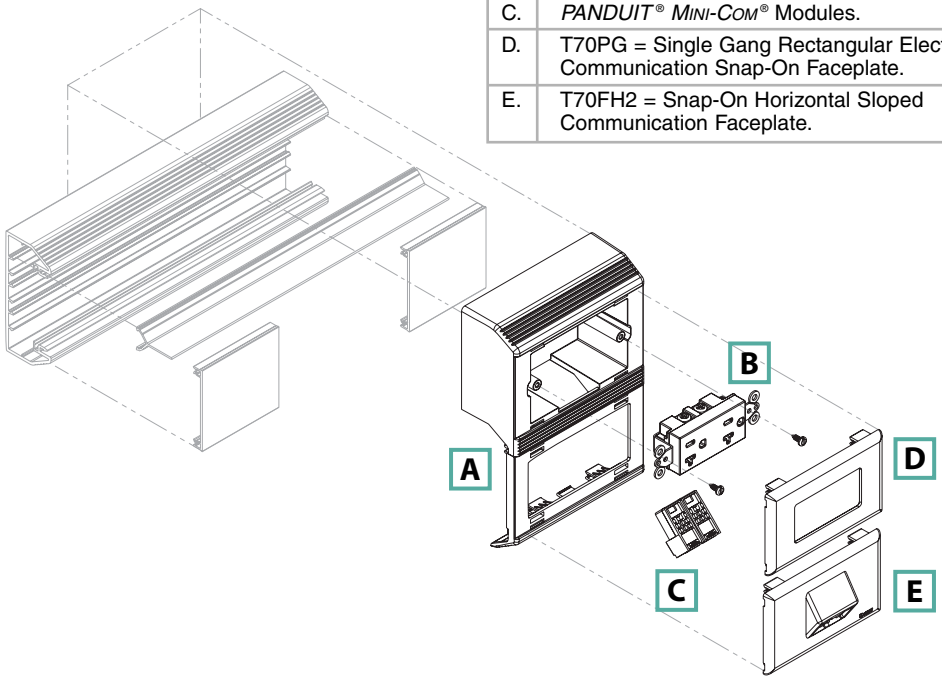


T **T70HB3-X – Three-Sided Hanging Box (page C2.40)**

T-70 Configurations

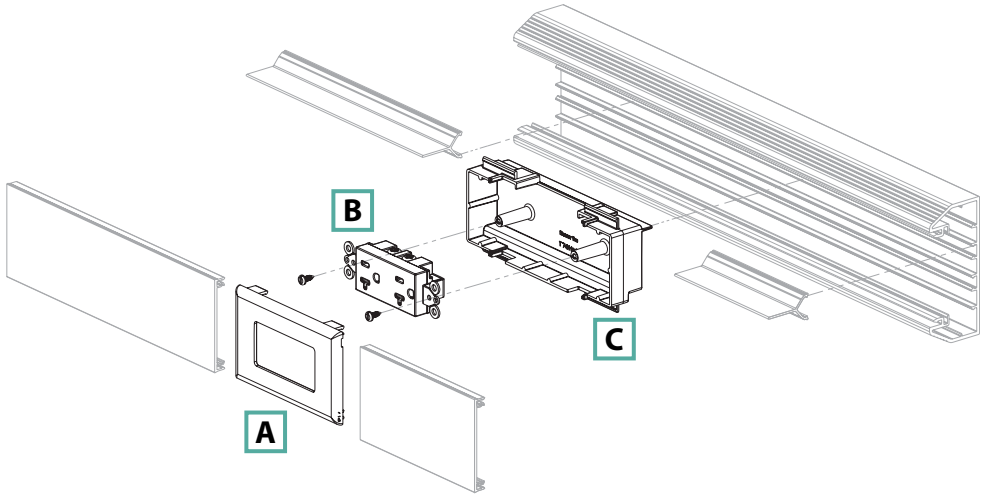
Exploded view 1

	Components Required	See page
A.	T70WC2 = T-70 *Workstation Outlet Center*™ Offset Box for Snap-On Faceplates.	C2.37
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	*PANDUIT*® *Mini-Com*® Modules.	—
D.	T70PG = Single Gang Rectangular Electrical/ Communication Snap-On Faceplate.	C2.53
E.	T70FH2 = Snap-On Horizontal Sloped Communication Faceplate.	C2.52



Exploded view 2

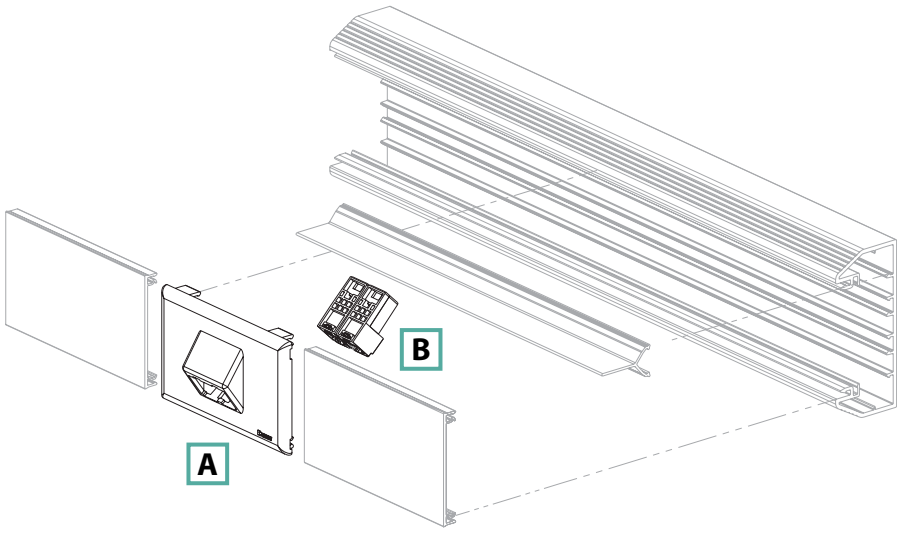
	Components Required	See page
A.	T70PG = Single Gang Rectangular Electrical/ Communication Snap-On Faceplate.	C2.53
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	T70HB3-X = Three-Sided Hanging Box.	C2.40



T-70 Configurations (continued)

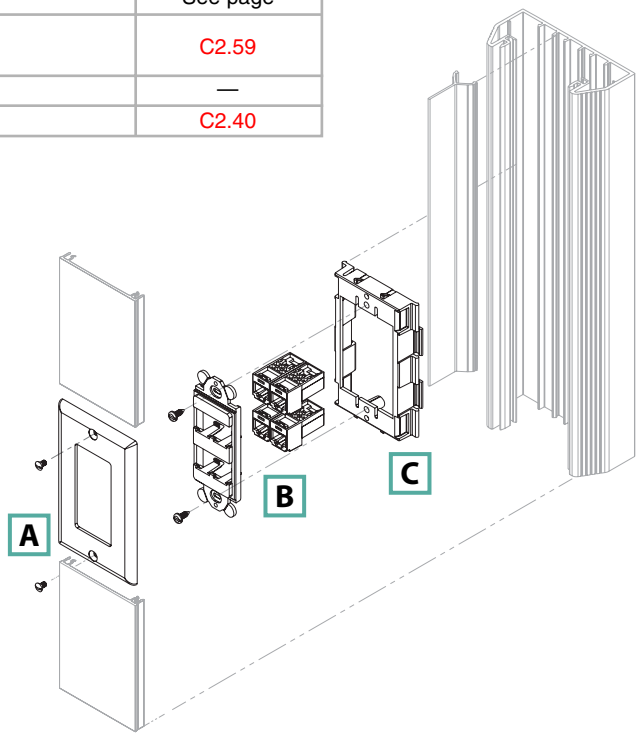
Exploded view 3

	Components Required	See page
A.	T70FH2 = Snap-On Horizontal Sloped Communication Faceplate.	C2.52
B.	*PANDUIT® MINI-COM®* Modules.	—



Exploded view 4

	Components Required	See page
A.	CPG = Single Gang Rectangular Screw-On Faceplates	C2.59
		—
		C2.40



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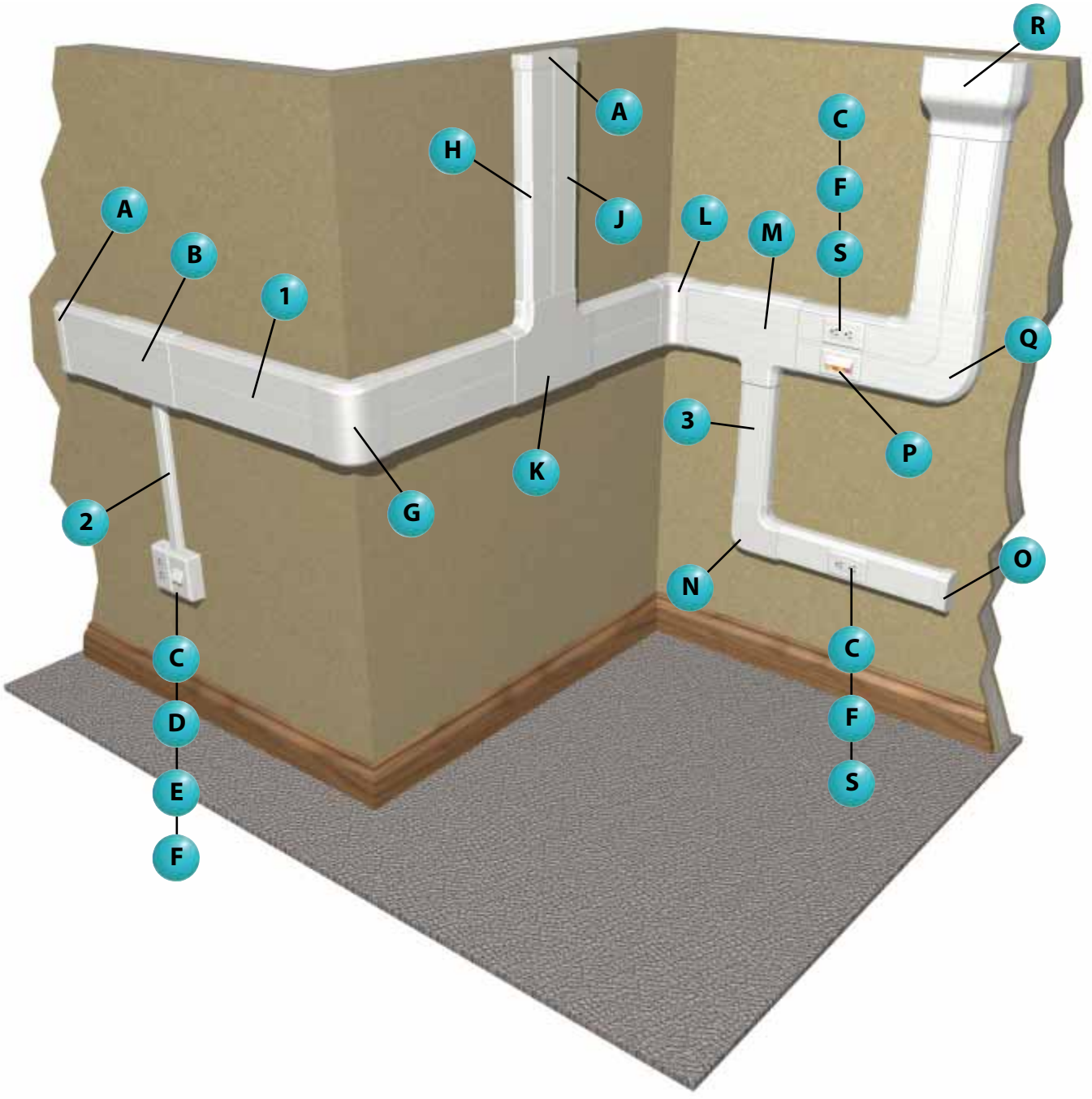
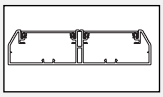
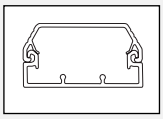
Twin-70 Raceway Roadmap

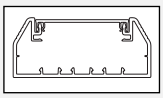




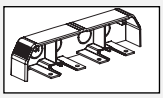
1 T702B**, T70C** – Twin-70 Raceway Base and Cover (page C2.38)



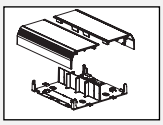
2 T45B**, T45C** – T-45 Raceway Base and Cover (page C2.48)



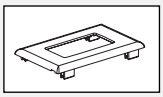
3 T70B**, T70C** – T-70 Raceway Base and Cover (page C2.36)



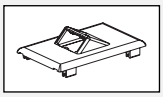
A T702EC** – Twin-70 End Cap Fitting (page C2.39)



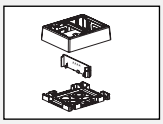
B T702TRL** – Twin-70 Transition Fitting (page C2.39)



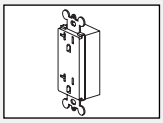
C T70PG** – Single Gang Rectangular Electrical/ Communication Snap-On Faceplate (page C2.53)



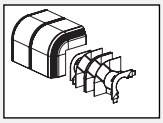
D T70FV2** – Vertical Sloped Communication Snap-On Faceplate (page C2.53)



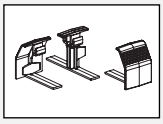
E JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box (page C2.58)



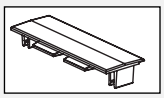
F ERU20** – 20A Rectangular Electrical Outlet (page C2.56)



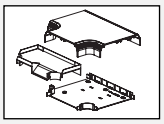
G T702OC** – Twin-70 Outside Corner Fitting (page C2.39)



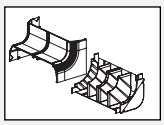
H T702BC** – Twin-70 Base Coupler Fitting (page C2.39)



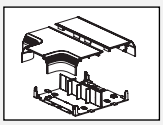
J T70CC** – T-70 Cover Coupler Fitting (page C2.36)



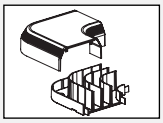
K T702T** – Twin-70 Tee Fitting (page C2.39)



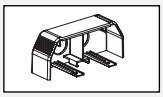
L T702IC** – Twin-70 Inside Corner Fitting (page C2.39)



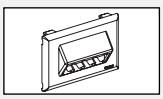
M T702TR** – Twin-70 Transition Fitting (page C2.39)



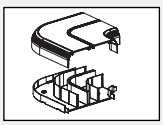
N T70RA** – T-70 Right Angle Fitting (page C2.36)



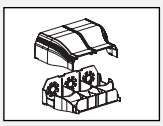
O T70EC** – T-70 End Cap Fitting (page C2.37)



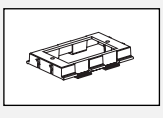
P T70FH4** – Snap-On Horizontal Sloped Communication Faceplate (page C2.52)



Q T702RA** – Twin-70 Right Angle Fitting (page C2.39)



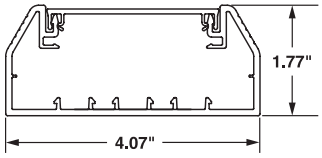
R T702EE** – Twin-70 Entrance End Fitting (page C2.39)



S T70DB-X** – T-70 Device Mounting Bracket (page C2.40)

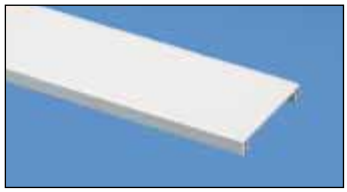
PAN-WAY® T-70 Surface Raceway System

- UL & CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Large cable capacity with aesthetically pleasing design
- Tamper resistant
- Compatible with NEMA standard 70mm faceplates or *PAN-WAY*® Classic Series Snap-On Faceplates
- Transitions to *PANDUIT* T-45 and LD Profile Raceways
- Supplied with pre-punched mounting holes

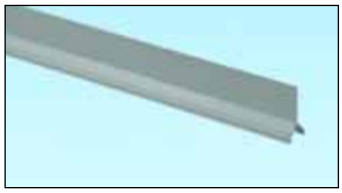


T-70
Internal Area = 5.15 Sq. In.

T70B



T70C



T70DW

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
T-70 Raceway Base					
T70BIW8	T-70 Raceway Base in 8' and 10' lengths. Supplied with pre-punched mounting holes.	4.07" x 1.77"	Off White	8	48
T70BIW10				10	60
T-70/TG-70/Twin-70 Raceway Cover					
T70CIW8	T-70, TG-70, or Twin-70 Raceway Cover in 8' and 10' lengths.	—	Off White	8	96
T70CIW10				10	120
T-70/Twin-70 Raceway Divider Wall					
T70DW8	T-70/Twin-70 Raceway Divider Wall. Snaps onto rails in T-70/Twin-70 Raceway base to create separate channels. Must use wire retainers to ensure channel separation per UL/CSA. Available in 8' and 10' lengths.	—	Gray	8	96
T70DW10				10	120

‡For other colors replace IW (Off White) with EI (Electric Ivory), WH (White) or IG (International Gray in 8' lengths ONLY).
Order raceway base and cover separately.
Order number of feet required in multiples of standard carton quantity.

PAN-WAY® T-70 Raceway Fittings

- T-70 fittings are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems

T70CC

T70BC

T70RA

T70IC

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70CCIW-X	Cover Coupler Fitting. Used to join sections of cover together.	Off White	10	100
T70BCIW-X	Base Coupler Fitting. Used to join sections of T-70 Raceway Base together.	Off White	10	0
T70RAIW	Right Angle Fitting. Used to join sections of T-70 Raceway at right angles.	Off White	1	10
T70ICIW	Inside Corner Fitting. Used to join sections of T-70 Raceway at inside corners.	Off White	1	10

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-WAY® T-70 Raceway Fittings (continued)

T70OC

T70T

T70TD

T70EC

T70EE

T70TR
T70TRC

T70TRI

T70WM40TR

T70BF

T70BFI

T70WC

T70WC2

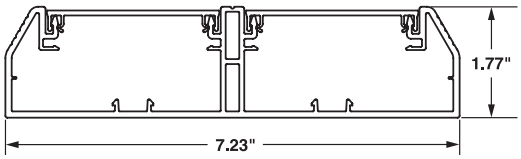
Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70OCIW	Outside Corner Fitting. Used to join sections of T-70 Raceway at outside corners.	Off White	1	10
T70TIW	Tee Fitting. Used to join sections of T-70 Raceway at tee intersections.	Off White	1	10
T70TD	T-70 Tee Fitting Divider. Separates power and data within tee fitting. Replaces T70TDB, T70TDC, AND T70TDT.	Gray	1	10
T70ECIW	End Cap Fitting. Used to terminate or allow entry to T-70 Raceway with conduit breakouts of 1/2".	Off White	1	10
T70EEIW	Entrance End Fitting. Conduit breakouts of 1/2", 3/4", 1", and 1 1/4" which allows entry from ceiling or wall.	Off White	1	10
T70TRIW	Transition Fitting. Used to transition to any LD Profile or T-45 Raceway while maintaining channel separation. Fitting includes bend radius insert.	Off White	1	10
T70TRCIW	Transition Fitting Cover. Used to transition to any LD Profile or T-45 Raceway.	Off White	1	10
T70TRI	Divided Insert for T-70 to LD2P10. Maintains channel separation within T70TR fitting.	Gray	1	10
T70WM40TRIW	Wiremold* to T-70 Transition Fitting. In-line transition fitting from Wiremold G4000 to T-70 Raceway.	Off White	1	10
T70BFIW	Backfeed Fitting. Allows cable entry through the back of the T-70 Raceway.	Off White	1	10
T70BFI	Backfeed Fitting Insert. Bend radius insert to be used with T70BF.	Gray	1	10
T70WCIW	*WORKSTATION OUTLET CENTER*™ Offset Box for Screw-On Faceplates. Two-piece box and bracket accept any NEMA standard screw-on faceplate.	Off White	1	10
T70WC2IW	*WORKSTATION OUTLET CENTER*™ Offset Box for *PAN-WAY*® Snap-on Faceplates. Two-piece box and bracket accept any standard electrical outlet. Accepts any *PAN-WAY*® Snap-On Electrical/Communication Faceplates.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).
T702TRI available in Gray only.
*Wiremold is a registered trademark of the Wiremold Co.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

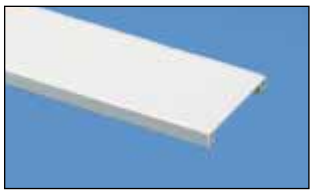
PAN-WAY® Twin-70 Surface Raceway System

- UL & CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Separate channels allow independent access to power and communication cabling throughout the entire system
- Transitions to *PANDUIT* T-70, T-45 and LD Profile Raceways
- Compatible with NEMA standard 70mm faceplates or *PAN-WAY*® Classic Series Snap-On Faceplates
- Tamper resistant
- Supplied with pre-punched mounting holes

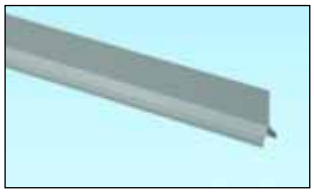


TWIN-70
Left Internal Area = 4.59 Sq. In.
Right Inrenal Area = 4.59 Sq. In.

T702B



T70C



T70DW

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
Twin-70 Raceway Base					
T702BIW8	Twin-70 Raceway Base in 8' and 10' lengths. Supplied with pre-punched mounting holes.	7.23" x 1.77"	Off White	8	24
T702BIW10				10	30
T-70/TG-70/Twin-70 Raceway Cover					
T70CIW8	T-70, TG-70, or Twin-70 Raceway Cover in 8' and 10' lengths.	—	Off White	8	96
T70CIW10				10	120
T-70/Twin-70 Raceway Divider Wall					
T70DW8	T-70/Twin-70 Raceway Divider Wall. Snaps onto rails in T-70/Twin-70 Raceway base to create separate channels. Must use wire retainers to ensure channel separation per UL/CSA. Available in 8' and 10' lengths.	—	Gray	8	96
T70DW10				10	120

‡For other colors replace IW (Off White) with EI (Electric Ivory) or WH (White).
Two feet of cover needed for every foot of Twin-70 Base.
Order number of feet required in multiples of standard carton quantity.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-WAY® Twin-70 Raceway Fittings

- Twin-70 fittings are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems

T70CC

T702BC

T702RA

T702IC

T702OC

T702T

T702EC

T702EE

T702TR

T702TRL

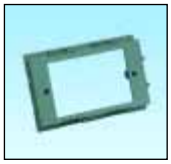
T702TRI

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70CCIW-X	Cover Coupler Fitting. Used to join sections of cover together.	Off White	10	100
T702BCIW-X	Base Coupler Fitting. Used for joining sections of Twin-70 Base together.	Off White	10	—
T702RAIW	Right Angle Fitting. Used to join sections of Twin-70 Raceway at 90° flat junctions.	Off White	1	10
T702ICIW	Inside Corner Fitting. Used to join sections of Twin-70 Raceway at inside corners.	Off White	1	10
T702OCIW	Outside Corner Fitting. Used to join sections of Twin-70 Raceway at outside corners.	Off White	1	10
T702TIW	Tee Fitting. Used to join sections of Twin-70 Raceway at tee intersections.	Off White	1	5
T702ECIW	End Cap Fitting. Conduit breakouts of 1/2" for entry into raceway channel.	Off White	1	10
T702EEIW	Entrance End Fitting. Conduit breakouts of 1/2", 1", 1 1/4" and 1 1/2" for entry from ceiling or wall.	Off White	1	5
T702TRIW	Transition Fitting. Used to transition to T-70 Raceway.	Off White	1	5
T702TRLIW	Transition Fitting. Used to transition to any LD Profile or T-45 Raceway.	Off White	1	5
T702TRI	Transition Divider Insert for Twin-70 to T-70 or Twin-70 to LD Profile. Maintains channel separation within T702TR or T702TRL fittings.	Gray	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory) or WH (White). T702TRI available in Gray only.

PAN-WAY® T-70 & Twin-70 Raceway Accessories

- T-70 and Twin-70 accessories consist of device mounting brackets, snap-on device brackets, hanging boxes, and three-sided hanging boxes used to mount NEMA standard single gang electrical outlets and or communication devices

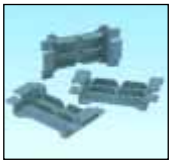

T70DB-X

T70SDB-X

T70HB-X

T70HB3-X

T70HB3GFCI-X


T70WR-X

T70S-X

T70FSB

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
T70DB-X	Device Mounting Bracket. Used to mount NEMA standard single gang electrical outlets and communication devices with either screw-on or snap-on single gang faceplates. Can be used with T-70, Twin-70, and TG-70 Raceways.	Gray	10	—
T70SDB-X	Standard Faceplate Bracket. Used to mount NEMA standard 70mm single gang screw-on faceplates.	Gray	10	—
T70HB-X	Hanging Box. Used to mount NEMA standard single gang electrical outlets and devices with either screw-on or snap-on single gang faceplates when there are communications cables in the raceway. For use in T-70 and Twin-70 Raceway only.	Gray	10	—
T70HB3-X	Three-Sided Hanging Box. Used to mount NEMA standard single gang electrical outlets and devices with either screw-on or snap-on single gang faceplates when there are communications cables in the raceway. Box is low profile for increased channel capacity and does not require breakout removal. For use with T-70 and Twin-70 Raceway only.	Gray	10	—
T70HB3GFCI-X	T70 GFCI Three-Sided Hanging Box. Accepts single gang U.S. GFCI (ground fault circuit interrupter) standard electrical devices. Provides increased internal area for connections and excess wire.	Gray	10	—
T70WR-X	Wire Retainer. Holds wires in place during installation.	Gray	10	100
T70S-X	Spacer Plate. Used to mount the CBX4 Surface Mount Box onto the T70DB-X or T70HB-X/T70HB3-X.	—	10	—
T70FSB	Fiber Spool Bracket. Each piece consists of two halves that snap into base of T-70 or Twin-70 Raceway. Provides method to contain one meter or more of fiber slack and acts as a strain relief while maintaining a minimum 30mm bend radius. Bracket separation can be adjusted to fit the length of slack required.	Gray	1	10

Use the T70FSB with T-70 or Twin-70 Raceway to contain 1m or more of fiber slack while maintaining a 30mm cable bend radius. Brackets are adjustable for slack length.

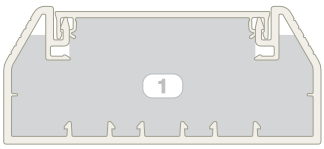
Use T70S-X Spacer Plate for mounting the CBX4 Surface Mount Box on T-70 or Twin-70.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

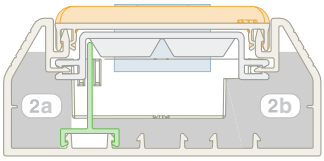
Cable Fill Capacities for T-70 Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.



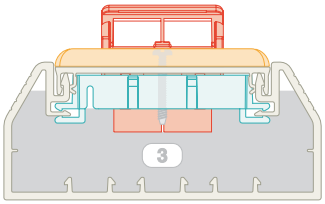
A = 5.15 in²

Cable fill #1: Raceway with no devices.



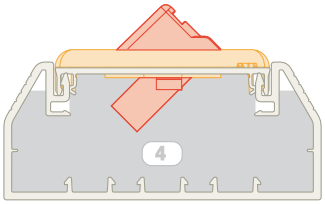
A = .86 in² A = 1.72 in²

Cable fill #2: Power and data using Three-Sided Hanging Box and Device Bracket.



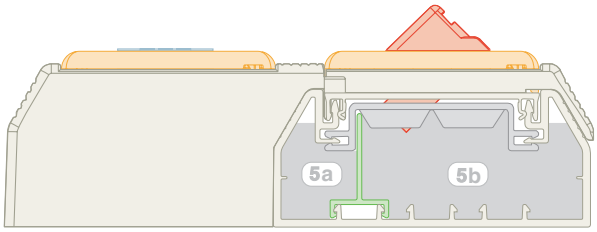
A = 3.67 in²

Cable fill #3: Data only using Vertical Sloped Screw-On Communication Faceplates.



A = 4.71 in²

Cable fill #4: Data only using Horizontal Sloped Snap-On Communication Faceplates.



A = .91 in² A = 3.12 in²

Cable fill #5: Power and data using the *Workstation Outlet Center*™ Offset Box.

SPEC = 40% cable fill – The recommended design in cable capacity, leaves room for future moves, adds and changes.

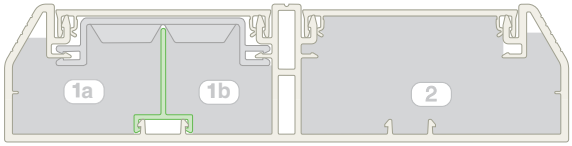
MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

MAX for Power cable fill – The maximum of electrical cables based on UL temperature rise test.

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		Audio/Video		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand	
			THHN/T90			Cat 5e (4pr)		Cat 6 (4pr)					
			.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .175	
			FILL			FILL		FILL		FILL		FILL	
			MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
			(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
1.	T-70: No devices.	5.15	24	20	15	55	83	41	62	27	41	86	129
2a.	T-70: Power and data using the Three-Sided Hanging Box and Device Bracket.	.86	14	11	7	9	14	7	10	5	7	14	21
2b.		1.72	—	—	—	19	28	14	21	9	14	29	43
3.	T-70: Data only (Screw-On Faceplates).	3.67	—	—	—	39	59	29	44	19	29	67	101
4.	T-70: Data only (Snap-On Faceplates).	4.71	—	—	—	50	76	38	57	25	37	83	125
5a.	T-70: Power and data using the *Workstation Outlet Center*™ Offset Box.	.91	14	11	7	9	14	7	11	5	7	15	23
5b.		3.12	—	—	—	33	50	25	38	17	25	52	78

Cable Fill Capacities for Twin-70 Raceway

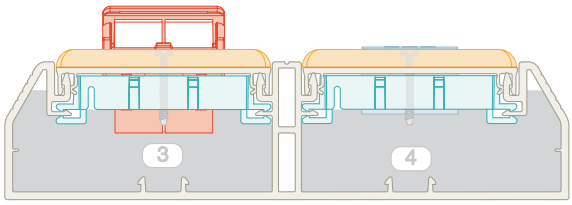
This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.



A = 2.05 in² | A = 1.43 in² | A = 4.59 in²

Cable fill #1: Power and data with no devices.

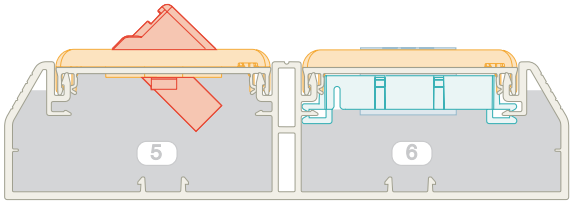
Cable fill #2: One Twin-70 Channel with no devices.



A = 3.11 in² | A = 3.32 in²

Cable fill #3: Data only using Vertical Sloped Screw-On Communication Faceplates.

Cable fill #4: Power using Device Bracket and NEMA standard 70mm Screw-On faceplates.



A = 4.14 in² | A = 2.33 in²

Cable fill #5: Data only using Horizontal Sloped Snap-On Communication Faceplates.

Cable fill #6: 20A TVSS Rectangular Outlet using Device Bracket and Snap-On Electrical/Communication Faceplate.

SPEC = 40% cable fill – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

MAX for Power cable fill – The maximum of electrical cables based on UL temperature rise test.

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		Audio/Video		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand	
			THHN/T90			Cat 5e (4pr)		Cat 6 (4pr)					
			.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .175	
			FILL			FILL		FILL		FILL		FILL	
			MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
			(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
1a.	Twin-70: Power and data, without devices.	2.05	—	—	—	22	33	16	25	18	27	34	51
1b.		1.43	—	—	—	15	23	11	17	12	19	24	36
2.	Twin-70: One channel (no devices).	4.59	—	—	—	49	74	37	56	24	36	76	115
3.	Twin-70: Data only (Screw-On Faceplate).	3.11	—	—	—	33	50	25	38	16	25	52	78
4.	Twin-70: Power only (Screw-On Faceplate).	3.32	15	13	13	35	53	27	40	18	26	55	83
5.	Twin-70: Data only (Snap-On Faceplate).	4.14	—	—	—	44	67	33	50	22	33	69	103
6.	Twin-70: TVSS Power (Snap-On Faceplate).	2.33	16	16	14	25	37	18	28	12	18	39	58

PAN-WAY® T-45 NON-METALLIC SURFACE RACEWAY

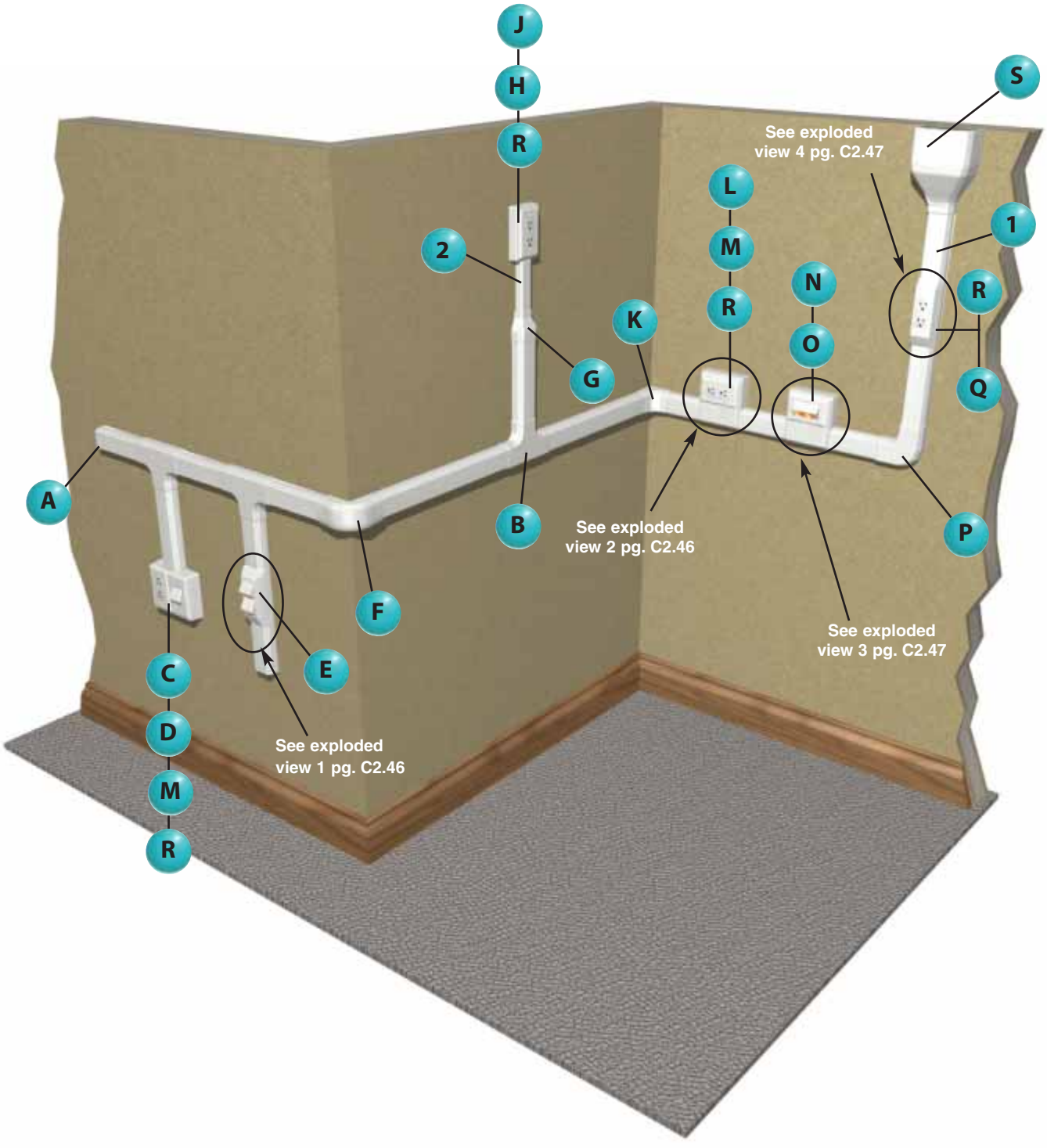
PAN-WAY® T-45 Non-Metallic Surface Raceway is a multi-channel raceway, which provides a solution for routing copper, fiber optic and/or power cabling along fixed perimeter walls. T-45 Surface Raceway terminates using the T-45 Hinged Data and Power Brackets, T-45 Offset Box and select PAN-WAY® Surface Mount Outlet Boxes.

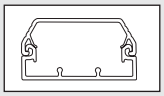
- **Multi-directional cover hinge allows cable installation from either side**
- **Hinged data and power brackets provide easy access for terminating outlets**
- **Aesthetically pleasing**
- **Lightweight**
- **Tamper resistant**
- **Fittings maintain 1" bend radius control**

PAN-WAY® T-45 Surface Raceway accepts NEMA standard screw-on faceplates for superior PAN-WAY® Snap-On Faceplates when terminating with the T-45 Offset Box and Surface Mount Outlet Boxes. Fittings for T-45 are available to transition to PAN-WAY® LD Series Raceways.

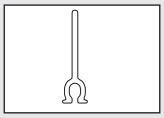
A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

T-45 Raceway Roadmap

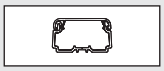




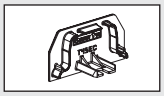
1 T45B**, T45C** – T-45 Raceway (page C2.48)



1 T45DW** – T-45 Divider Wall (page C2.48)

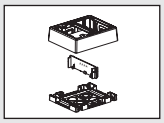


2 LDPH10** – LDPH10 Raceway (page C2.77)

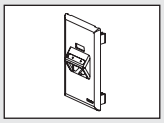


A T45EC** – T-45 End Cap Fitting (page C2.49)

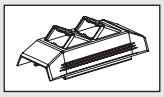
B T45T**and T45TD – T-45 Tee Fitting and Divider (page C2.49)



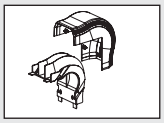
C JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box (C2.58)



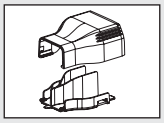
D T70FV2** – Snap-On Vertical Sloped Communication Faceplate (C2.52)



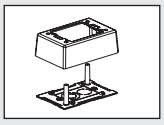
E T45HDB** – T-45 Snap-On Hinged Data Bracket (page C2.49)



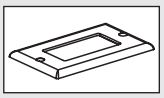
F T45OC** – T-45 Outside Corner Fitting (page C2.49)



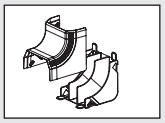
G T45RLD** – T-45 Reducer Fitting (page C2.49)



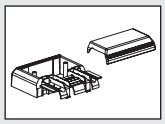
H JBP1** – Power Rated Single Gang Two-Piece Box (page C2.58)



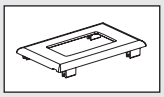
J CPG** – Single Gang Rectangular Electrical/ Communication Screw-On Faceplate (page C2.59)



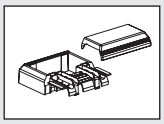
K T45IC** – T-45 Inside Corner Fitting (page C2.49)



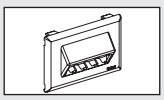
L T45WC** – T-45 Offset Box for Screw-On Faceplates/Receptacles (page C2.49)



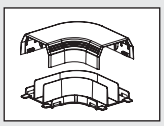
M T70PG** – Single Gang Rectangular Electrical/ Communication Snap-On Faceplate (page C2.54)



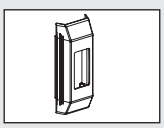
N T45WC2** – T-45 Offset Box for Snap-On Faceplates (page C2.49)



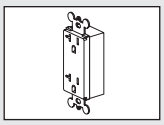
O T70FH4** – Snap-On Horizontal Sloped Communication Faceplate (page C2.52)



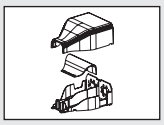
P T45RA** – T-45 Right Angle Fitting (page C2.49)



Q T45HEGB** – T-45 Electrical Bracket (page C2.49)



R ERU20** – 20A Rectangular Electrical Outlet (page C2.60)

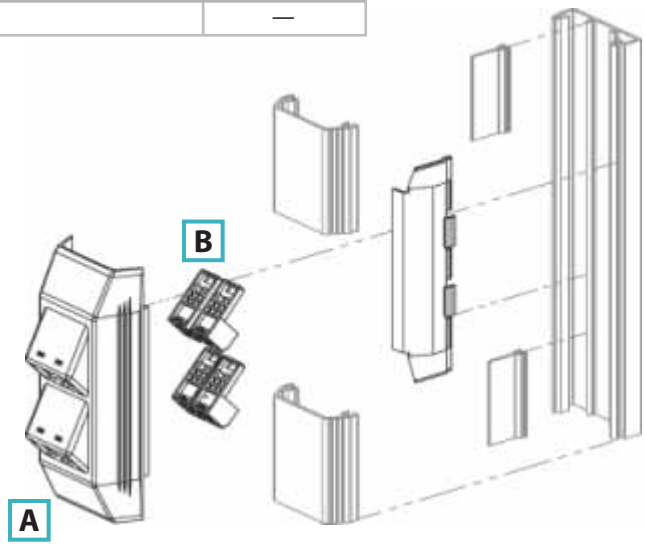


S T45EE** – T-45 Entrance End Fitting (page C2.49)

T-45 Configurations

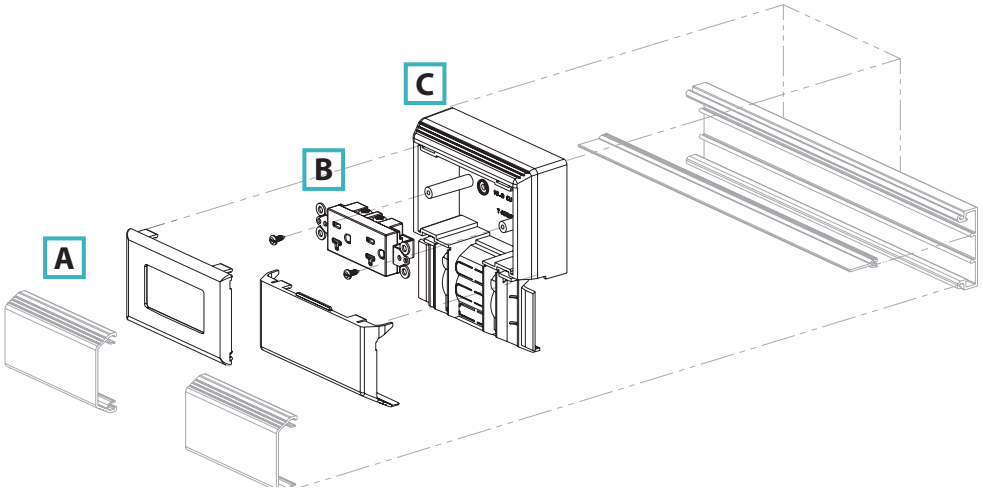
Exploded view 1

	Components Required	See page
A.	T45HDB = T-45 Snap-On Hinged Data Bracket.	C2.49
B.	*PANDUIT® MINI-COM®* Modules.	—



Exploded view 2

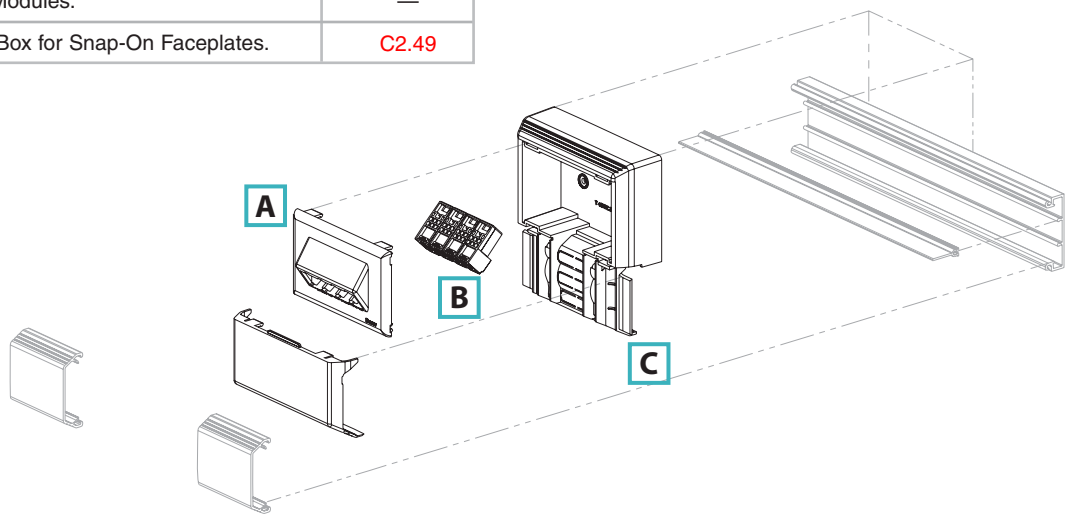
	Components Required	See page
A.	T70PG = Single Gang Rectangular Electrical/ Communication Snap-On Faceplate.	C2.54
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	T45WC = T-45 Offset Box for Screw-On Faceplates/Receptacles.	C2.49



T-45 Configurations (continued)

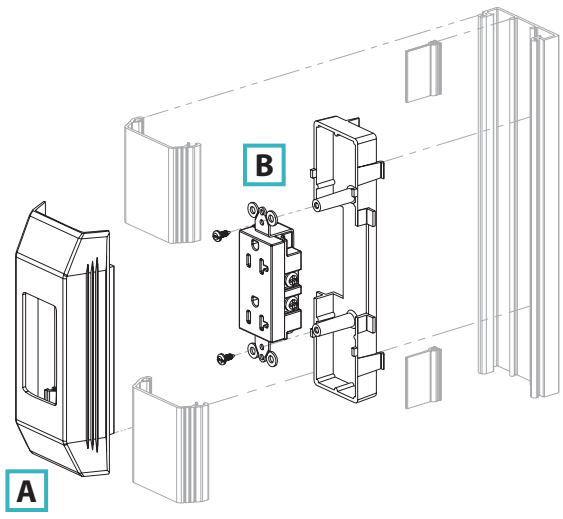
Exploded view 3

	Components Required	See page
A.	T70FH4 = Snap-On Horizontal Sloped Communication Faceplate.	C2.52
B.	*PANDUIT® MINI-COM®* Modules.	—
C.	T45WC2 = T-45 Offset Box for Snap-On Faceplates.	C2.49



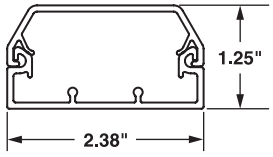
Exploded view 4

	Components Required	See page
A.	T45HEGB = T-45 Electrical Bracket for Rectangular Outlet.	C2.49
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60



PAN-WAY® T-45 Surface Raceway System

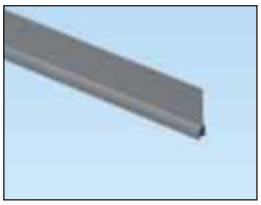
- UL and CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Hinged cover allows easy access from either side
- Optional factory applied adhesive backing speeds installation
- Supplied with pre-punched mounting holes
- Tamper resistant
- Terminates using the T-45 Hinged Data or Power Brackets, Offset Box, or Surface Mount Outlet Box solutions



T-45
Internal Area = 2.12 Sq. In.

T45B

T45C



T45DW

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
T-45 Raceway Base with adhesive					
T45BIW8-A	T-45 Raceway Base in 8' and 10' lengths with adhesive. Supplied with pre-punched mounting holes.	2.38" x 1.25"	Off White	8	160
T45BIW10-A		2.38" x 1.25"		10	200
T-45 Raceway Base without Adhesive					
T45BIW8	T-45 Raceway Base in 8' and 10' lengths. Supplied with pre-punched mounting holes.	—	Off White	8	160
T45BIW10				10	200
T-45 Raceway Cover					
T45CIW8	T-45 Raceway Cover in 8' and 10' lengths. Can be hinged open on either side of T-45 Base.	—	Off White	8	160
T45CIW10				10	200
T-45 Raceway Divider Wall					
T45DW8	T-45 Divider Wall. Snaps onto rails in T-45 Raceway Base to create separate channels. Must use wire retainers to ensure channel separation per UL/CSA. Available in 8' and 10' lengths.	—	Gray	8	160
T45DW10				10	200

‡For other colors replace IW (Off White) with EI (Electric Ivory).
Order base and cover separately
Order number of feet required in multiples of standard carton quantity.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-WAY® Type T-45 Raceway Fittings

- T-45 fittings are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems

T45CC

T45RA

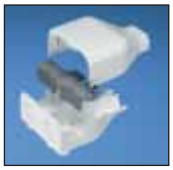
T45IC

T45OC

T45T

T45TD

T45EC


T45EE

T45RLD

T45TRI

T45HDB

T45HEB

T45HEGB

T45WR-X

T45WC

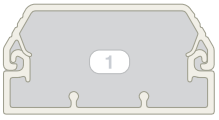
T45WC2

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T45CCIW-X	Cover Coupler Fitting. Used to join two pieces of T-45 Cover together.	Off White	10	100
T45RAIW	Right Angle Fitting. Used to join sections of T-45 Raceway at 90° flat junction.	Off White	1	10
T45ICIW	Inside Corner Fitting. Used to join T-45 Raceway at inside corner.	Off White	1	10
T45OCIW	Outside Corner Fitting. Used to join T-45 Raceway at 90° outside corner.	Off White	1	10
T45TIW	Tee Fitting. Used to join T-45 Raceway at tee intersections.	Off White	1	10
T45TD	Divided Insert. Used to separate power and data within the T45T.	Gray	1	10
T45ECIW	End Cap Fitting. Used to terminate T-45 Raceway.	Off White	1	10
T45EEIW	Entrance End Fitting. With knockouts for 1/2", 3/4", 1", and 1 1/4" conduit which allows entry from ceiling or wall.	Off White	1	10
T45RLDIW	Reducer Fitting. Reduces from T-45 to LD10 Profile Raceways.	Off White	1	10
T45TRI	Provides bend radius control at transition from T-70 to T-45 when used with T70TR.	Gray	1	10
T45HDBIW	Snap-on Hinged Data Bracket. Used for mounting *PANDUIT*® *MINI-COM*® and *FJ*® modules vertically in-line within T-45 Raceway. Can be hinged opened on either side of T-45 Base.	Off White	1	10
T45HEBIW	Electrical Bracket and Box. Used for mounting standard 106 duplex electrical outlets.	Off White	1	10
T45HEGBIW	Electrical Bracket and Box. Used for mounting standard rectangular style electrical outlets.	Off White	1	10
T45WR-X	Wire Retainers. Used to hold wires in place during installation.	Gray	10	100
T45WCIW	Offset Box. Allows for the mounting of any standard electrical or communication outlet offset from the raceway channel. Box accepts any NEMA standard screw-on faceplate or *PAN-WAY*® Electrical Snap-On Faceplates.	Off White	1	10
T45WC2IW	Offset Box. Box accepts any *PAN-WAY*® Communication Snap-On Faceplates.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory). T45TD, T45TRI, and T45WR-X available in Gray only.

Cable Fill Capacities for T-45 Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.

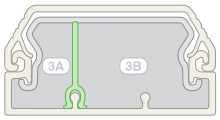


A = 2.13 in²

Cable fill #1: T-45 with no devices.

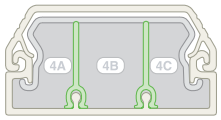
A = 1.72 in²

Cable fill #2: T-45 with wire retainer.



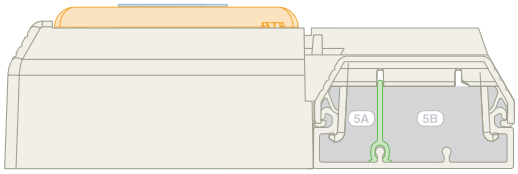
A = .44 in² | B = 1.20 in²

Cable fill #3: Power and data using a Wire Retainer and Divider Wall.



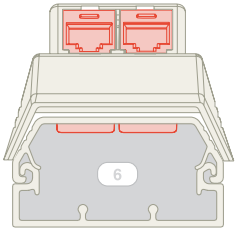
A = .44 in² | B = .68 in² | C = .44 in²

Cable fill #4: Power and data using a Wire Retainer and Divider Walls.



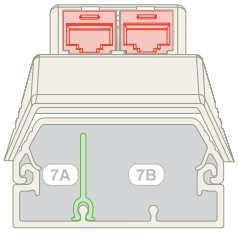
A = .41 in² | B = 1.06 in²

Cable fill #5: Power and data using the Offset Box.



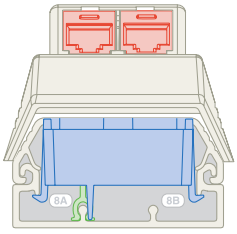
A = 2.00 in²

Cable fill #6: Data only using Hinged Data Bracket.



A = .52 in² | B = 1.2 in²

Cable fill #7: Power and data using Hinged Data Bracket with Divider Insert.



A = .22 in² | B = .5 in²

Cable fill #8: Power and data Using Electrical Bracket/Box and Hinged Data Bracket.

SPEC = 40% cable fill – The recommended design in cable capacity, leaves room for future moves, adds, and changes.

MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

MAX for Power cable fill – The maximum of electrical cables based on UL temperature rise test.

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		Audio/Video		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand	
			THHN/T90			Cat 5e (4pr)		Cat 6 (4pr)					
			.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .175	
			FILL			FILL		FILL		FILL		FILL	
			MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
			(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
1.	T-45: No devices.	2.13	36	27	25	22	34	17	26	11	17	35	53
2.	T-45: No devices with wire retainer.	1.72	36	27	25	18	27	14	21	9	14	28	42
3A.	T-45: Power and data with wire retainer and divider wall (2 channels).	.44	12	11	8	4	7	3	5	2	3	7	10
3B.		1.20	—	—	—	12	19	9	14	6	10	16	29
4A.	T-45: Power and data with wire retainer and two divider walls (3 channels).	.44	12	11	8	4	7	3	5	2	3	7	10
4B.		.68	—	—	—	7	11	5	8	4	5	11	16
4C.		.44	—	—	—	4	7	3	5	2	3	7	10
5A.	T-45: Power and data using the *Workstation Outlet Center*™ Offset Box.	.41	12	11	8	4	6	3	5	2	3	6	10
5B.		1.06	—	—	—	11	17	8	12	6	8	17	26
6.	T-45: Data only using data bracket.	2.00	—	—	—	21	32	16	24	11	16	33	49
7A.	T-45 Power and data using Hinged Data Bracket with Divider Insert.	.52	12	11	8	—		—	—	3	4	—	—
7B.		1.2	—	—	—	12	18	9	14	6	10	16	24
8A.	T-45: Power and data using Electrical Bracket and Box.	.22	9	7	4	—		—	—	1	2	—	—
8B.		.5	—	—	—	5	8	4	6	3	4	8	12

PAN-WAY® SNAP-ON FACEPLATES & SURFACE MOUNT OUTLET BOXES

PAN-WAY® Snap-On Faceplates are designed for use with *PANDUIT* surface raceway systems and install faster than conventional screw-on faceplates, reducing labor costs and providing a more aesthetic appearance. *PAN-WAY®* Snap-On Communication Faceplates are available in vertical and horizontal orientation and accept *PANDUIT® MINI-COM®* Copper and Fiber Optic Modules. Electrical outlets are available in colors to complement *PANDUIT* raceway and are available in 20A, 106 duplex, rectangular, TVSS and GFCI.

- **Snap-on faceplates install without the use of screws providing faster installation and superior aesthetics**
- ***FAST-SNAP™* boxes assemble without the use of screws and accept *PAN-WAY®* Snap-On Faceplates**
- **Snap-on communication faceplates are available in horizontal or vertical sloped outlet configurations**
- **Snap-on electrical faceplates are available in 106 duplex or rectangular styles**

Surface mount outlet boxes are available for both power and communication applications. They are compatible with *PAN-WAY®* LD, LDPH, LD2P10, and T-45 Raceway Systems. *PAN-WAY®* Snap-On Faceplates mount directly to Cove, TG-70, T-70, Twin-70, T-45 raceways, *PAN-WAY® FAST-SNAP™* Boxes and *PAN-POLE™* Aluminum Outlet Poles.

Pan-Way® *Fast-Snap*™ Surface Mount Outlet Boxes

- JB1FS and JBP2FS assemble without the use of screws for faster installation
- JB1FS and JBP2FS are supplied with adhesive backing to speed installation
- JB1FS and JBP2FS accept *Pan-Way*® Snap-On Faceplates for superior aesthetics

JB1FS

JBP2FS**

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
JB1FSIW-A	Single Gang Two-piece Snap Together Outlet Box with adhesive backing. Box accepts *Pan-Way*® Snap-On Faceplates. For use with *Pan-Way*® T-45 or LD Profile Raceways. 5.0"L x 3.3"W x 1.6"H (127.1mm x 82.7mm x 41.1mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
JBP2FSIW	Double Gang Power Rated Two-Piece Snap Together Outlet Box. Box accepts *Pan-Way*® Snap-On Faceplates. For use with *Pan-Way*® T-45 or LD Profile Raceways. 5.0"L x 6.1"W x 1.6"H (127mm x 156mm x 41mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray) or WH (White).

Pan-Way® Classic Series Snap-On Faceplates for Use with *PANDUIT*® *Mini-Com*® Modules

- Can be used with *Pan-Way*® Cove, TG-70, T-70, Twin-70, T-45 Raceway Systems, *Fast-Snap*™ Outlet Boxes, and *Pan-Pole*™ Aluminum Outlet Pole

T70FH2

T70FH4

T70FV2

T70FV4

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70FH2IW	Snap-on Horizontal Sloped Communication Faceplate. Accepts two *PANDUIT*® *Mini-Com*® modules (not included). No additional mounting hardware required.	Off White	1	10
T70FH4IW	Snap-on Horizontal Sloped Communication Faceplate. Accepts four *PANDUIT*® *Mini-Com*® modules (not included). No additional mounting hardware required.	Off White	1	10
T70FV2IW	Snap-on Vertical Sloped Communication Faceplate. Accepts two *PANDUIT*® *Mini-Com*® modules (not included). No additional mounting hardware required.	Off White	1	10
T70FV4IW	Snap-on Vertical Sloped Communication Faceplate. Accepts four *PANDUIT*® *Mini-Com*® modules (not included). No additional mounting hardware required.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray) or WH (White).

Component Labels for *Pan-Way*® Classic Series Snap-On Faceplates for Use with *PANDUIT*® *Mini-Com*® Modules and Inserts

Suggested Label Solutions for TIA/EIA-606-A Compliance			
Faceplate Part Number	**Laser/Ink Jet Desktop Printer Label**	***Viper***™ **LS6 Portable Printer Label**	***PanACEA***® **LS7 Hand-Held Printer Label**
T70FH2IW	**C125X030FJJ**	**C125X030FJ6**	**LS7-25-1**
T70FV2IW			
T70FV4IW			
All T70B parts			
T70FH4IW	**C252X030FJJ**	**C252X030FJ6**	**LS7-25-1**

For complete labeling solutions and product information, reference chart on pages E2.1 – E2.30.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-WAY® Classic Series Snap-On Faceplates for Use with *PANDUIT*® *MINI-COM*® Inserts

- Single gang vertical or horizontal sloped communication faceplates accept one or two *PANDUIT*® *MINI-COM*® inserts
- Can be used with *PAN-WAY*® Cove,TG-70, T-70, Twin-70, T-45 Raceway Systems, *FAST-SNAP*™ Outlet Boxes, and *PAN-POLE*™ Aluminum Outlet Pole

T70BH1

T70BH2

T70B1

T70B2

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70BH1IW	Snap-On Horizontal Communication Faceplate. Accepts one 1/2-size *PANDUIT*® *MINI-COM*® Insert and two modules. No additional mounting hardware required.	Off White	1	10
T70BH2IW	Snap-On Horizontal Communication Faceplate. Accepts two 1/2-size *PANDUIT*® *MINI-COM*® Inserts and four modules. No additional mounting hardware required.	Off White	1	10
T70B1IW	Snap-On Vertical Communication Faceplate. Holds one 1/2-size *PANDUIT*® *MINI-COM*® Insert and two modules. No additional mounting hardware required.	Off White	1	10
T70B2IW	Snap-On Vertical Communication Faceplate. Holds two 1/2-size *PANDUIT*® *MINI-COM*® Inserts and four modules. No additional mounting hardware required.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray) or WH (White)

PAN-WAY® Classic Series Snap-On Faceplates for Communication/Power

- Can be used with *PAN-WAY*® Cove, TG-70, T-70, Twin-70, T-45 Raceway Systems, *FAST-SNAP*™ Outlet Boxes, and *PAN-POLE*™ Aluminum Outlet Pole

T70P

T70PG

T70PS

T70PGS

T70PN

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70PIW	Snap-On Single Gang 106 Duplex Electrical/Communication Faceplate. Used to cover one NEMA standard 106 duplex electrical outlet. In communication applications, covers one standard 106 duplex communication module frame. No additional mounting hardware required.	Off White	1	10
T70PGIW	Snap-On Single Gang Rectangular Electrical/Communication Faceplate. Used to cover one NEMA standard rectangular electrical outlet. In communication applications, covers one standard rectangular communication module frame. No additional mounting hardware required.	Off White	1	10
T70PSIW	Snap-On Single Gang 106 Duplex Communication Faceplate. Used to cover one NEMA standard 106 duplex communication module frame. Module frame screw mounts directly to underside of snap-on faceplate. No mounting device needed. Supplied with one mounting screw. **NOTE:** Not for use with electrical devices.	Off White	1	10
T70PGSIW	Snap-On Single Gang Rectangular Communication Faceplate. Used to cover one NEMA standard rectangular communication module frame. Module frame screw mounts directly to underside of snap-on faceplate. No mounting device needed. Supplied with two mounting screws. **NOTE:** Not for use with electrical devices.	Off White	1	10
T70PNIW	Snap-On Single Gang Blank Cover Faceplate.	Off White	1	10

‡For other colors, replace IW (Off White) with EI (Electric Ivory), IG (International Gray) or WH (White).
See label chart on page C2.59

PANDUIT® NETKEY™ Snap-On Sloped Keystone Faceplates

- Accepts all *PANDUIT® NETKEY™* Keystone Copper Modules and Duplex Fiber Optic Modules
- Can be used with *PAN-WAY®* Cove, TG-70, T-70, Twin-70, T-45 Raceway Systems, *FAST-SNAP™* Outlet Boxes, and *PAN-POLE™* Aluminum Outlet Pole

NK2HSRF

NK4HSRF

NK4VSRF

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
NK2HSRFIW	Snap-on two position sloped horizontal faceplate accepts any *PANDUIT® NETKEY™* module. Compatible with *PANDUIT® FAST-SNAP™* Outlet Boxes, Surface Raceway Systems and *PAN-POLE™* Outlet Poles.	Off White	1	10
NK4HSRFIW	Snap mount four position sloped horizontal faceplate accepts any *PANDUIT® NETKEY™* module. Compatible with *PANDUIT® FAST-SNAP™* Outlet Boxes, Surface Raceway Systems and *PAN-POLE™* Outlet Poles.	Off White	1	10
NK4VSRFIW	Snap mount four position sloped vertical faceplate accepts any *PANDUIT® NETKEY™* module. Compatible with *PANDUIT® FAST-SNAP™* Outlet Boxes, Surface Raceway Systems and *PAN-POLE™* Outlet Poles.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).
For complete labeling solutions and product information, reference chart below.

PANDUIT® NETKEY™ Snap-On Flush Universal Keystone Faceplates

- Wider module spacing to accept all common manufacturers' Keystone modules .900 inches wide or less
- Can be used with *PAN-WAY®* Cove, TG-70, T70, Twin-70, T-45 Raceway Systems, *FAST-SNAP™* Outlet Boxes and *PAN-POLE™* Aluminum Outlet Poles

T70KW2

T70KW4

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70KW2IW	Snap-on two position flush mount faceplate accepts any *PANDUIT® NETKEY™* module and most other manufacturers' Keystone modules. Compatible with *PANDUIT® FAST-SNAP™* Outlet Boxes, Surface Raceway Systems and *PAN-POLE™* Outlet Poles.	Off White	1	10
T70KW4IW	Snap-on four position flush mount faceplate accepts any *PANDUIT® NETKEY™* module and most other manufacturers' Keystone modules. Compatible with *PANDUIT® FAST-SNAP™* Outlet Boxes, Surface Raceway Systems and *PAN-POLE™* Outlet Poles.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).
For complete labeling solutions and product information, reference chart below.

Component Labels for Snap-On "Sloped" Keystone Faceplates and Snap-On "Flush" Universal Keystone Faceplates

Suggested Label Solutions for TIA/EIA-606-A Compliance			
Faceplate Part Number	**Laser/Ink Jet Desktop Printer Label**	***VIPER™* LS6 Portable Printer Label**	***PANACEA®* LS7 Hand-Held Printer Label**
NK2HSRFIW T70KW2IW	C125X030FJJ	C125X030FJ6	LS7-25-1
NK4VSRFIW	2-C125X030FJJ	2-C125X030FJ6	LS7-25-1
NK4HSRFIW T70KW4IW	C261X030FJJ	C261X030FJ6	LS7-25-1

For complete labeling solutions and product information, reference chart on pages E2.1 – E2.30.

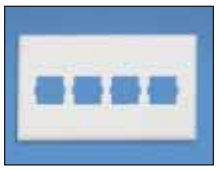
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-WAY® Snap-On Faceplates for SYSTIMAX* Communication Modules

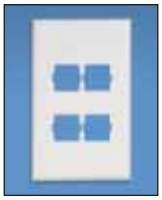
- Can be used with PAN-WAY® Cove, TG-70, T70, Twin-70, T-45 Raceway Systems, FAST-SNAP™ Outlet Boxes, and PAN-POLE™ Aluminum Outlet Poles

T70L2



T70L4

T70LV2



T70LV4

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70L2IW	Snap-On Horizontal Communication Faceplate designed to accept two SYSTIMAX* Communication Modules (not included). Can be used with *PANDUIT* Surface Raceway Systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10
T70L4IW	Snap-On Horizontal Communication Faceplate designed to accept four SYSTIMAX* Communication Modules (not included). Can be used with *PANDUIT* Surface Raceway Systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10
T70LV2IW	Snap-On Vertical Communication Faceplate designed to accept two SYSTIMAX* Communication Modules (not included). Can be used with *PANDUIT* Surface Raceway Systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10
T70LV4IW	Snap-On Vertical Communication Faceplate designed to accept four SYSTIMAX* Communication Modules (not included). Can be used with *PANDUIT* Surface Raceway Systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray) or WH (White).
*SYSTIMAX® is a registered trademark of Commscope, Inc.

Component Labels for SYSTIMAX* Communication Modules

Suggested Label Solutions for TIA/EIA-606-A Compliance			
Faceplate Part Number	**Laser/Ink Jet Desktop Printer Label**	**VIPER™ LS6 Portable Printer Label**	**PANACEA® LS7 Hand-Held Printer Label**
T70L2IW T70LV2IW	**C125X030FJJ**	**C125X030FJ6**	**LS7-25-1**
T70LV4IW	**2-C125X030FJJ**	**2-C125X030FJ6**	**LS7-25-1**
T70L4IW	**C261X030FJJ**	**C261X030FJ6**	**LS7-25-1**

*SYSTIMAX® is a registered trademark of Commscope, Inc.
For complete labeling solutions and product information, reference charts on pages E2.1 – E2.30.

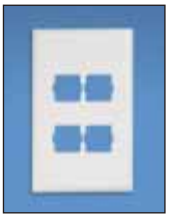
PAN-WAY® Snap-On Faceplates for Nordx/CDT* Communication Modules

- Can be used with *PAN-WAY*® Cove, TG-70, T70, Twin-70, T-45 Raceway Systems, *FAST-SNAP*™ Outlet Boxes, and *PAN-POLE*™ Aluminum Outlet Poles

T70N2

T70N4

T70NV2



T70NV4

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T70N2IW	Snap-On Horizontal Communication Faceplate designed to accept two Nordx/CDT* Communication Modules (not included). Can be used with *PANDUIT* Surface Raceway Systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10
T70N4IW	Snap-On Horizontal Communication Faceplate designed to accept four Nordx/CDT* Communication Modules (not included). Can be used with *PANDUIT* Surface Raceway Systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10
T70NV2IW	Snap-On Vertical Communication Faceplate designed to accept two Nordx/CDT* Communication Modules (not included). Can be used with *PANDUIT* Surface Raceway Systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10
T70NV4IW	Snap-On Vertical Communication Faceplate designed to accept four Nordx/CDT* Communication Modules (not included). Can be used with *PANDUIT* Surface Raceway Systems and boxes that accept 70mm faceplates. No additional mounting hardware required.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory).
*Nordx/CDT is a registered trademark of Nordx/CDT, Inc.

Component Labels for Nordx/CDT* Communication Modules

Suggested Label Solutions for TIA/EIA-606-A Compliance			
Faceplate Part Number	**Laser/Ink Jet Desktop Printer Label**	***VIPER***™ **LS6 Portable Printer Label**	***PANACEA***® **LS7 Hand-Held Printer Label**
T70N2IW T70NV2IW	**C125X030FJJ**	**C125X030FJ6**	**LS7-25-1**
T70NV4IW	**2-C125X030FJJ**	**2-C125X030FJ6**	**LS7-25-1**
T70N4IW	**C261X030FJJ**	**C261X030FJ6**	**LS7-25-1**

*Nordx/CDT is a registered trademark of Nordx/CDT, Inc.

For complete labeling solutions and product information, reference charts on pages E2.1 – E2.30.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-WAY® Low Voltage Surface Mount Outlet Boxes

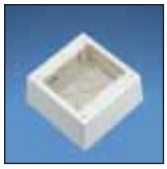
- JBX3510 assembles without the use of screws for faster installation
- JBX3510, JB1, and JB1D are supplied with adhesive backing to speed installation
- JB1 and JB1D are a one-piece design requiring no assembly

JBX3510

JB1

JB1D

JBP2


JBP2D

RJBX3510

JBA-X

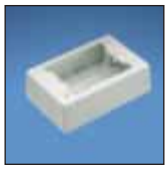
JB1FS

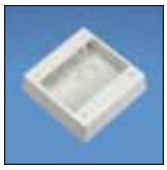
Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
JBX3510IW-A	Single Gang Two-piece Snap Together Outlet Box with adhesive backing. Box accepts PAN-WAY® Screw-On Faceplates or any NEMA standard single gang faceplate. For use with PAN-WAY® T-45 or LD Profile Raceway. 5.0"L x 3.3"W x 1.6"H (127mm x 83mm x 41mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
JB1IW-A	Single Gang One-piece Outlet Box with adhesive backing. Box accepts PAN-WAY® Screw-On Faceplates or any NEMA standard single gang faceplate. For use with PAN-WAY® LD Profile Raceways. 5.1"L x 3.3"W x 1.8"H (129mm x 85mm x 44mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
JB1DIW-A	Single Gang One-piece Deep Outlet Box with adhesive backing. Box accepts PAN-WAY® Screw-On Faceplates or any NEMA standard single gang faceplate. For use with PAN-WAY® LD Profile Raceways. 5.2"L x 3.5"W x 2.8"H (133mm x 86mm x 70mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
JBP2IW	Double Gang Two-piece Screw Together Outlet Box. Box accepts PAN-WAY® Screw-On Faceplates or any NEMA standard double gang faceplates. For use with PAN-WAY® LD Profile Raceways. 5.0" L x 5.0"W x 1.6"L (128mm x 128mm x 41mm). Breakouts for 1/2" or 3/4" diameter conduit.	Off White	1	10
JBP2DIW	Double Gang Two-piece Screw Together Deep Outlet Box. Box accepts PAN-WAY® Screw-On Faceplates or any NEMA standard double gang faceplate. For use with PAN-WAY® T-45 or LD Profile Raceways. 5.2"L x 5.2"W x 2.8"H (132mm x 132mm x 70mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
RJBX3510IW	Single Gang Two-Piece Screw Together Round Outlet Box. Box accepts UL/CSA devices not to exceed 10 lbs. (5 lbs. per CSA). For use with PAN-WAY® LD Profile Raceways. Dia. = 5.5"D x 1.1"H (139mm x 29mm). Breakouts for 3/4" or 1" diameter conduit.	Off White	1	5
JBA-X	In-wall box adapter. Adapts single gang surface mount outlet boxes to in-wall conduit boxes.	—	10	100
JB1FSIW-A	Single Gang Two-Piece Snap Together Outlet Box with adhesive backing. Box accepts PAN-WAY® Snap-On Faceplates. For use with PAN-WAY® T-45 or LD Profile Raceways. 5.0"L x 3.3"W x 1.6"H (127.1mm x 82.7mm x 41.1mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray) or WH (White)

PAN-WAY® Power Rated Surface Mount Outlet Boxes

- JBX3510 assembles without the use of screws for faster installation
- JBX3510, JB1 and JB1D are supplied with adhesive backing to speed installation
- JB1 and JB1D are a one-piece design requiring no assembly


JBP1


JBP2

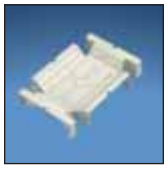
JBP1D

JBP2D

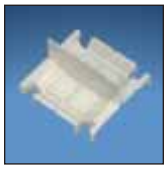
JBP1E

JBP1I

PSJBX


JBD1

JBP2S


JBD2

JBP2FS

RJBX3510

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
JBP1IW	Single Gang Two-Piece Screw Together Outlet Box. Box accepts *PAN-WAY®* Screw-On Faceplates or any NEMA standard single gang faceplate. For use with *PAN-WAY®* LD Profile Raceways. 5.2"L x 3.5"W x 1.8"H (132mm x 88mm x 44mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
JBP2IW	Double Gang Two-Piece Screw Together Outlet Box. Box accepts *PAN-WAY®* Screw-On Faceplates or any NEMA standard double gang faceplates. For use with *PAN-WAY®* LD Profile Raceways. 5.0" L x 5.0"W x 1.6"L (128mm x 128mm x 41mm). Breakouts for 1/2" or 3/4" diameter conduit.	Off White	1	10
JBP1DIW	Single Gang Two-Piece Screw Together Deep Outlet Box. Box accepts *PAN-WAY®* Screw-On Faceplates or any NEMA standard single gang faceplate. For use with *PAN-WAY®* T-45, LD2P10 (when used with JBD1), or LD Profile Raceways. 5.2"L x 3.5"W x 2.8"H (132mm x 88mm x 70mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
JBP2DIW	Double Gang Two-Piece Screw Together Deep Outlet Box. Box accepts *PAN-WAY®* Screw-On Faceplates or any NEMA standard double gang faceplate. For use with *PAN-WAY®* T-45 or LD Profile Raceways. 5.2"L x 5.2"W x 2.8"H (132mm x 132mm x 70mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
JBP1EIW	Single Gang Two-Piece Screw Together Extension Outlet Box. Box accepts *PAN-WAY®* Screw-On Faceplates or any NEMA standard single gang faceplate. For use with *PAN-WAY®* LD Profile Raceways. 5.0"L x 3.3"W x 1.0"H (127mm x 84mm x 25mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
JBP1IIW	Single Gang Two-Piece Screw Together Intermediate Outlet Box. Box accepts *PAN-WAY®* Screw-On Faceplates or any NEMA standard single gang faceplate. For use with *PAN-WAY®* LD Profile Raceways. 5.1"L x 3.4"W x 2.3"H (130mm x 86mm x 58mm). Breakouts for 1/2" or 3/4" diameter conduit.	Off White	1	10
PSJBXIW	Single Gang Two-Piece Snap Together Power Source Box. For use with *PAN-WAY®* LDP3, 5, 10, or LDS3, or 5 Profile Raceways. 5.0"L x 3.3"W x 1.3"H (128mm x 83mm x 33mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
JBD1	Single Gang Pass Through Divider. Allows power and communication outlets to be routed in series. For use with JBP1 or JBP1D when installing LD2P10 Raceway.	Off White	1	10
JBP2SIW	Double Gang Two-Piece Screw Together Divided Outlet Box. Box accepts *PAN-WAY®* Screw-On Faceplates or any NEMA standard double gang faceplate. For use with *PAN-WAY®* T-45 or LD Profile Raceways. 5.1"L x 5.1"W x 1.6"H (128mm x 128mm x 41mm). Breakouts for 1/2", or 3/4" diameter conduit.	Off White	1	10
JBD2	Double Gang Pass Through Divider. Allows power and communication outlets to be routed in series. For use with JBP2D when installing LD2P10 Raceway.	Off White	1	10
JBP2FSIW	Double Gang Two-Piece Snap Together Outlet Box. Box accepts *PAN-WAY®* Snap-On Faceplates. For use with *PAN-WAY®* T-45 or LD Profile Raceways. 5.0"L x 6.1"W x 1.6"H (127mm x156mm x 41mm). Breakouts for 1/2", 3/4", or 1" diameter conduit.	Off White	1	10
RJBX3510IW	Single Gang Two-Piece Screw Together Round Outlet Box. Box accepts UL/CSA devices not to exceed 10 lbs. (5 lbs. per CSA). For use with *PAN-WAY®* LD Profile Raceways. Dia. = 5.5"D x 1.1"H (139mm x 29mm). Breakouts for 3/4" or 1" diameter conduit.	Off White	1	5

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray) or WH (White).

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-WAY® Classic Series Faceplates for Power and Communication Applications

• For use with JBP2S or JBP2D outlet boxes

FP2DC

FP2RC

CP106

CP106**-2G

CPG

CPG**-2G

CPN

CPN**-2G

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
FP2DCIW	Covers one NEMA standard 106 duplex electrical receptacle and accepts *PANDUIT*® *MINI-COM*® 1/2-size, 1/3-size, and 2/3-size inserts. For product application, please reference LD Profile Raceway section.	Off White	1	10
FP2RCIW	Covers one NEMA standard rectangular electrical receptacle and accepts *PANDUIT*® *MINI-COM*® 1/2-size, 1/3-size, and 2/3-size inserts. For product application, please reference LD Profile Raceway section.	Off White	1	10
CP106IW	Screw-On Single Gang 106 Duplex Faceplate. Covers one NEMA standard 106 duplex electrical outlet or one standard 106 communication module frame.	Off White	1	10
CP106IW-2G	Screw-On Double Gang 106 Duplex Faceplate. Covers two NEMA standard 106 duplex electrical outlets or two standard 106 communication module frames.	Off White	1	10
CPGIW	Screw-On Single Gang Rectangular Faceplate. Covers one NEMA standard rectangular electrical outlet or one standard rectangular communication module frame.	Off White	1	10
CPGIW-2G	Screw-On Double Gang Rectangular Faceplate. Covers two NEMA standard rectangular electrical outlets or two standard rectangular communication module frames.	Off White	1	10
CPNIW	Screw-On Single Gang Blank Cover Faceplate. Can be used with *PAN-WAY*® Cove, TG-70, T-70, Twin-70, T-45 Raceway Systems, *FAST-SNAP*™ Outlet Boxes, and *PAN-POLE*™ Aluminum Outlet Pole. Supplied with two mounting screws.	Off White	1	10
CPNIW-2G	Screw-On Double Gang Blank Cover Faceplate. For use with *PAN-WAY*® Surface Mount Outlet Boxes. Supplied with four mounting screws.	Off White	1	10

‡For other colors replace suffix IW (Off White) with EI (Electric Ivory), IG (International Gray) or WH (White).
All faceplates supplied with mounting screws

Component Labels for Classic Series Power and Communication Faceplates

Suggested Label Solutions for TIA/EIA-606-A Compliance			
Faceplate Part Number	**Laser/Ink Jet Desktop Printer Label**	***VIPER***™ **LS6 Portable Printer Label**	***PANACEA***® **LS7 Hand-Held Printer Label**
CPGIW T70PGS	**C125X030FJJ**	**C125X030FJ6**	**LS7-25-1**
CPGIW-2G FP2RC	**2-C125X030FJJ**	**2-C125X030FJ6**	**LS7-25-1**
T70PG	**C261X030FJJ**	**C261X030FJ6**	**LS7-25-1**

For complete labeling solutions and product information, reference chart on pages E2.1 – E2.30.

PAN-WAY® Stainless Steel Faceplates

WPS-20

WPS-202

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
WPS-20	Stainless Steel Single Gang 106 Duplex Screw-On Faceplate. Covers one NEMA standard 106 duplex electrical outlet or one standard 106 communication module frame.	1	10
WPS-202	Stainless Steel Double Gang 106 Duplex Screw-On Faceplate. Covers two NEMA standard 106 duplex electrical outlets or two standard 106 communication module frames.	1	10

All faceplates supplied with mounting screws.

PAN-WAY® Electrical Outlets

• Electrical outlets are standard electrical devices that fit into *PAN-WAY®* outlet boxes or any NEMA standard outlet boxes

EDU20

ERU20

ETU20

EGU20

Part Number	Part Description	Color‡	Std. Pkg. Qty.
EDU20IW-X	20A 106 Duplex Outlet.	Off White	10
ERU20IW-X	20A Rectangular Outlet.	Off White	10
ETU20IW-X	20A TVSS Rectangular Outlet (transient voltage surge suppressor).	Off White	10
EGU20IW-X	20A GFCI Rectangular Outlet (ground fault circuit interrupter).	Off White	10

‡For other colors, replace IW (Off White) with EI (Electric Ivory).
All outlets supplied with mounting screws.

PAN-WAY® Surface Mount Outlet Box with 20A Electrical Outlet

• Supplied with a 20A U.S. style rectangular electrical outlet and a 20A 106 Duplex Electrical outlet.

JBP1MR20

JBP1MD20

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
JBP1MR20IW	Single Gang Two-Piece Power Rated Low Profile Snap Together Outlet Box. Includes 20A U.S. style rectangular electrical outlet. For use with *PAN-WAY®* LDPH3, 5, 10 or LDS3 or 5 Profile Raceways only. 4.8"L x 2.9"W x 1.2"H (123mm x 74mm x 31mm).	Off White	1	10
JBP1MD20IW	Single Gang Two-Piece Power Rated Low Profile Snap Together Outlet Box. Includes 20A U.S. style 106 duplex electrical outlet. For use with *PAN-WAY®* LDPH3, 5, 10 or LDS3 or 5 Profile Raceways only. 4.8"L x 2.9"W x 1.2"H (123mm x 74mm x 31mm).	Off White	1	10

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Selection Chart for using *PAN-WAY*® Surface Raceway with *PAN-WAY*® Surface Mount Outlet Boxes

How to use this chart:

1. **Locate the desired *PAN-WAY*® Raceway in the left column.**
2. **Locate the desired *PAN-WAY*® Outlet Box in the top row.**
3. **Match up the raceway with the outlet box to see if they are compatible. (Y = yes, N = no).**
4. **Select correct surface mount outlet box.**

	***PAN-WAY*® Surface Mount Outlet Boxes**								
	Low Voltage or Fiber Optic ONLY	**Power, Low Voltage or Fiber Optic**							
	JB1, JB1D JB1FS JBX3510	**RJBX3510**	**JBP1**	**JBP1D**	**JBP1E**	**JBP1I JBP2**	**JBP2S JBP2D JBP2FS**	**JBP1MR20 JBP1MD20**	**PSJBX**
Type LD (Low Voltage or Fiber Optic ONLY)									
LD3	Y	Y	Y	Y	Y	Y	Y	N	Y
LD5	Y	Y	Y	Y	Y	Y	Y	N	Y
LD10	Y	Y	Y	Y	Y	Y	Y	N	Y
Type LDPH (Power, Low Voltage or Fiber Optic)									
LDPH3	Y	Y	Y	Y	Y	Y	Y	Y	Y
LDPH5	Y	Y	Y	Y	Y	Y	Y	Y	Y
LDPH10	Y	Y	Y	Y	Y	Y	Y	Y	Y
Type LDS (Power, Low Voltage or Fiber Optic)									
LDS3	Y	Y	Y	Y	Y	Y	Y	Y	Y
LDS5	Y	Y	Y	Y	Y	Y	Y	Y	Y
Type LD2P10 (Power, Low Voltage or Fiber Optic)									
LD2P10	N	N	N	Y w/JBD1	N	N	Y	N	N
Type T-45 (Power, Low Voltage or Fiber Optic)									
T-45	Y (JB1FS and JBX3510)	N	N	Y	N	N	Y	N	N

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Notes

PAN-WAY® LD PROFILE NON-METALLIC SURFACE RACEWAY

PAN-WAY® LD Profile Raceway is available in single and multi-channel styles to provide a solution for routing copper, fiber optic and power cabling along fixed perimeter walls.

- **LD2P10 features one-piece multi-channel design for both power and data applications**
- **LDPH features one-piece single channel design and a tamper resistant latch for power OR data applications**
- **LD features one-piece single channel design for data routing**
- **LDS features one-piece single channel tamper resistant design with maximum security for power OR data applications.**

PAN-WAY® LD Profile Raceways include a full complement of fittings for standard, bend radius control, power rated and multi-channel use, and transition easily to other *PANDUIT* raceway such as Cove, TG-70, T-70, Twin-70 and T-45.

A. System Overview
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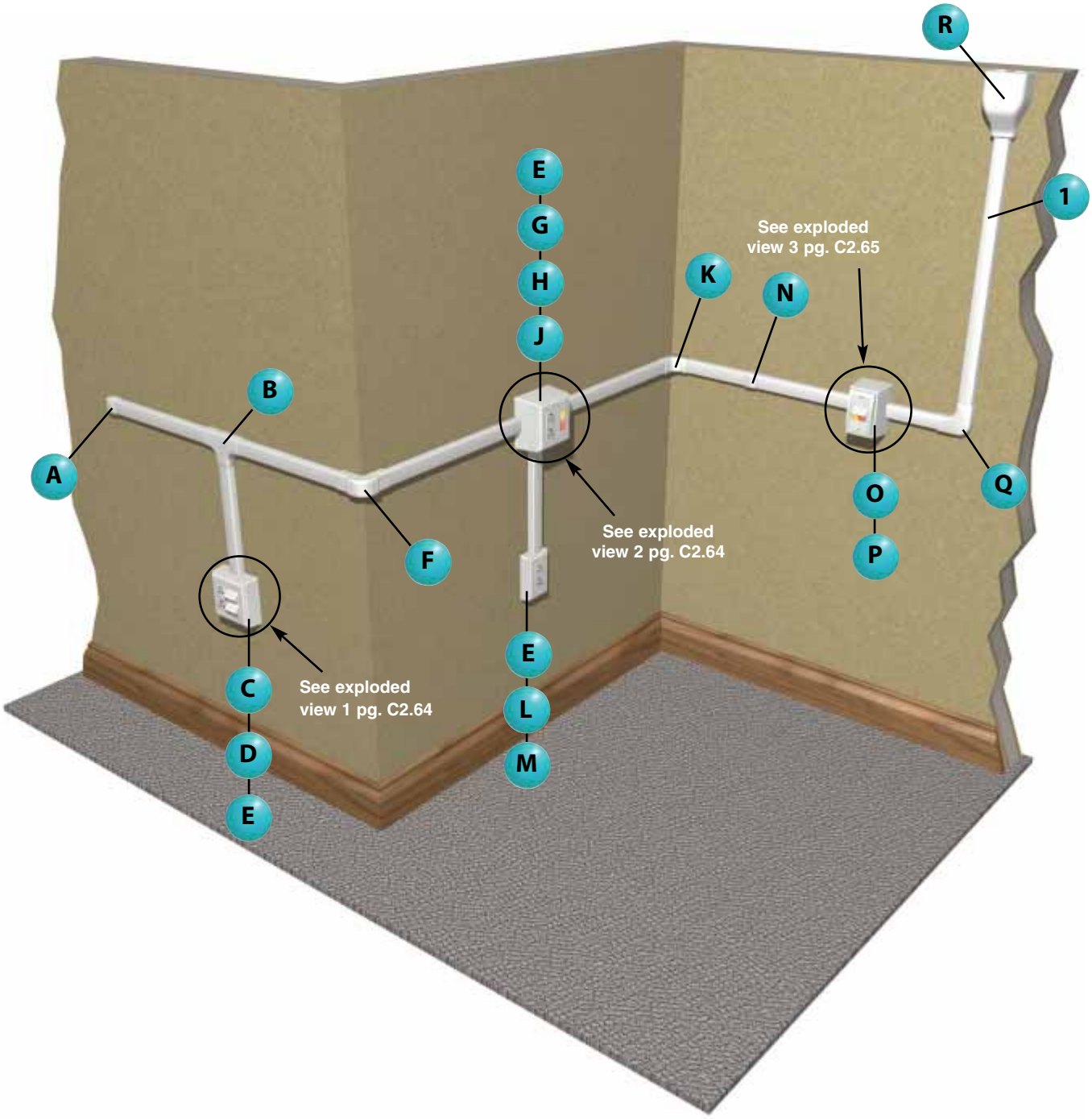
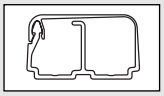
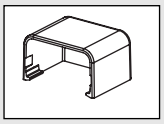
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

LD2P10 Profile Raceway Roadmap

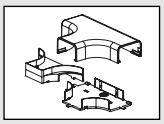




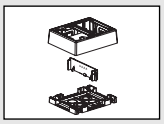
1 LD2P10 – Raceway (page C2.75)



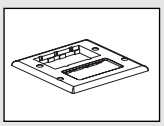
A ECFX10** – Power Rated End Cap Fitting (page C2.75)



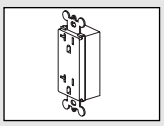
B TFXD10** – 1" Bend Radius Tee Fitting (page C2.75)



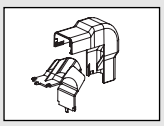
C JBP2S** – Power Rated Double Gang Three-Piece Divided Box (page C2.58)



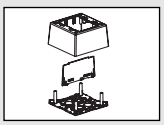
D FP2RC** – Double Gang Rectangular Electrical & 2 Communication Insert Faceplate (page C2.59)



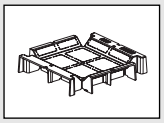
E ERU20** – 20 A Rectangular Electrical Outlet (page C2.60)



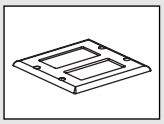
F OCFX10** – 1" Bend Radius Outside Corner Fitting (page C2.75)



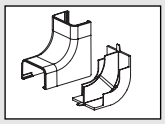
G JBP2D** – Power Rated Double Gang Two-Piece Deep Box (page C2.58)



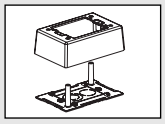
H JBD2 – Double Gang Pass Through and Divider for LD2P10 Raceway (page C2.58)



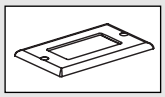
J CPG**-2G – Double Gang Rectangular Screw-On Faceplate (page C2.59)



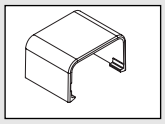
K ICFX10** – Power Rated Inside Corner Fitting (page C2.75)



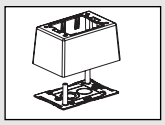
L JBP1** – Power Rated Single Gang Two-Piece Box (page C2.58)



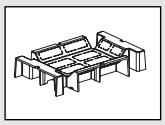
M CPG** – Single Gang Rectangular Screw-On Faceplate (page C2.59)



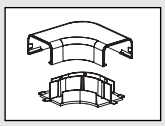
N CFX10** – Power Rated Coupler Fitting (page C2.75)



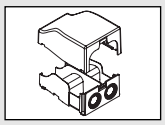
O JBP1D** – Single Gang Two-Piece Deep Box (page C2.58)



P JBD1 – Single Gang Pass Through Divider for LD2P10 Raceway (page C2.58)



Q RAFX10** – Power Rated Right Angle Fitting (page C2.75)

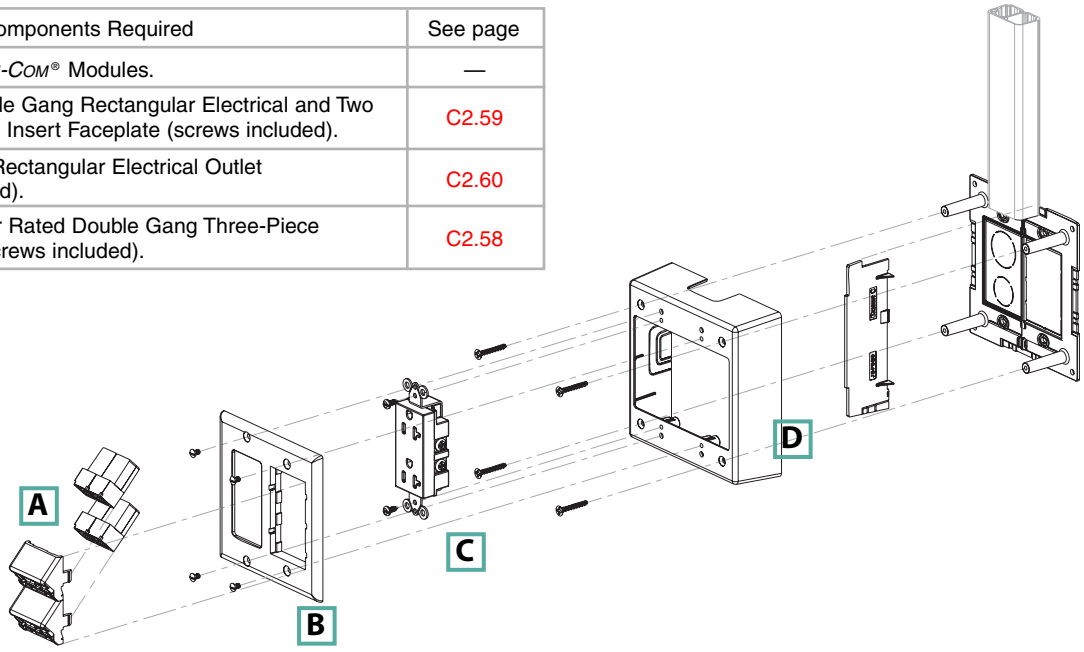


R EEFX** – Power Rated/1" Bend Radius Entrance End Fitting (page C2.75)

LD2P10 Configurations

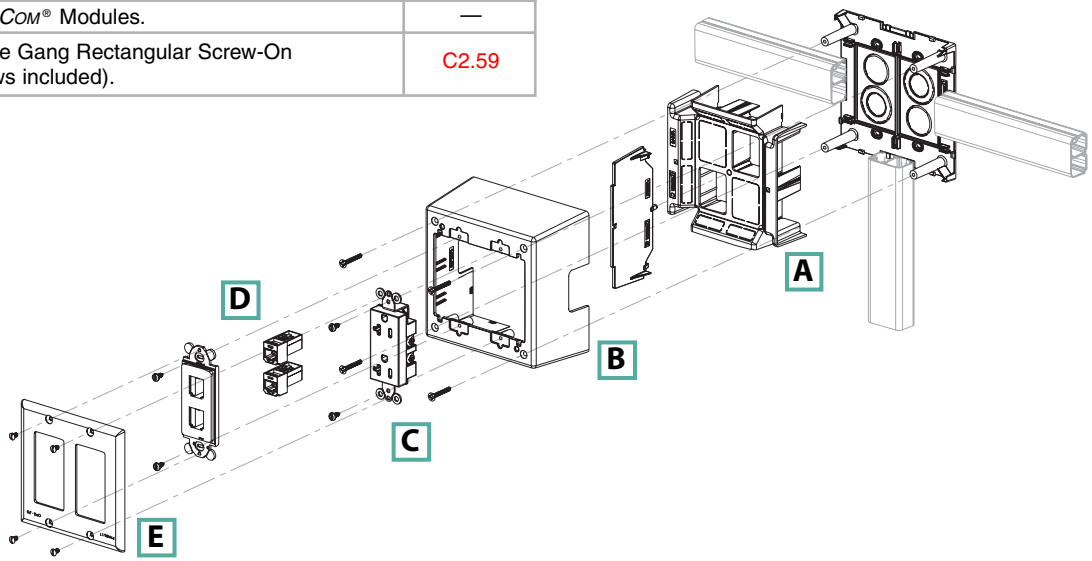
Exploded view 1

	Components Required	See page
A.	*PANDUIT® MINI-COM®* Modules.	—
B.	FP2RC = Double Gang Rectangular Electrical and Two Communication Insert Faceplate (screws included).	C2.59
C.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
D.	JBP2S = Power Rated Double Gang Three-Piece Divided Box (screws included).	C2.58



Exploded view 2

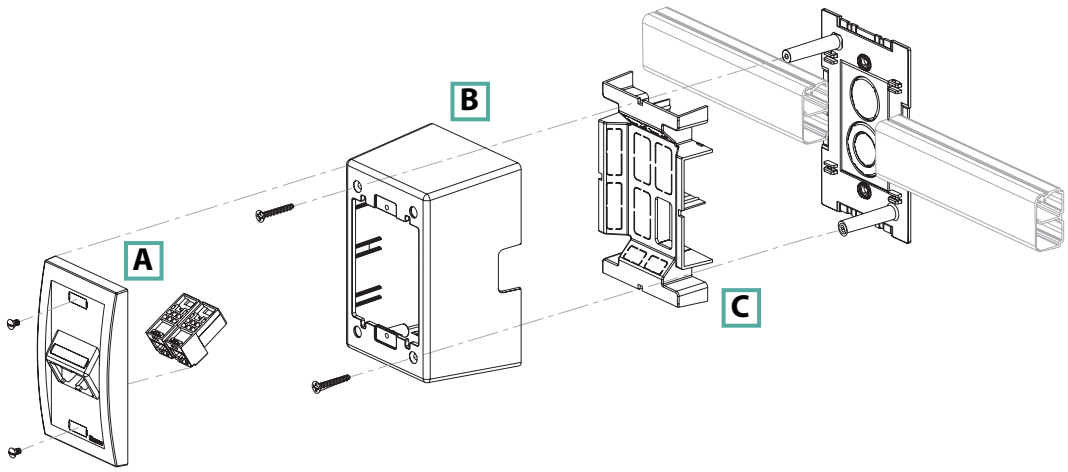
	Components Required	See page
A.	JBD2 = Double Gang Pass Through Divider for LD2P10 Raceway.	C2.58
B.	JBP2D = Power Rated Double Gang Two-Piece Deep Box.	C2.58
C.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
D.	*PANDUIT® MINI-COM®* Modules.	—
E.	CPG2G = Double Gang Rectangular Screw-On Faceplate (screws included).	C2.59



LD2P10 Configurations (continued)

Exploded view 3

	Components Required	See page
A	*PANDUIT® MINI-COM®* Modules.	—
B	JBP1D = Power Rated Single Gang Two-Piece Deep Box (screws included).	C2.58
C	JBD1 = Single Gang Pass Through Divider for LD2P10 Raceway.	C2.58



A. System Overview
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C2. Surface Raceway
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C4. Cable Management
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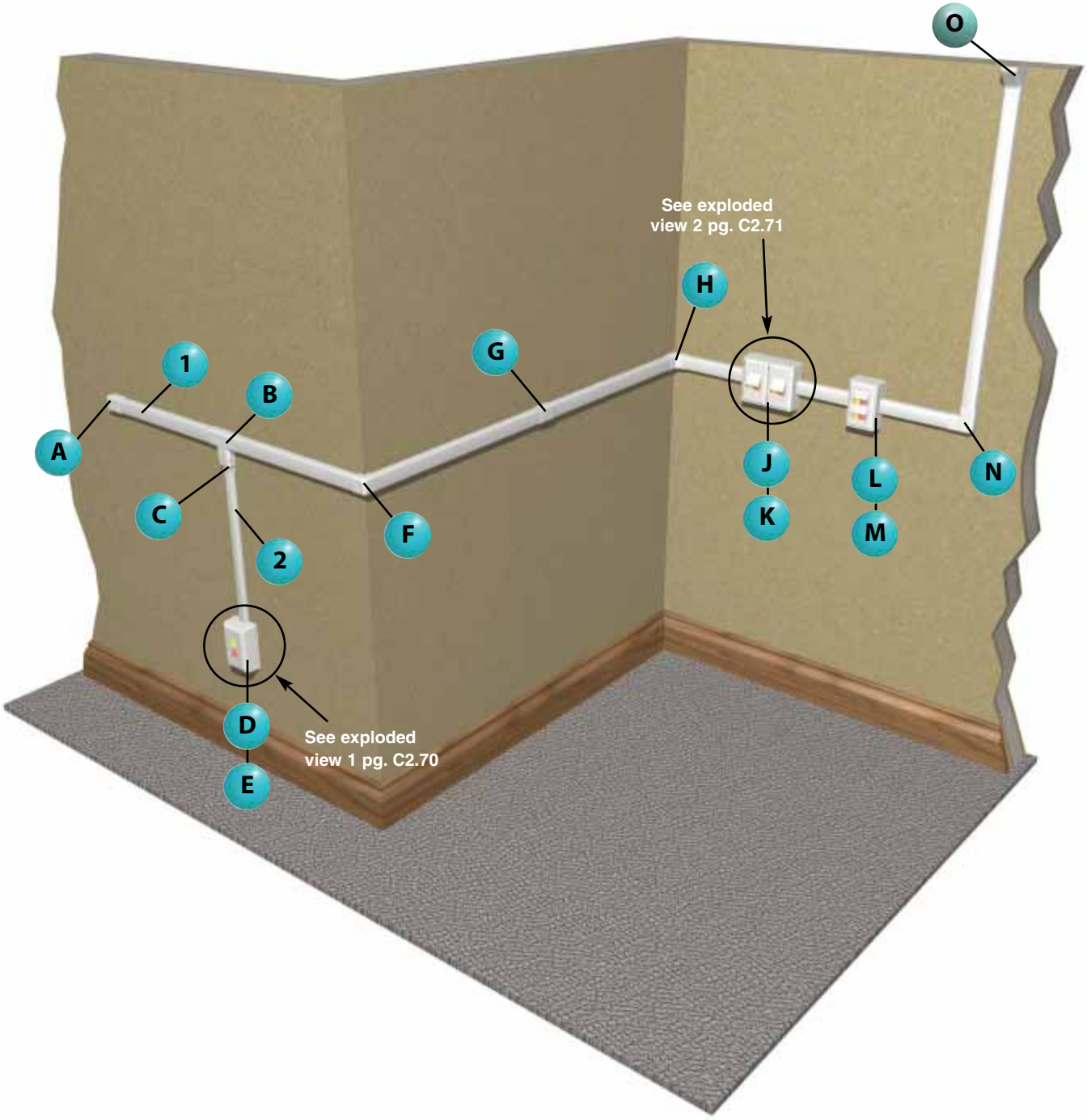
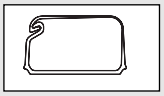
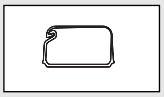
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

LD Profile Raceway Roadmap

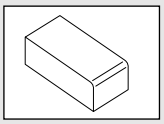




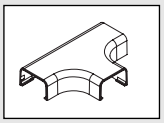
1 **LD10 – Raceway (page C2.76)**



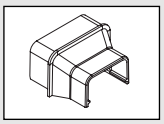
2 **LD5 – Raceway (page C2.76)**



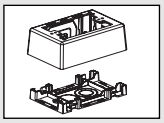
A **ECF10** – End Cap Fitting (page C2.79)**



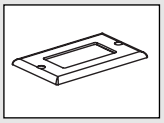
B **TF10** – Tee Fitting (page C2.79)**



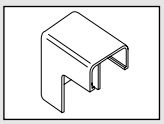
C **RF10X5** – Reducer Fitting (page C2.79)**



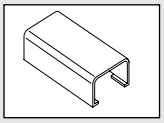
D **JBX3510** – Single Gang Two-Piece Snap-Together Box (page C2.57)**



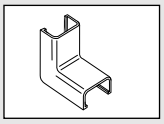
E **CPG** – Single Gang Rectangular Screw-On Faceplate (page C2.59)**



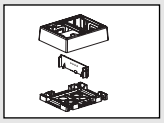
F **OCF10** – Outside Corner Fitting (page C2.79)**



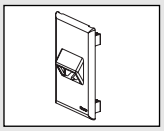
G **CF10** – Coupler Fitting (page C2.79)**



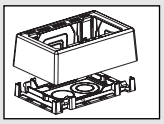
H **ICF10** – Inside Corner Fitting (page C2.79)**



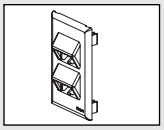
J **JBP2FS** – *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box (page C2.58)**



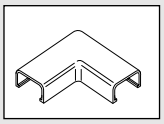
K **T70FV2** – Snap-On Vertical Sloped Communication Faceplate (page C2.52)**



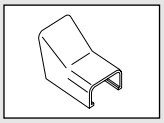
L **JB1FS** – *FAST-SNAP*™ Single Gang Surface Mount Outlet Box (page C2.52)**



M **T70FV4** – Snap-On Vertical Sloped Communication Faceplate (page C2.52)**



N **RAF10** – Right Angle Fitting (page C2.79)**

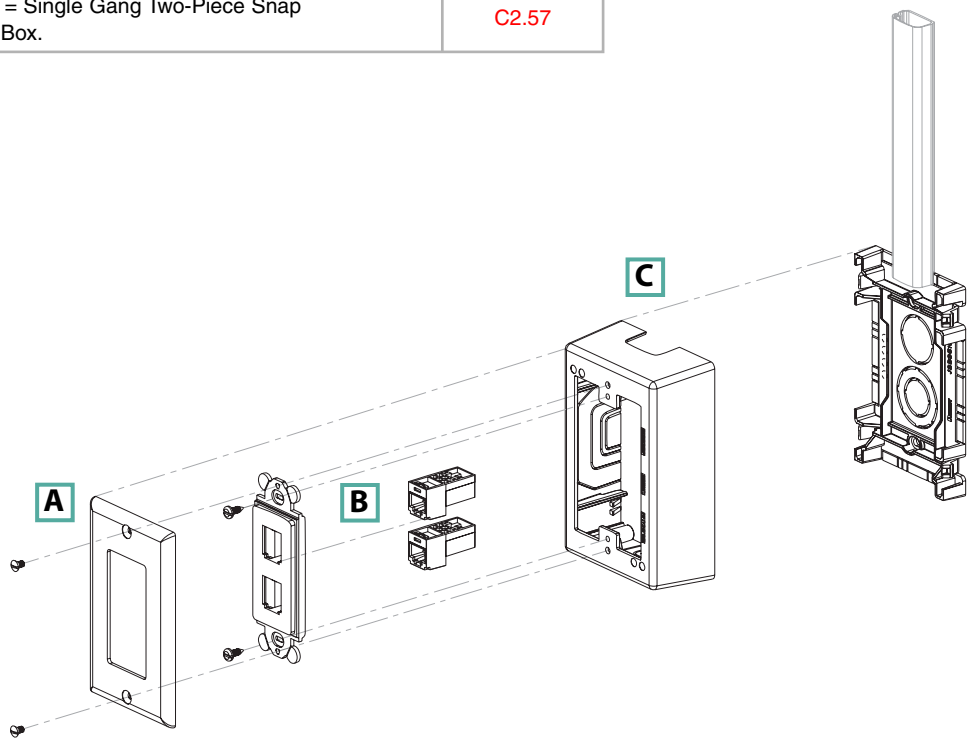


O **DCF10** – Drop Ceiling/Entrance End Fitting (page C2.79)**

LD Configurations

Exploded view 1

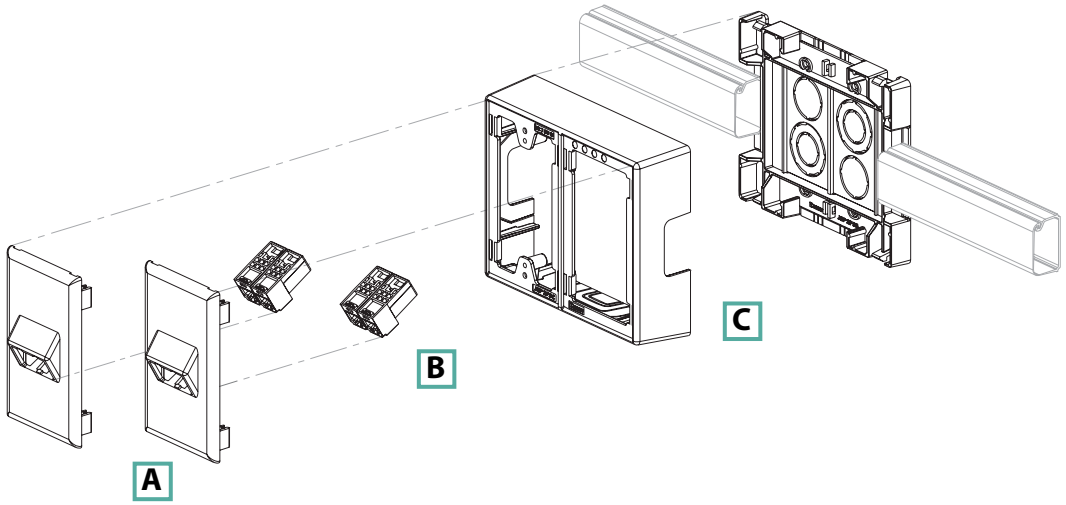
	Components Required	See page
A.	CPG = Single Gang Rectangular Screw-On Faceplate (screws included).	C2.59
B.	*PANDUIT® MINI-COM®* Modules.	—
C.	JBX3510 = Single Gang Two-Piece Snap Together Box.	C2.57



LD Configurations (continued)

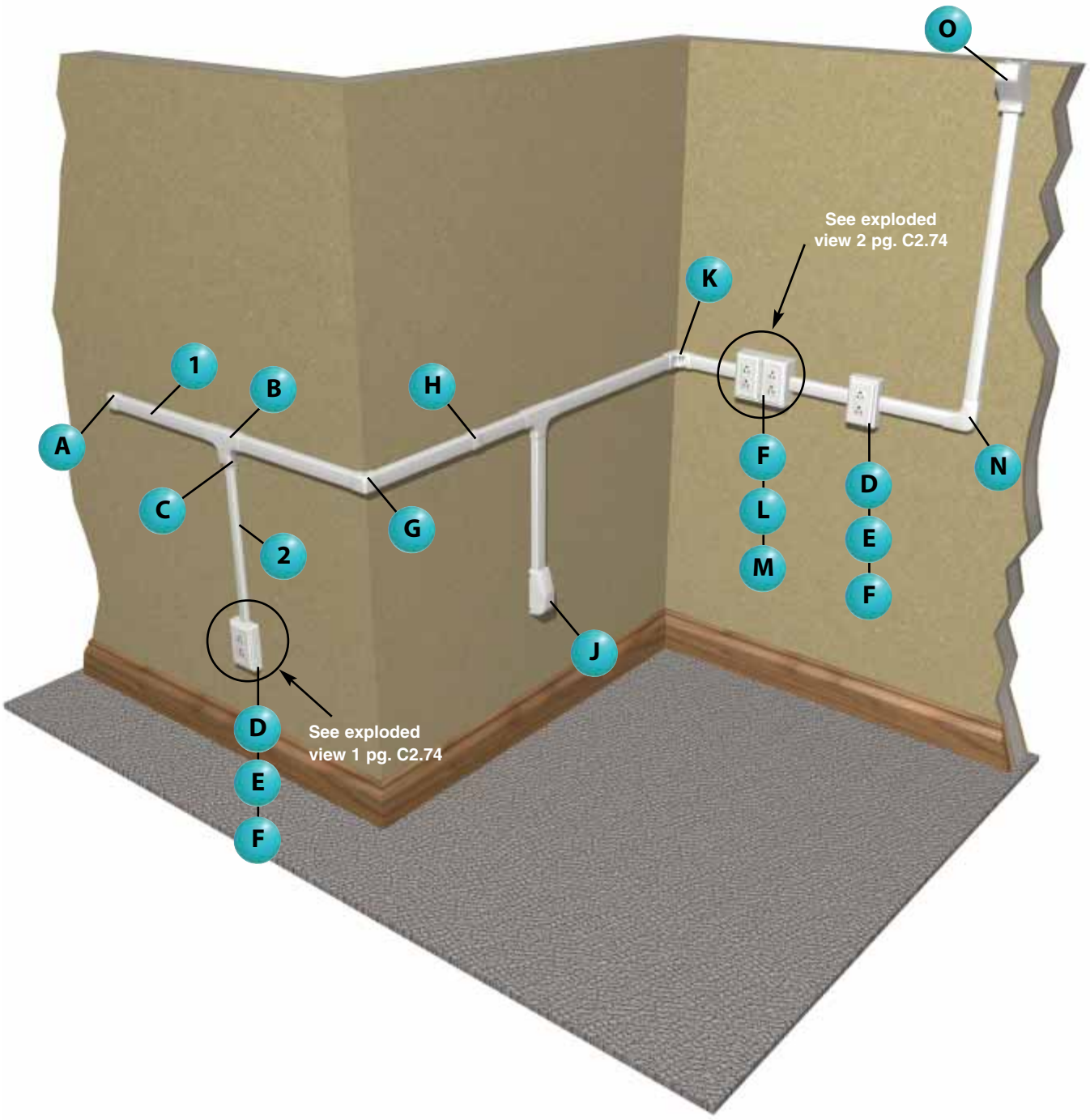
Exploded view 2

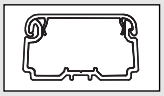
	Components Required	See page
A.	T70FV2 = Snap-On Vertical Sloped Communication Faceplate – Two Port.	C2.52
B.	*PANDUIT*® *MINI-COM*® Modules.	—
C.	JBP2FS = *FAST-SNAP*™ Double Gang Power Rated Surface Mount Outlet Box.	C2.52



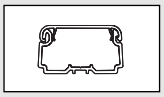
A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

LDPH Profile Raceway Roadmap

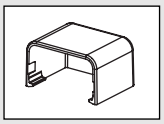




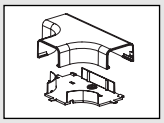
1 LDPH10 – Raceway (page C2.77)



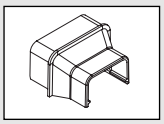
2 LDPH5 – Raceway (page C2.77)



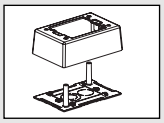
A ECFX10** – Power Rated/1" Bend Radius End Cap Fitting (page C2.81)



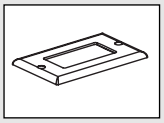
B TFX10** – Power Rated/1" Bend Radius Tee Fitting (page C2.81)



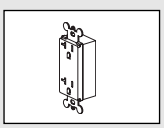
C RFX105** – Power Rated/1" Bend Radius Reducer Fitting (page C2.81)



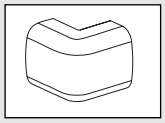
D JBP1** – Power Rated Single Gang Two-Piece Box (page C2.58)



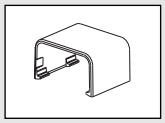
E CPG** – Single Gang Rectangular Screw-On Faceplate (page C2.59)



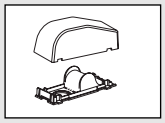
F ERU20** – 20 A Rectangular Electrical Outlet (page C2.60)



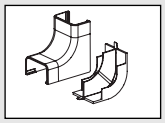
G OCFC10** – Power Rated Outside Corner Fitting (page C2.81)



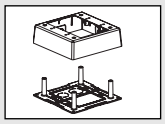
H CFX10** – Power Rated/1" Bend Radius Coupler Fitting (page C2.81)



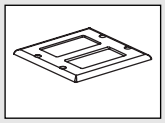
J RAEFX** – Power Rated/1" Bend Radius Right Angle Entrance End Fitting (page C2.81)



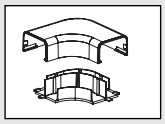
K ICFX10** – Power Rated Inside Corner Fitting (page C2.81)



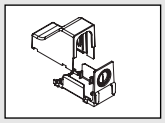
L JBP2** – Power Rated Double Gang Two-Piece Box (page C2.58)



M CPG**-2G – Double Gang Rectangular Screw-On Faceplates (page C2.59)



N RAFX10** – Power Rated Right Angle Fitting (page C2.81)

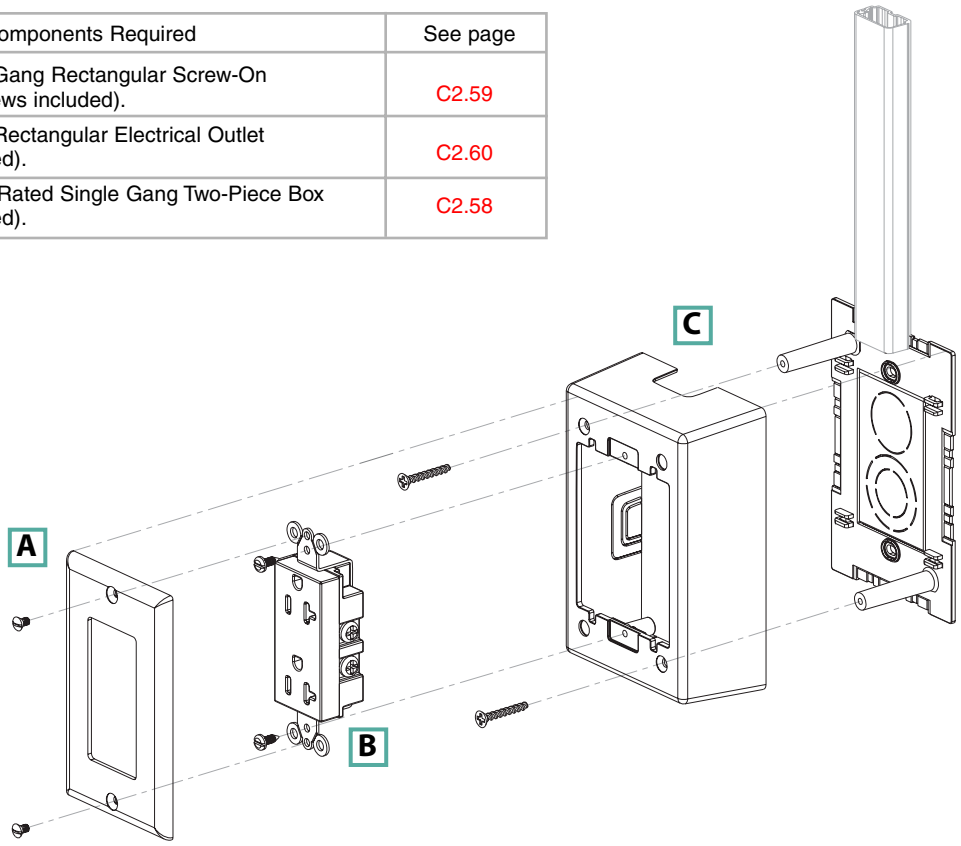


O DCEFX** – Power Rated/1" Bend Radius Drop Ceiling Entrance End Fitting (page C2.81)

LDPH Configurations

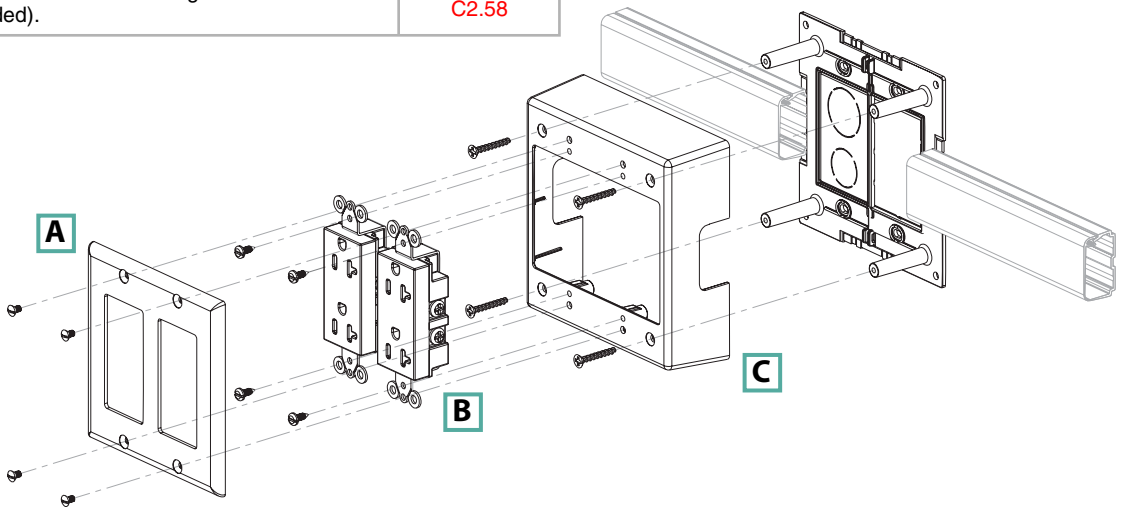
Exploded view 1

	Components Required	See page
A.	CPG = Single Gang Rectangular Screw-On Faceplate (screws included).	C2.59
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	JBP1 = Power Rated Single Gang Two-Piece Box (screws included).	C2.58



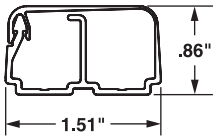
Exploded view 2

	Components Required	See page
A.	CPG**2G = Double Gang Rectangular Screw-On Faceplate (screws included).	C2.59
B.	ERU20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	JBP2 = Power Rated Double Gang Two-Piece Box (screws included).	C2.58



PAN-WAY® Type LD2P10 Multi-Channel Surface Raceway System

- UL and CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Routes power and data together
- One-piece hinged design allows cables to be laid in
- Tamper resistant
- Factory applied adhesive backing speeds installation
- FT-4 Rated for Canada
- Terminates using JBP1D, JBP2D, JBP2FS, or JBP2S surface mount outlet box solutions



Left Internal Area = .43 Sq. In.
Right Internal Area = .50 Sq. In.

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
LD2P10IW8-A	Two channel tamper resistant one-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 8' and 10' lengths.	1.51" x .86"	Off White	8	160
LD2P10IW10-A				10	200

LD2P Raceway requires screw mounting if it is being used for power cabling applications.
Order number of feet required in multiples of standard length increments.
‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

Multi-Channel Fittings for LD2P10

- Multi-channel fittings for LD2P10 are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems

CFX10

RAFX10

ICFX10

OCFX10

TFXD10

ECFX10

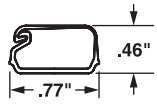
EEFX

Part Number	Part Description	Color‡	Std. Pkg. Qty.
CFX10IW-X	Coupler Fitting for use with LD10, LDPH10, and LD2P10 Raceways.	Off White	10
RAFX10IW-X	Right Angle Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
ICFX10IW-X	Inside Corner Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
OCFX10IW-X	Outside Corner Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
TFXD10IW-X	Tee Fitting with divided insert to maintain separation of power and data cabling. For use with LD2P10 Raceway.	Off White	10
ECFX10IW-X	End Cap Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
EEFXIW	Entrance End Fitting for LD2P10 Raceway. Breakouts for 1/2", 3/4", and 1" diameter conduit.	Off White	1

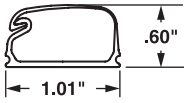
‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray) or WH (White).

PAN-WAY® LD Surface Raceway System

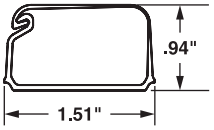
- For routing data and low voltage cabling
- One-piece hinged design allows cables to be laid in
- Factory applied adhesive backing speeds installation
- FT-4 Rated for Canada
- Terminates using surface mount outlet box solutions or *PANDUIT® MINI-COM®* Surface Mount Boxes



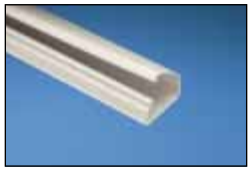
LD3
Internal Area = .21 Sq. In.



LD5
Internal Area = .38 Sq. In.



LD10
Internal Area = 1.00 Sq. In.



LD3

LD5

LD10

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
LD3 – Surface Raceway					
LD3IW6-A	One-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6', 8', and 10' lengths.	.77" x .46"	Off White	6	120
LD3IW8-A				8	160
LD3IW10-A				10	200
LD5 – Surface Raceway					
LD5IW6-A	One-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6', 8', and 10' lengths.	1.00" x .60"	Off White	6	120
LD5IW8-A				8	160
LD5IW10-A				10	200
LD10 – Surface Raceway					
LD10IW6-A	One-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 6', 8', and 10' lengths.	1.51" x .94"	Off White	6	120
LD10IW8-A				8	160
LD10IW10-A				10	200

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).
Order number of feet required in multiples of standard length increments.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

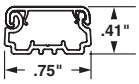
PAN-WAY® LDPH Surface Raceway System

- UL and CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Two-piece hinged design allows cables to be laid in
- Tamper resistant
- Factory applied adhesive backing speeds installation
- FT-4 Rated for Canada
- Terminates using surface mount outlet box solutions or *PANDUIT*® *MINI-COM*® Surface Mount Boxes

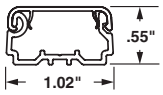
LDPH3

LDPH5

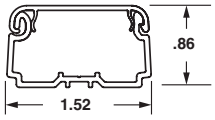
LDPH10



LDPH3
Internal Area = .17 Sq. In.



LDPH5
Internal Area = .33 Sq. In.



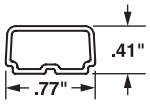
LDPH10
Internal Area = .89 Sq. In.

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
LDPH3 – Surface Raceway					
LDPH3IW8-A	Tamper resistant one-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 8' and 10' lengths.	.77" x .46"	Off White	8	160
LDPH3IW10-A				10	200
LDPH5 – Surface Raceway					
LDPH5IW8-A	Tamper resistant one-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 8' and 10' lengths.	1.00" x .60"	Off White	8	160
LDPH5IW10-A				10	200
LDPH10 – Surface Raceway					
LDPH10IW8-A	Tamper resistant two-piece latching surface raceway. Supplied with pre-applied adhesive backed tape. Available in 8' and 10' lengths.	1.52" x .86"	Off White	8	160
LDPH10IW10-A				10	200

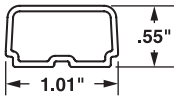
LDPH Raceway requires screw mounting for power cabling applications.
Order number of feet required in multiples of standard length increments.
‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

PAN-WAY® LDS Surface Raceway System

- UL and CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Tamper resistant non-hinged design
- Factory applied adhesive backing speeds installation
- FT-4 Rated for Canada
- Type LDS is **the only non-metallic raceway that is bendable** in low voltage applications to route around and over obstructions
- LDS Raceway requires screw mounting using the LMD mounting straps for power cabling installations
- Terminates using surface mount outlet box solutions or *PANDUIT*® *MINI-COM*® Surface Mount Boxes



LDS3
Internal Area = .21 Sq. In.



LDS5
Internal Area = .38 Sq. In.

LDS3

LDS5

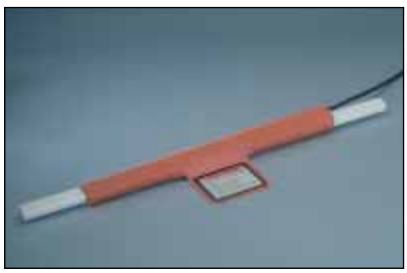
LMD3
LMD5

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
LDS3 – Surface Raceway					
LDS3IW10-A	Tamper resistant one-piece surface raceway. Supplied with pre-applied adhesive backed tape. Available in 10' lengths.	.77" x .41"	Off White	10	200
LDS5 – Surface Raceway					
LDS5IW10-A	Tamper resistant one-piece surface raceway. Supplied with pre-applied adhesive backed tape. Available in 10' lengths.	1.01" x .55"	Off White	10	200
Mounting Straps					
LMD3IW-Q	For use with LDS3 Raceway.	Size 3	Off White	—	100
LMD5IW-Q	For use with LDS5 Raceway.	Size 5	Off White	—	100

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray) or WH (White).
Order number of feet required in multiples of standard length increments.

Method for Bending Type LDS Raceway (Low Voltage Applications)

1) Slide 18" to 30" section of LDS Raceway into PVC pipe heating blanket. *(Recommended blanket designed for bending 1/2" to 1 1/2" PVC conduit.)



2) Allow section to heat approximately 2-3 minutes. Raceway will be soft and pliable, but should not stretch. (Time will vary with blanket temperature and raceway size.)

3) Remove raceway section from blanket and hold in desired position until the raceway cools. Install mounting straps immediately.

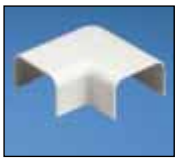
*Heating blanket not offered by *PANDUIT*.

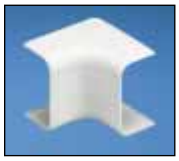
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

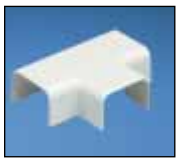
Standard Fittings for Low Voltage Applications

CF


RAF


ICF

OCF


TF

ECF

CRFC

DCF

FBA

RF

Part Number	Part Description	Color‡	Std. Pkg. Qty.
CF3IW-E	Coupler Fitting for use with LD3 Raceway.	Off White	20
CF5IW-E	Coupler Fitting for use with LD5 Raceway.	Off White	20
CF10IW-X	Coupler Fitting for use with LD10 Raceway.	Off White	10
RAF3IW-E	Right Angle Fitting for use with LD3 Raceway.	Off White	20
RAF5IW-E	Right Angle Fitting for use with LD5 Raceway.	Off White	20
RAF10IW-X	Right Angle Fitting for use with LD10 Raceway.	Off White	10
ICF3IW-E	Inside Corner Fitting for use with LD3 Raceway.	Off White	20
ICF5IW-E	Inside Corner Fitting for use with LD5 Raceway.	Off White	20
ICF10IW-X	Inside Corner Fitting for use with LD10 Raceway.	Off White	10
OCF3IW-E	Outside Corner Fitting for use with LD3 Raceway.	Off White	20
OCF5IW-E	Outside Corner Fitting for use with LD5 Raceway.	Off White	20
OCF10IW-X	Outside Corner Fitting for use with LD10 Raceway.	Off White	10
TF3IW-E	Tee Fitting for use with LD3 Raceway.	Off White	20
TF5IW-E	Tee Fitting for use with LD5 Raceway.	Off White	20
TF10IW-X	Tee Fitting for use with LD10 Raceway.	Off White	10
ECF3IW-E	End Cap Fitting for use with LD3 Raceway.	Off White	—
ECF5IW-E	End Cap Fitting for use with LD5 Raceway.	Off White	—
ECF10IW-X	End Cap Fitting for use with LD10 Raceway.	Off White	—
CRFC5IW-X	Four Way Cross Fitting for use with LD5, LDPH5, and LDS5 Raceways.	Off White	10
DCF3IW-X	Drop Ceiling/Entrance End Fitting for use with LD3 Raceway.	Off White	10
DCF5IW-X	Drop Ceiling/Entrance End Fitting for use with LD5 Raceway.	Off White	10
DCF10IW-X	Drop Ceiling/Entrance End Fitting for use with LD10 Raceway.	Off White	10
FBA5IW-X	Fire Box Adapter for use with LD5/LDPH5 Profile Raceways. **NOTE:** For low voltage applications only.	Off White	10
FBA10IW-X	Fire Box Adapter for use with LD10/LDPH10 Profile Raceways. **NOTE:** For low voltage applications only.	Off White	10
RF5X3IW-E	Reducer Fitting for LD Raceway from size 5 to size 3. For use with LD5 and LD3 Raceways.	Off White	20
RF10X3IW-X	Reducer Fitting for LD Raceway from size 10 to size 3. For use with LD3 and LD10 Raceways.	Off White	10
RF10X5IW-X	Reducer Fitting for LD Raceway from size 10 to size 5. For use with LD5 and LD10 Raceways.	Off White	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

One Inch Bend Radius Fittings for TIA/EIA Compliance

- One inch bend radius fittings are designed to maintain the TIA/EIA-568-B and 569-B required minimum bend radius for high performance copper and fiber optic cabling systems.

CFX

RAFC

ICFC

OCFX

TFC

CRFC5

ECFX

DCEFX

RAEFX

RFX

Part Number	Part Description	Color‡	Std. Pkg. Qty.
CFX3IW-X	Coupler Fitting for use with LD3, LDPH3, and LDS3 Raceways.	Off White	10
CFX5IW-X	Coupler Fitting for use with LD5, LDPH5, and LDS5 Raceways.	Off White	10
CFX10IW-X	Coupler Fitting for use with LD10, LDPH10, and LD2P10 Raceways.	Off White	10
RAFC3IW-X	Right Angle Fitting for use with LD3, LDPH3 and LDS3 Raceways.	Off White	10
RAFC5IW-X	Right Angle Fitting for use with LD5, LDPH5 and LDS5 Raceways.	Off White	10
RAFC10IW-X	Right Angle Fitting for use with LD10 and LDPH10 Raceways.	Off White	10
ICFC3IW-X	Inside Corner Fitting for use with LD3, LDPH3, and LDS3 Raceways.	Off White	10
ICFC5IW-X	Inside Corner Fitting for use with LD5, LDPH5, and LDS5 Raceways.	Off White	10
ICFC10IW-X	Inside Corner Fitting for use with LD10 and LDPH10 Raceways.	Off White	10
OCFX3IW-X	Outside Corner Fitting for use with LDPH3 and LDS3 Raceways.	Off White	10
OCFX5IW-X	Outside Corner Fitting for use with LDPH5 and LDS5 Raceways.	Off White	10
OCFX10IW-X	Outside Corner Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
TFC3IW-X	Tee Fitting for use with LD3, LDPH3, and LDS3 Raceways.	Off White	10
TFC5IW-X	Tee Fitting for use with LD5, LDPH5, and LDS5 Raceways.	Off White	10
TFC10IW-X	Tee Fitting for use with LD10 and LDPH10 Raceways.	Off White	10
CRFC5IW-X	Four Way Cross Fitting for use with LD5, LDPH5, and LDS5 Raceways.	Off White	10
ECFX3IW-X	End Cap Fitting for use with LDPH3 and LDS3 Raceways.	Off White	10
ECFX5IW-X	End Cap Fitting for use with LDPH5 and LDS5 Raceways.	Off White	10
ECFX10IW-X	End Cap Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
DCEFXIW-X	Drop Ceiling/Entrance End Fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, LDS5, LD10, and LDPH10 Raceways. Use CA3 or CA5 adapters for LD3 or LD5 Profile Raceways.	Off White	10
RAEFXIW-X	Right Angle/Entrance End Fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, LDS5, LD10, and LDPH10 Raceways. CA3 or CA5 adapters for LD3 or LD5 Profile Raceways.	Off White	10
RFX53IW-X	Reducer Fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, and LDS5 Raceways.	Off White	10
RFX103IW-X	Reducer Fitting for use with LD3, LDPH3, LDS3, LD10, and LDPH10 Raceways.	Off White	10
RFX105IW-X	Reducer Fitting for use with LD5, LDPH5, LDS5, LD10, and LDPH10 Raceways.	Off White	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Power Rated Fittings for Power to 600V – LDPH/LDS/LD2P Raceway Only

CFX

RAFX

ICFX

OCFC

TFX

CRFX

CEFX

ECFX

DCEFX

RAEFX

RFX

Part Number	Part Description	Color‡	Std. Pkg. Qty.
CFX3IW-X	Coupler Fitting for use with LD3, LDPH3, and LDS3 Raceways.	Off White	10
CFX5IW-X	Coupler Fitting for use with LD5, LDPH5, and LDS5 Raceways.	Off White	10
CFX10IW-X	Coupler Fitting for use with LD10, LDPH10, and LD2P10 Raceways.	Off White	10
RAFX3IW-X	Right Angle Fitting for use with LDPH3 and LDS3 Raceways.	Off White	10
RAFX5IW-X	Right Angle Fitting for use with LDPH5 and LDS5 Raceways.	Off White	10
RAFX10IW-X	Right Angle Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
ICFX3IW-X	Inside Corner Fitting for use with LDPH3 and LDS3 Raceways.	Off White	10
ICFX5IW-X	Inside Corner Fitting for use with LDPH5 and LDS5 Raceway.	Off White	10
ICFX10IW-X	Inside Corner Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
OCFC3IW-X	Outside Corner Fitting for use with LDPH3 and LDS3 Raceways.	Off White	10
OCFC5IW-X	Outside Corner Fitting for use with LDPH5 and LDS5 Raceways.	Off White	10
OCFC10IW-X	Outside Corner Fitting for use with LDPH10 Raceway only.	Off White	10
TFX3IW-X	Tee Fitting for use with LDPH3 and LDS3 Raceways.	Off White	10
TFX5IW-X	Tee Fitting for use with LDPH5 and LDS5 Raceways.	Off White	10
TFX10IW-X	Tee Fitting for use with LDPH10 Raceway only.	Off White	10
CRFX5IW-X	Four Way Cross Fitting for use with LD5, LDPH5, and LDS5 Raceways.	Off White	10
CEFXIW-X	Conduit Entrance End Fitting. This power rated two-piece fitting is designed to accommodate the entrance of 1/2" conduit or align with knockouts on surface mount electrical boxes. For use with LD3/LDPH3 and has breakouts available to work with LD5/LDPH5 and LD10/LDPH10. Cover and base snap together – no hardware is required.	Off White	10
ECFX3IW-X	End Cap Fitting for use with LDPH3 and LDS3 Raceways.	Off White	10
ECFX5IW-X	End Cap Fitting for use with LDPH5 and LDS5 Raceways.	Off White	10
ECFX10IW-X	End Cap Fitting for use with LDPH10 and LD2P10 Raceways.	Off White	10
DCEFXIW-X	Drop Ceiling/Entrance End Fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, LDS5, LD10, and LDPH10 Raceways. Use CA3 or CA5 adapters for LD3 or LD5 Profile Raceways.	Off White	10
RAEFXIW-X	Right Angle/Entrance End Fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, LDS5, LD10, and LDPH10 Raceways. CA3 or CA5 adapters for LD3 or LD5 Profile Raceways.	Off White	10
RFX53IW-X	Reducer Fitting for use with LD3, LDPH3, LDS3, LD5, LDPH5, and LDS5 Raceway.	Off White	10
RFX103IW-X	Reducer Fitting for use with LD3, LDPH3, LDS3, LD10, and LDPH10 Raceway	Off White	10
RFX105IW-X	Reducer Fitting for use with LD5, LDPH5, LDS5, LD10, and LDPH10 Raceways.	Off White	10

‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

Raceway Adapters for LD Raceway

- Fits into universal breakout of DCEFX or RAEFX fittings
- For use with Types LD3, LDPH3, and LDS3 and LD5, LDPH5, and LDS5 Raceways

CA3
CA5

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
CA3IW-X	Fits into universal breakout of DCEFX or RAEFX fittings. For use LD3, LDPH3, and LDS3 Raceways.	Off White	10	50
CA5IW-X	Fits into universal breakout of DCEFX or RAEFX fittings. For use LD5, LDPH5, and LDS5 Raceways.	Off White	10	50

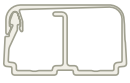
‡For other colors replace IW (Off White) with EI (Electric Ivory), IG (International Gray), or WH (White).

Cable Fill Capacities for LD Profile Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.

LD3	LD5	LD10
.21 in²	.38 in²	1.00 in²

LDPH3	LDPH5	LDPH10
.17 in²	.33 in²	98 in²



LD2P10 – Left	LDP210 – Right
.43 in²	.50 in²

LDS3	LDS5
.21 in²	.38 in²

SPEC = 40% cable fill – The recommended design in cable capacity, leaves room for future moves, adds and changes.

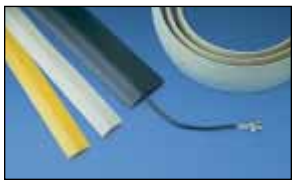
MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

MAX for Power cable fill – The maximum of electrical cables based on UL temperature rise test.

Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		Audio/Video		Fiber Optic Cable	
		14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand	
		THHN/T90			Cat 5e (4pr)		Cat 6 (4pr)					
		.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .175	
		FILL			FILL		FILL		FILL		FILL	
		MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
		(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
LD3	.21	—	—	—	2	3	1	2	1	2	4	5
LD5	.38	—	—	—	4	6	3	4	2	3	6	9
LD10	1.00	—	—	—	10	16	8	12	5	8	16	24
LDPH3	.17	9	7	4	1	2	1	2	1	1	2	4
LDPH5	.33	14	12	8	3	5	2	4	2	3	5	8
LDPH10	.89	18	18	16	9	14	7	10	5	8	14	22
LD2P10 – Left Channel	.43	14	11	8	4	6	3	5	2	3	7	11
LD2P10 – Right Channel	.50	—	—	—	5	8	4	6	3	4	8	12
LDS3	.21	9	6	4	2	3	1	2	1	2	3	5
LDS5	.38	10	8	5	4	6	3	4	2	3	6	9

Floor Guard

- Accessory to route cables over carpet, concrete, or tile to prevent tripping
- Flexible vinyl material can be easily cut to specific lengths
- Cables route through underside of product



FG1**
FG3**

Part Number	Part Description	Color‡	Std. Pkg. Qty.
FG1EI6-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 6' and 50' rolls.	Electric Ivory	1
FG1EI50-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 6' and 50' rolls.	Electric Ivory	30
FG3EI50-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 6' and 50' rolls.	Electric Ivory	1
FG3EI6S-A	Flexible vinyl material used to route cabling over carpet, tile, and concrete. Product available in 6' and 50' rolls.	Electric Ivory	30

Mounting tape is pre-applied only to FG3 in 6' lengths.
‡For other colors replace EI (Electric Ivory) with BR (Brown), YL (Safety Yellow), or BL (Black).

PAN-WAY® Surface Raceway Cutting Tool

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
SRT	Used to cut all LD Profile Raceway. Leaves a clean burr-free finish on raceway. Can also be used to cut plastic conduit.	1	10

Foam Tape

- Acrylic foam tape – Recommended for high temperature and outdoor applications (180° F) and exposure to UV light
- Rubber foam tape – Excellent quick tack designed for long term shear loads in indoor applications up to 120°

P32W2A2
P32W2R1

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
1/32'' Thick White Acrylic Adhesive				
P32W2A2-50-7	Foam Tape, 1/32" (thick) x .50" (wide) x 7 yards, acrylic adhesive.	White	1	100
P32W2A2-75-7	Foam Tape, 1/32" (thick) x .75" (wide) x 7 yards, acrylic adhesive.	White	1	60
P32W2A2-100-7	Foam Tape, 1/32" (thick) x 1" (wide) x 7 yards, acrylic adhesive.	White	1	50
P32W2A2-50-72	Foam Tape, 1/32" (thick) x .50" (wide) x 72 yards, acrylic adhesive.	White	1	9
P32W2A2-75-72	Foam Tape, 1/32" (thick) x .75" (wide) x 72 yards, acrylic adhesive.	White	1	7
P32W2A2-100-72	Foam Tape, 1/32" (thick) x 1" (wide) x 72 yards, acrylic adhesive.	White	1	5
1/32'' Thick White Rubber Adhesive				
P32W2R1-50-7	Foam Tape, 1/32" (thick) x .50" (wide) x 7 yards, rubber adhesive.	White	1	100
P32W2R1-75-7	Foam Tape, 1/32" (thick) x .75" (wide) x 7 yards, rubber adhesive.	White	1	60
P32W2R1-100-7	Foam Tape, 1/32" (thick) x 1" (wide) x 7 yards, rubber adhesive.	White	1	50
P32W2R1-50-72	Foam Tape, 1/32" (thick) x .50" (wide) x 72 yards, rubber adhesive.	White	1	9
P32W2R1-75-72	Foam Tape, 1/32" (thick) x .75" (wide) x 72 yards, rubber adhesive.	White	1	7
P32W2R1-100-72	Foam Tape, 1/32" (thick) x 1" (wide) x 72 yards, rubber adhesive.	White	1	5
P32W2R1-150-72	Foam Tape, 1/32" (thick) x 1.5" (wide) x 72 yards, rubber adhesive.	White	1	4

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-WAY® TYPE T130 NON-METALLIC SURFACE RACEWAY

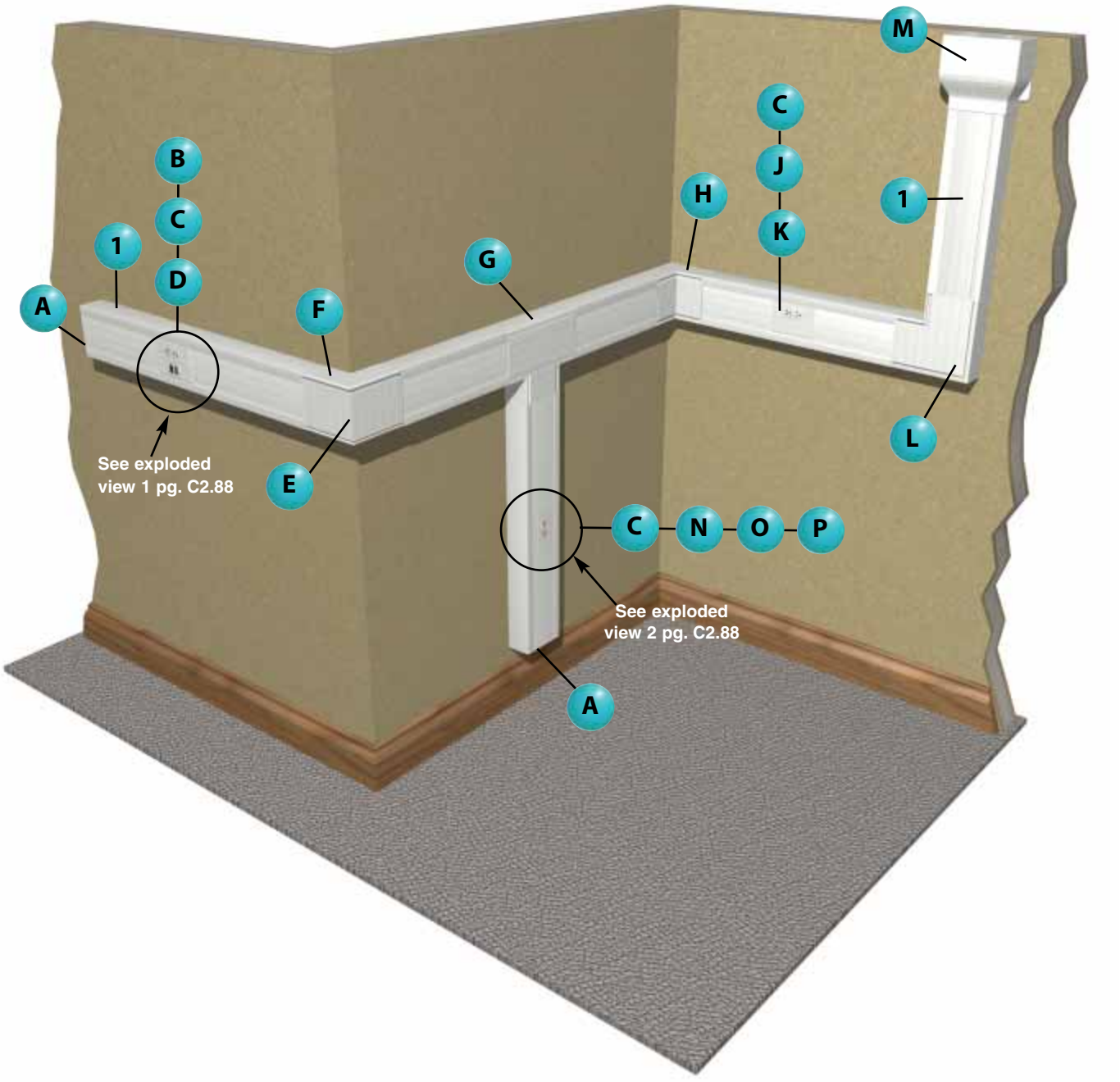
PAN-WAY® T130 Multi-Channel Raceway provides a large capacity channel solution for routing low voltage, fiber optic, and/or power cabling along fixed perimeter walls. The T130 Raceway System consists of raceway base, cover, fittings, termination hardware, and accessories.

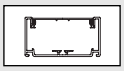
- **Large capacity multi-channel raceway system**
- **Lightweight**
- **Tamper resistant**

PANDUIT T130 Raceway can mount NEMA standard 70mm screw-on faceplates or available snap-on and pre-punched covers, power and low voltage applications.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

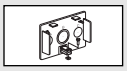
Type T130 Raceway Roadmap



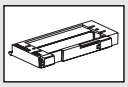


1 **TB130**, TC130** – T130 Raceway Base and Cover (page C2.89)**

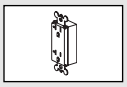
1 **TD68 – T130 Divider Wall (page C2.89)**



A **TEC130** – T130 End Cap Fitting (page C2.90)**

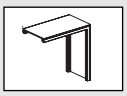


B **T130DBD-X – "Gangable" Device Bracket (page C2.92)**

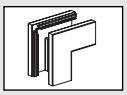


C **ERU20** – 20A Rectangular Electrical Outlet (page C2.60)**

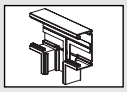
D **T130RMC2** – Double Rectangular Electrical Device Snap-On Faceplate (page C2.92)**



E **TOCC130** – T130 Outside Corner Fitting Cover (page C2.90)**

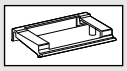


F **TOCB130** – T130 Outside Corner Fitting Base (page C2.90)**



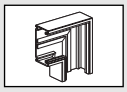
G **TT130** – T130 Tee Fitting (page C2.90)**

H **TIC130** – T130 Inside Corner Fitting (page C2.90)**

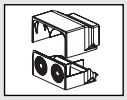


J **T130DB-X – Hanging Device Bracket (page C2.92)**

K **T130RMC** – Rectangular Electrical Device Snap-On Faceplate (page C2.92)**

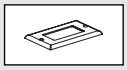


L **TRA130** – T130 Right Angle Fitting (page C2.90)**

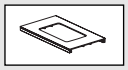


M **TEE130** – T130 Entrance End Fitting (page C2.90)**

N **TB5583-V – Type T Box (page C2.91)**



O **CPG** – Single Gang Rectangular Screw-On Faceplate (page C2.59)**

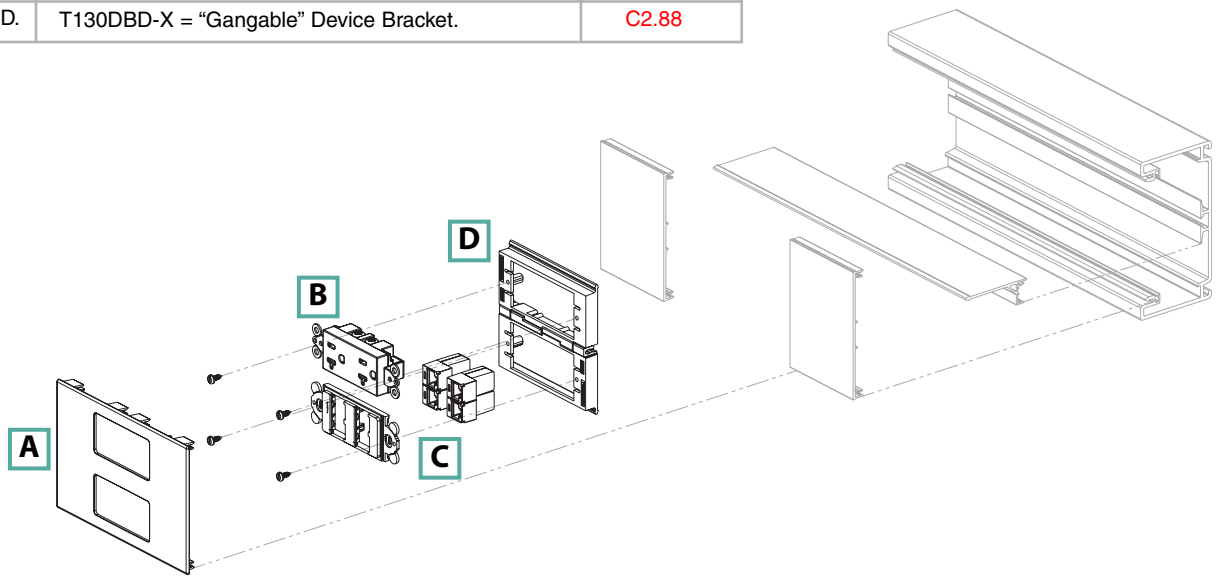


P **T130G** – Pre-Cut Cover (page C2.91)**

Type T130 Configurations

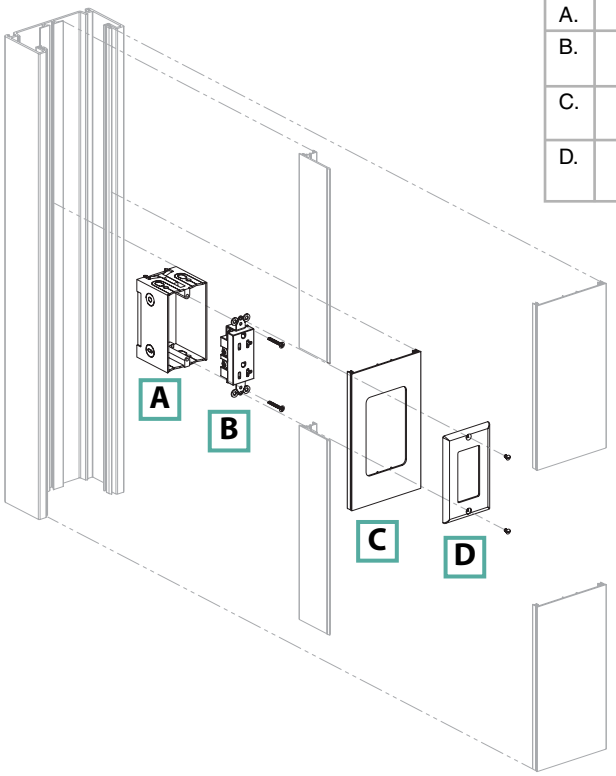
Exploded view 1

	Components Required	See page
A.	T130RMC2 = Double Rectangular Electrical Device Snap-On Faceplate.	C2.88
B.	EUR20 = 20A Rectangular Electrical Outlet.	C2.60
C.	*PANDUIT® MINI-COM®* Modules.	—
D.	T130DBD-X = "Gangable" Device Bracket.	C2.88



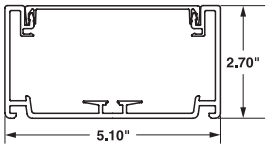
Exploded view 2

	Components Required	See page
A.	TB5583-V = Type T Box for T130 Raceway.	C2.87
B.	EUR20 = 20A Rectangular Electrical Outlet (screws included).	C2.60
C.	T130G = Pre-Cut Cover for Type T Box and NEMA Faceplates.	C2.87
D.	CPG = Single Gang Rectangular Screw-On Faceplate (screws included).	C2.59

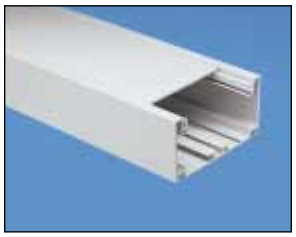


PAN-WAY® Type T130 Surface Raceway System

- UL and CSA rated 600V; meets UL5A and CSA C22.2 No. 62.1-03 standards
- Large capacity multi-channel system
- Tamper resistant cover latch design



Internal Area = 10.96 Sq. In.



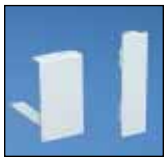
TB130 Base and TC130 Cover

TD68

Part Number	Part Description	Raceway Size	Color‡	Length (ft)	Std. Ctn. Qty.
Type T130 Raceway Base					
TB130IW8	T130 raceway base available in 8' and 10' lengths. Supplied with pre-punched mounting holes.	5.10" x 2.70"	Off White	8	32
TB130IW10				10	40
Type T130 Raceway Cover					
TC130IW8	T130 raceway cover available in 8' and 10' lengths.	—	Off White	8	64
TC130IW10				10	80
Type T Raceway Divider Wall					
TD688	Type T divider wall creates separate channels. Available in 8' and 10' lengths.	—	Gray	8	64
TD6810				10	80

‡For other colors replace IW (Off White) with EI (Electric Ivory) or IG (International Gray).
Order number of feet required in multiples of standard carton quantity.

PAN-WAY® Type T130 Raceway Fittings

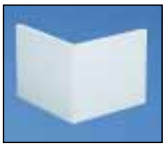

TCFC130
TCFB3070

TRA130

TRA130IR

TIC130

TOCB130


TOCC130

TT130

T130TD

TEC130

TEE130

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
TCFC130IW-X	Cover Coupler Fitting. Used to join sections of T130 Cover together.	Off White	10	100
TCFB3070IW-X	Base Coupler Fitting. Used to join sections of T130 Base together.	Off White	10	—
TRA130IW	Right Angle Fitting. Used to join sections of T130 Raceway at right angles.	Off White	1	10
TRA130IR	T130 Bend Radius Insert. Works with T130 Right Angle and Tee Fittings.	Gray	1	10
TIC130IW	Inside Corner Fitting. Used to join sections of T130 Raceway at inside corners.	Off White	1	10
TOCB130IW	Outside Corner Base Fitting. Used to join sections of T130 Raceway at outside corners.	Off White	1	10
TOCC130IW	Outside Corner Cover Fitting. Used to cover T130 Outside Corner Base.	Off White	1	10
TT130IW	Tee Fitting. Used to join sections of T130 Raceway at tee intersections.	Off White	1	10
T130TD	Divided Tee Insert. To be used with T130 Tee Fitting.	Gray	1	10
TEC130IW	End Cap Fitting. Conduit breakouts of 1/2" and 3/4".	Off White	1	10
TEE130IW	Entrance End Fitting. Conduit breakouts of 1/2", 3/4", 1", 1 1/2" and 2". Fitting accommodates entry from ceiling or wall.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory) or IG (International Gray).

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Type T Raceway Accessories

TMB130-X

TWR130-X

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
TMB130-X	Mounting Brackets. T130 Raceway is snapped onto brackets. Can be used as required anywhere along the raceway.	Black	10	—
TWR130-X	Wire Retainer. Holds wires in place during installation.	Gray	10	100

PAN-WAY® Pre-Cut Cover and Type T Outlet Box

- For mounting standard NEMA faceplates
- Cover length = 7.05" (179mm)
- Cutout dimension = 2.42" x 4.06" (61.5mm x 103mm)

TB5583-V

TBSR-Q

T130G

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
TB5583-V	Outlet Box. Used for mounting single gang NEMA standard electrical devices and faceplates.	Gray	5	60
TBSR-Q	Strain Relief. Required to support cable connections in vertically mounted raceway applications. Snaps onto TB5583-V.	Gray	25	—
T130GIW	Pre-Cut Cover. Accepts standard NEMA electrical faceplates.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory) or IG (International Gray).

PAN-WAY® Pre-Cut Covers for Snap-On Modular Furniture Faceplates

- Snap-On Faceplate Pre-Cut Covers are for use with Snap-On Modular Furniture Faceplates
- Cover couplers (located under Type T Raceway fittings) are required for each faceplate
- Cutout dimensions: 2.67" to 2.75" (60.1mm to 72.4mm) x 1.345" to 1.405" (34.2mm to 35.7mm)

T130K1

T130K2

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
T130K1IW	Pre-cut Cover. Accepts one Snap-On Modular Furniture Faceplate.	Off White	1	10
T130K2IW	Pre-cut Cover. Accepts two Snap-On Modular Furniture Faceplates.	Off White	1	10

‡For other colors replace IW (Off White) with EI (Electric Ivory) or IG (International Gray).

T130 Hanging Device Brackets

T130DB-X

T130DBD-X

T130DBD installed in Type T raceway

T130DBV

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
T130DB-X	Single Position Device Bracket. Used to mount NEMA standard electrical receptacles and standard communication module frames (including GFCI).	Gray	10	—
T130DBD-X	Gangable Device Brackets. Can be interlocked to mount NEMA standard electrical receptacles (including GFCI) and standard communication module frames.	Gray	10	—
T130DBV	Single Position Vertical Device Bracket. Used to mount NEMA standard electrical receptacles (including GFCI) and standard communication module frames.	White	1	10

T130 Snap-On Faceplates

T130DMC2

T130DMC

T130LMC

T130RMC2

T130RMC

T130TDMC

T130TMC

T130TRMC

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Pkg. Qty.
T130DMC2IW	Covers 2 NEMA standard 106 duplex electrical devices or standard communication module fames. Replaces faceplate and pre-cut raceway cover. For use with T130DBD-X and TD688 or T6810 divider wall.	Off White	1	10
T130DMCIW	Covers NEMA standard 106 duplex electrical devices or standard communication module frames. Replaces faceplate and pre-cut raceway cover.	Off White	1	10
T130LMCIW	Covers NEMA standard twist lock electrical devices or standard communication module frames. Replaces faceplate and pre-cut raceway cover.	Off White	1	10
T130RMC2IW	Covers 2 NEMA standard rectangular electrical devices or standard communication module frames. Replaces faceplate and pre-cut raceway cover. For use with T130DBD-X and TD688 or T6810 divider wall.	Off White	1	10
T130RMCIW	Covers NEMA standard rectangular electrical devices or standard communication module frames. Replaces faceplate and pre-cut raceway cover.	Off White	1	10
T130TDMCIW	Covers NEMA standard duplex electrical devices or standard communication module frames and provides proper sized opening to accept snap-on modular furniture faceplates.	Off White	1	10
T130TMCIW	Provides proper sized opening to accept snap-on modular furniture faceplates.	Off White	1	10
T130TRMCIW	Covers NEMA standard rectangular electrical devices or standard communication module frames and provides proper sized opening to accept snap-on modular furniture faceplates.	Off White	1	10

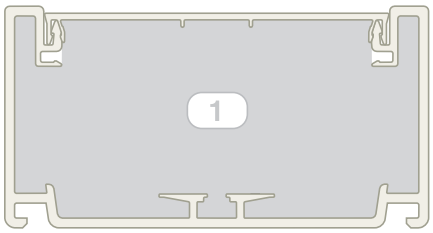
‡For other colors replace IW (Off White) with EI (Electric Ivory) or IG (International Gray)

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

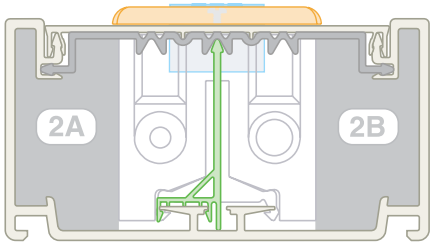
Quick Wire Fill Capacities for Type T130 Raceway

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the wire installation methods, straightness of wires, etc.



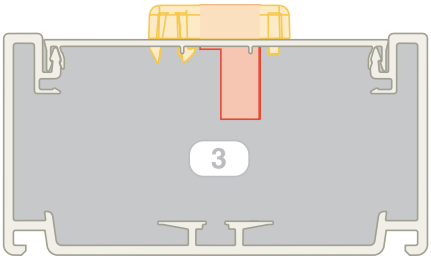
A = 10.96 in²

Wirefill #1: T130 Raceway with no devices.



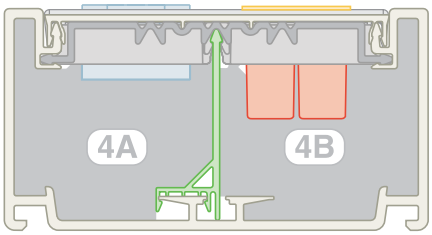
A = 2.56 in² **A = 2.56 in²**

Wirefill #2: T130 Raceway – Power and data using T Box and U.S. Standard "Screw-On" Electrical/Communication Faceplates.



A = 10.34 in²

Wirefill #3: T130 Raceway – Data only using Modular Furniture Faceplates.



4A = 3.72 in² **4B = 3.52 in²**

Wirefill #4: T130 Raceway – Power and data using T130RMC2 Faceplate.

SPEC = 40% wire fill – The recommended design in cable capacity, leaves room for future moves, adds and changes.

MAX for Data = 60% wire fill – The maximum cable quantity based on cable interweaving and packing factors.

MAX for Power wire fill – The maximum of electrical cables based on UL temperature rise test.

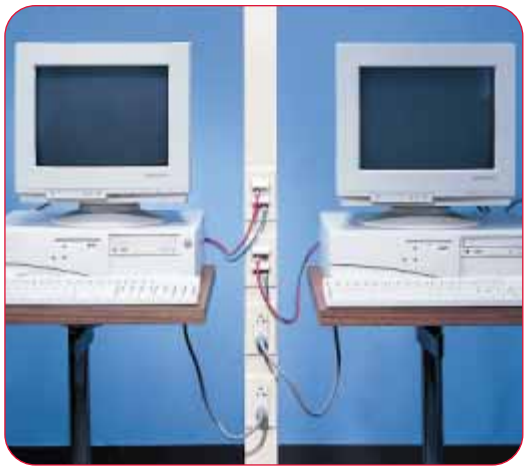
	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		Coax Cable		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand	
			THHN/T90			Cat 5e (4pr)		Cat 6 (4pr)					
			.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .175	
			FILL			FILL		FILL		FILL		FILL	
			MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
			(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
1.	T130: No devices.	10.96	31	28	26	119	178	89	133	58	87	182	274
2A.	T130: Power and data using T-Box and U.S. Standard Faceplate.	2.56	17	15	14	28	42	20	31	14	20	43	64
2B.		2.56	—	—	—	28	42	20	31	14	20	43	64
3.	T130: Data only using Modular Furniture Faceplate.	10.34	—	—	—	108	162	84	126	55	82	166	249
4A.	T130: Power and data using T130TRMC2 Faceplate.	3.72	20	16	17	40	60	30	45	20	30	66	99
4B.		3.52	—	—	—	38	57	28	43	19	28	80	120

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Notes

PAN-POLE™ POWER AND COMMUNICATION POLES

PAN-POLE™ Power and Communication Poles provide industry-leading solutions for cable routing in the open office environment. Available with pre-terminated electrical outlets with divided channel for power and communication applications or as an open channel communication pole.



- Tamper resistant cover
- Bend radius control fitting (above ceiling) as required by TIA/EIA-568-B and 569-B
- Complete with ceiling and floor mounting hardware

PAN-POLE™ Power and Communication Poles accept NEMA standard 70mm screw-on faceplates or superior PAN-WAY® Snap-On Faceplates.

PAN-POLE™ Power Pole

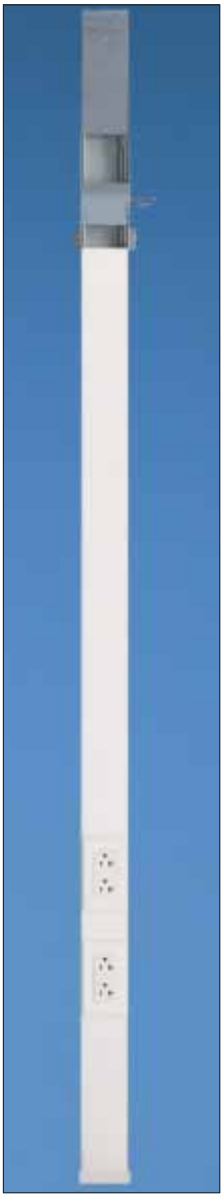
- Dual channel aluminum pole is equipped with pre-terminated electrical outlets and provides channel separation for the installation of communication cabling and modules.
- UL and CSA rated 600V
- Available in 11' or 13' lengths and supplied with a non-metallic cover
- Electrical outlets are pre-wired

Pre-installed components include:

1. Blank non-metallic cover
2. Two 20A factory wired rectangular outlets with wiring fed through power channel to base of power entry box
3. Power entry with 1/2" and 3/4" conduit breakouts
4. Removable plate for power wiring connections
5. Ground screw pre-mounted behind removable plate

Supplied mounting hardware includes:

1. Entry end bend radius fitting
2. Ceiling T-bar bracket
3. Ceiling tile trim plate
4. End cap
5. End cap floor grip pad



PCPA11R20
PCPA13R20

Part Number	Part Description	Color‡	Std. Pkg. Qty.
PCPA11R20IW	*PAN-POLE*™ Power Pole Assembly is supplied in 11' length for maximum ceiling height of 10'. Dual channel design allows for the installation of communication outlets.	Off White	1
PCPA13R20IW	*PAN-POLE*™ Power Pole Assembly is supplied in 13' length for maximum ceiling heights of 12'. Dual channel design allows for the installation of communication outlets.	Off White	1

Communication Components sold separately.
‡For other colors replace IW (Off White) with EI (Electric Ivory).

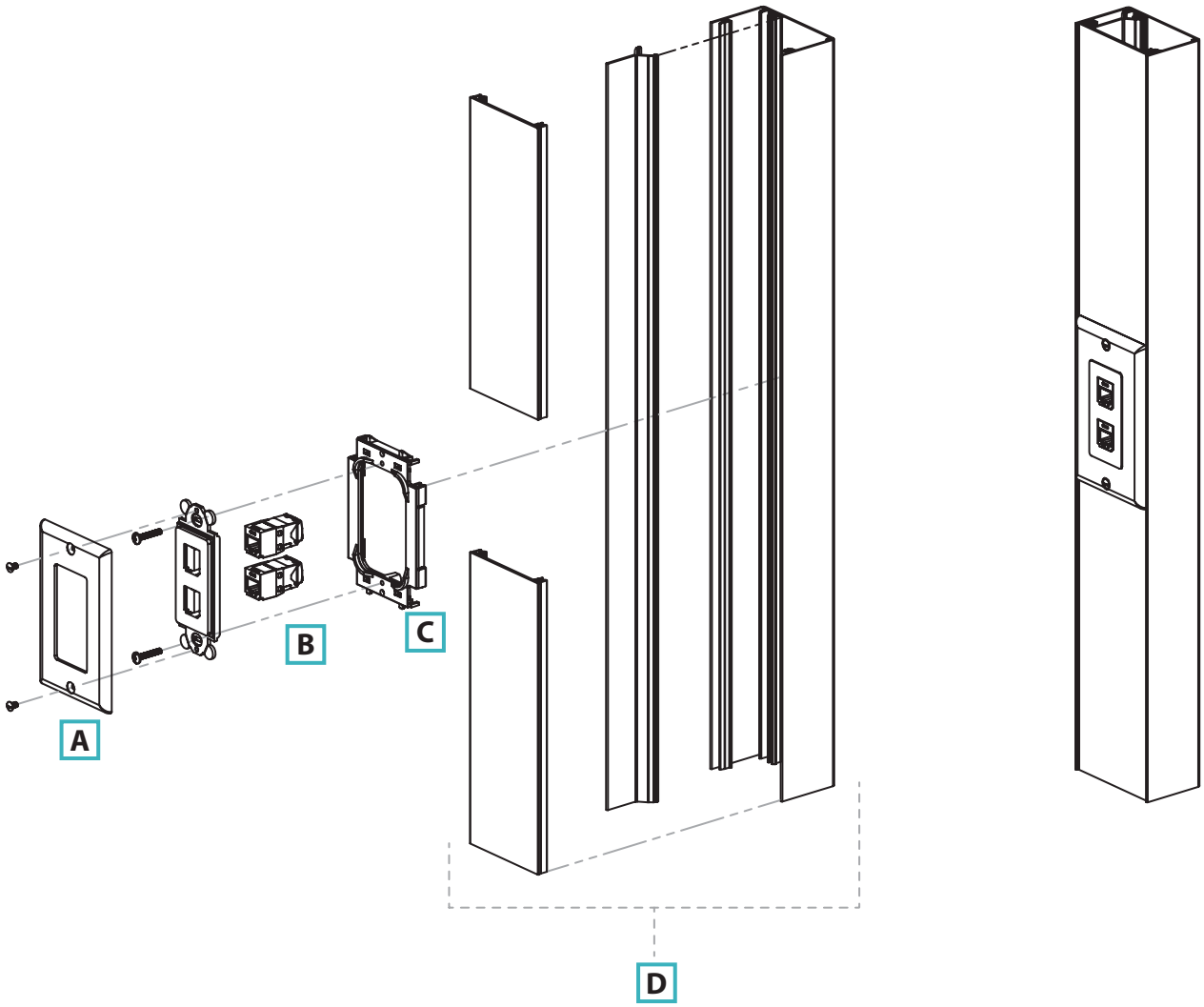
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Installation of Communication Outlets on *PAN-POLE*™ Power Pole

Utilizing Standard Screw-On Faceplates

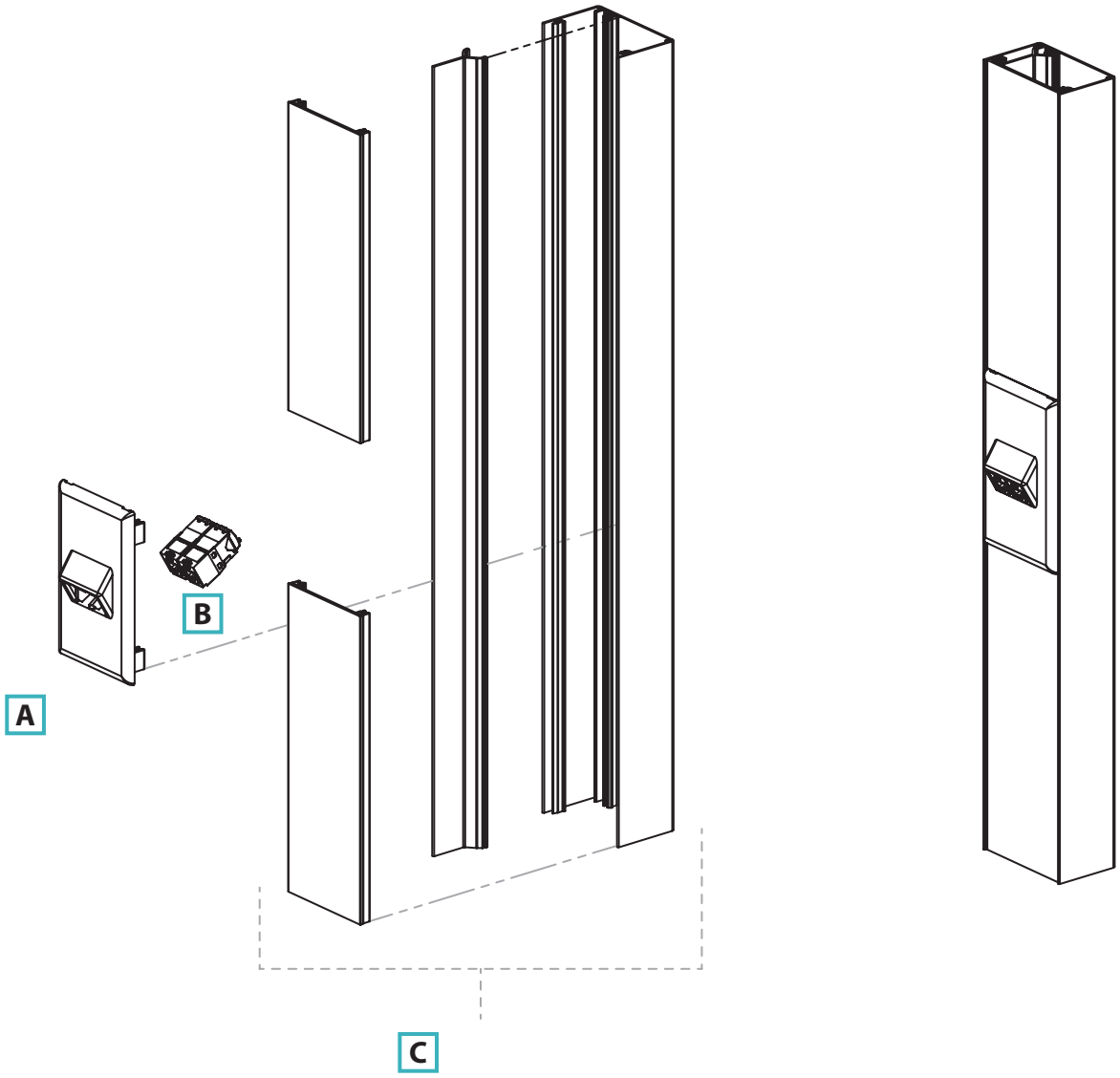
	Components Required	See page
A.	CPG** = Single Gang Rectangular Screw-On Faceplate (screws included).	C2.59
B.	*PANDUIT*® *MINI-COM*® Modules.	—
C.	T70SDB-X = Standard Faceplate Bracket.	C2.102
D.	PCPA**R20 Power Pole.	C2.96



Installation of Communication Outlets on *PAN-POLE*™ Power Pole

Utilizing *PANDUIT* Snap-On Faceplates

	Components Required	See page
A.	T70FV2** = Single Gang Vertical Sloped Communication Snap-On Faceplate.	C2.52
B.	*PANDUIT*® *MINI-COM*® Modules.	—
C.	PCPA**R20 Power Pole.	C2.96

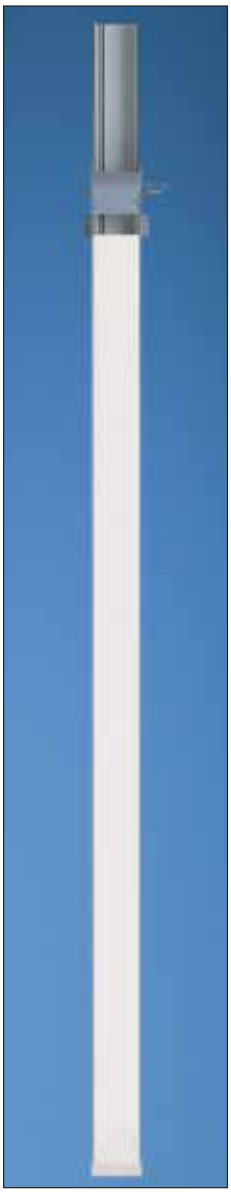


PAN-POLE™ Communication Pole

- Single channel aluminum pole for routing low voltage communication cabling only
- Poles are available in 11' or 13' lengths and are supplied with a non-metallic cover

Supplied mounting hardware includes:

1. Entry end bend radius fitting
2. Ceiling T-bar bracket
3. Ceiling tile trim plate
4. End cap
5. End cap floor grip pad



PCPA11
PCPA13

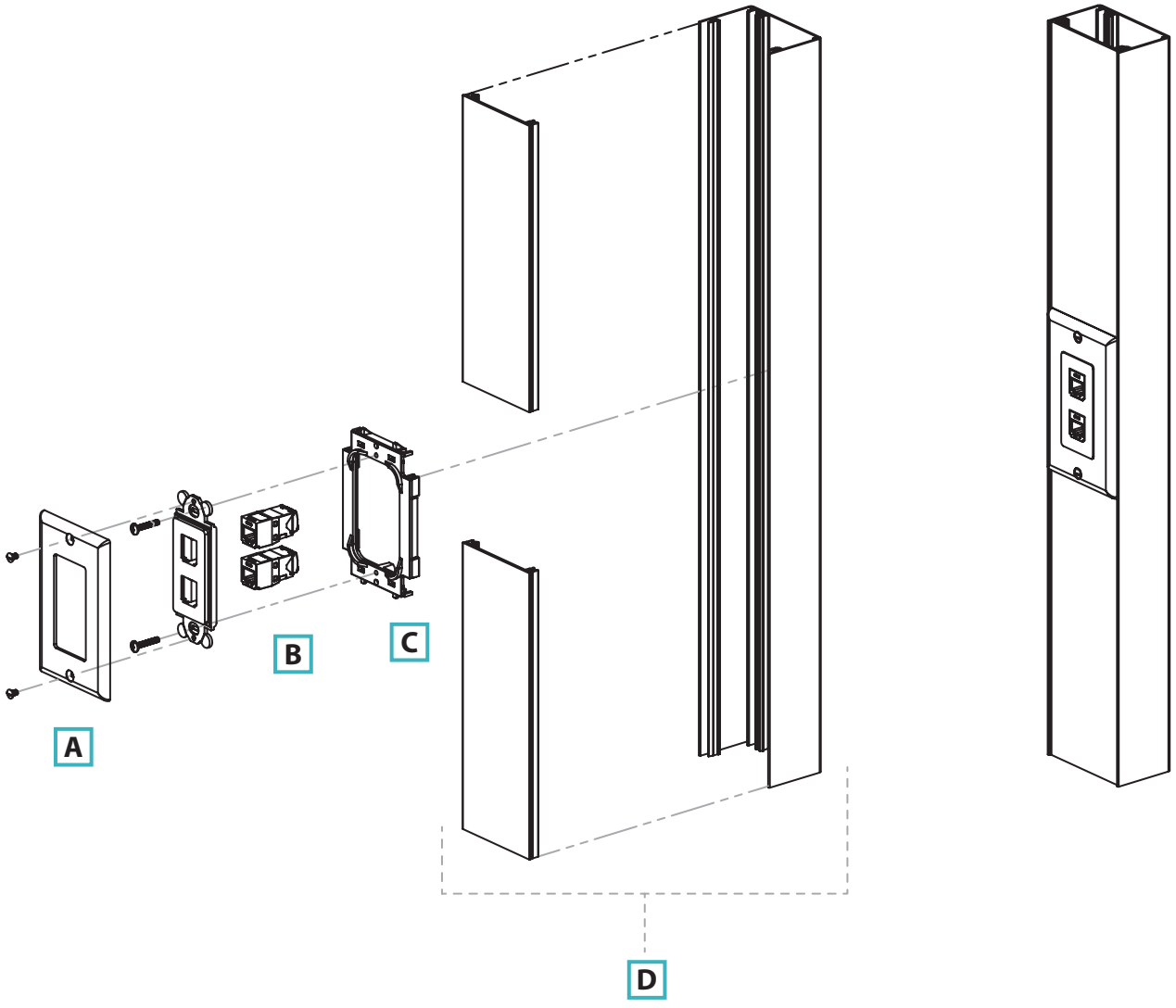
Part Number	Part Description	Color‡	Std. Pkg. Qty.
PCPA11IW	*PAN-POLE*™ Communication Pole Assembly is supplied in 11' length for maximum ceiling height of 10'.	Off White	1
PCPA13IW	*PAN-POLE*™ Communication Pole Assembly is supplied in 13' length for maximum ceiling height of 12'.	Off White	1

Communication Components sold separately.
‡For other colors replace IW (Off White) with EI (Electric Ivory).

Installation of Communication Outlets on *PAN-POLE*™ Communication Pole

Utilizing Standard Screw-On Faceplates

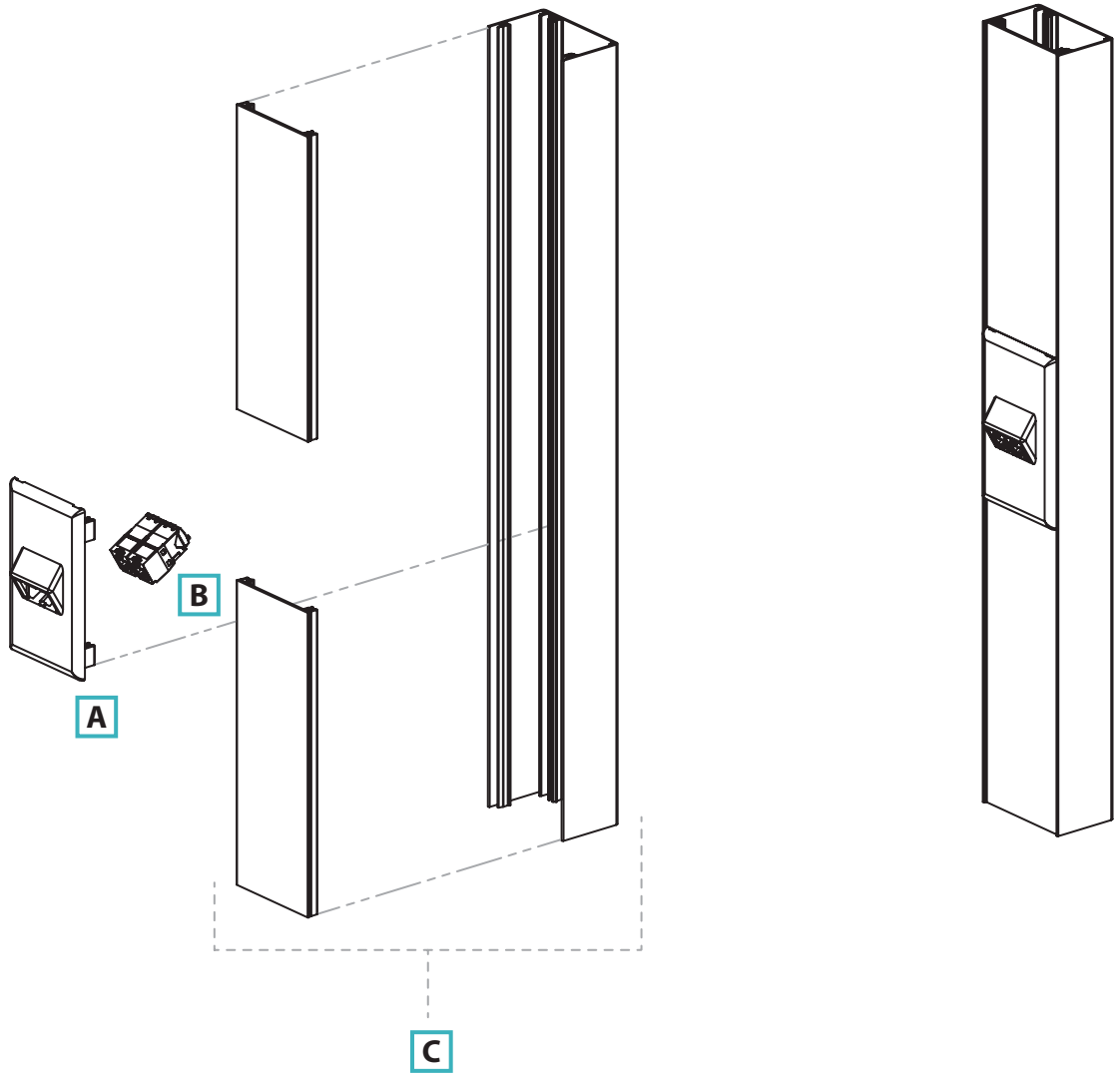
	Components Required	See page
A.	CPG** = Single Gang Rectangular Screw-On Faceplate (screws included).	C2.59
B.	*PANDUIT*® *MINI-COM*® Modules.	—
C.	T70SDB-X = Standard Faceplate Bracket.	C2.102
D.	PCPA** = Communication Pole.	C2.99



Installation of Communication Outlets on *PAN-POLE*™ Communication Pole

Utilizing *PANDUIT* Snap-On Faceplates

	Components Required	See page
A.	T70FV2** = Single Gang Vertical Sloped Communication Snap-On Faceplate.	C2.52
B.	*PANDUIT*® *MINI-COM*® Modules.	—
C.	PCPA** = Communication Pole.	C2.99



Pan-Pole™ Extension Kits

PCPAK22
PCPAK16

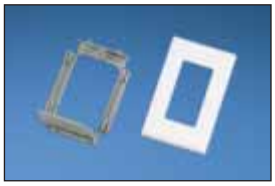
Part Number	Part Description	Color‡	Std. Pkg. Qty.
PCPAK22IW	*Pan-Pole*™ Extension Kit. To extend the 11' pole to 22'. Extension kit includes: Fully assembled 11' pole with brace/coupler, additional wiring and screws. **NOTE:** Customer needs to purchase a separate standard 11' pole to make the required length.	Off White	1
PCPAK16IW	*Pan-Pole*™ extension kit. To extend the 13' pole to 16'. Extension kit includes: Fully assembled 3' pole with brace/coupler, additional wiring and screws. **NOTE:** Customer needs to purchase a separate standard 13' pole to make the required length.	Off White	1

All product color is (IW) Off White.

Pan-Pole™ Power Addition Kits & Standard Faceplate Bracket

- Power addition kits (UL listed for field installation) provide for the addition of power outlets
- Allow for the installation of up to three additional duplex outlets (Five outlets max.)
- Outlets may be added to the existing factory wired circuit or one additional circuit may be added

PCPAKR20



PCPAKR

T70SDB-X

Part Number	Part Description	Color‡	Std. Pkg. Qty.	Std. Ctn. Qty.
PCPAKR20IW	Power addition kit includes 20A rectangular outlet with two mounting screws, outlet mounting bracket with one mounting screw and snap-on faceplate.	Off White	1	10
PCPAKRIW	Power addition kit includes outlet mounting bracket with one mounting screw and snap-on faceplate. *Rectangular power outlet purchased separately.*	Off White	1	10
T70SDB-X	Standard Faceplate Bracket. Used to mount NEMA standard 70mm single gang screw-on faceplates.	Gray	10	—

‡For other colors replace IW (Off White) with EI (Electric Ivory).
When purchasing Power Addition Kit with 20A Outlet, use with *Pan-Pole*™ Power Pole, PCPA11R20IW and PCPA13R20IW.
When purchasing Power Addition Kit without Outlet, rectangular power outlet needs to be purchased separately. Use with *Pan-Pole*™ Power Pole, PCPA11R20EI and PCPA13R20EI.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

PAN-POLE™ Replacement Parts

PCPKIT

PCPTP

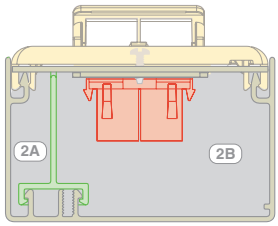
PCPEC

PCPBRC

Part Number	Part Description	Color	Std. Pkg. Qty.	Std. Ctn. Qty.
PCPKITIW	Replacement includes: Bend radius control ramp, two thumb screws, one 2-piece ceiling trim plate, and one end cap with floor grip pad. Also available in EI (Electric Ivory)	Off White	1	5
PCPTPIW	Replacement ceiling trim plate.	Off White	1	—
PCPECIW	Replacement end cap with floor grip pad. Also available in EI (Electric Ivory).	Off White	1	—
PCPBRC	Replacement bend radius control ramp with T-bar bracket for attaching pole to T-bar. Includes mounting screws.	Gray	1	—

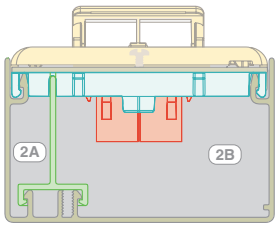
Cable Fill Capacities for *PAN-POLE*™ Power and Communication Poles

This information is to be used as a guide in selecting the proper size raceway. The maximum amounts may vary according to the cable installation methods, straightness of cables, etc.



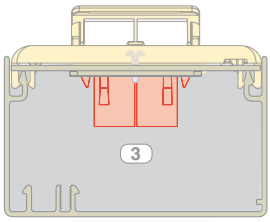
A = .47 in² | A = 2.75 in²

Cable fill #1: Power Pole with Data Terminals using Vertical Sloped Snap-on Communication Faceplate.



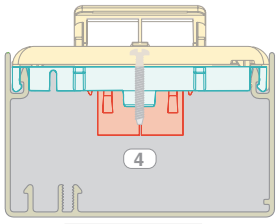
A = .43 in² | A = 2.15 in²

Cable fill #2: Power Pole with Data Terminals using Sloped Screw-on Communication Faceplate.



A = 3.47 in²

Cable fill #3: Communication Pole using Vertical Sloped Snap-on Communication Faceplate.



A = 2.83 in²

Cable fill #4: Communication Pole using Sloped Screw-On Communication Faceplate.

SPEC = 40% cable fill – The recommended design in cable capacity, leaves room for future moves, adds and changes.

MAX for Data = 60% cable fill – The maximum cable quantity based on cable interweaving and packing factors.

MAX for Power cable fill – The maximum of electrical cables based on UL temperature rise test.

	Raceway Type & Configuration	Fill Area (in²)	Electrical Cables			Data Grade Cable		Data Grade Cable		Audio/Video		Fiber Optic Cable	
			14 AWG	12 AWG	10 AWG	24 AWG/UTP CM		24 AWG/UTP CM		RG6		2 Strand	
			THHN/T90			Cat 5e (4pr)		Cat 6 (4pr)					
			.105	.122	.153	DIA. = .217		DIA. = .250		DIA. = .275		DIA. = .175	
			FILL			FILL		FILL		FILL		FILL	
			MAX	MAX	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX	SPEC	MAX
			(UL Temp Rise Test)			(40%)	(60%)	(40%)	(60%)	(40%)	(60%)	(40%)	(60%)
1A.	Power Pole: Power Channel.	.47	—	11	—	—	—	—	—	—	—	—	—
1B.	Power Pole: Data Channel using Sloped Snap-On Faceplate.	2.75	—	—	—	30	45	22	33	15	22	46	69
2A.	Power Pole: Power Channel.	.43	—	11	—	—	—	—	—	—	—	—	—
2B.	Power Pole: Data Channel using Sloped Screw-On Faceplate.	2.15	—	—	—	23	35	17	26	11	17	36	54
3.	Communication Pole using Sloped Snap-On Faceplate.	3.47	—	—	—	38	57	28	42	18	28	58	87
4.	Communication Pole using Sloped Screw-On Faceplate.	2.83	—	—	—	31	46	23	34	15	22	48	72

Abrasion Protection

PANDUIT abrasion protection products provide an economical and easy way to insulate, protect, bundle and color-code components and cable. To help assure optimum quality, *PANDUIT* abrasion protection products are designed and manufactured to meet applicable quality standards including International, UL, Military, ISO and Aerospace.

- **Variety of solutions to bundle and protect wire and cable**
- **Wide variety of sizes and materials**
- **Used in a broad range of applications such as underground, control panels, harness fabrication and coin operated machines**

PANDUIT abrasion protection products provide quality at the lowest installed cost. With a continued focus on new product development, *PANDUIT* continues to meet customer needs. *Pan-Wrap*™ Split Harness Wrap features a patented slot pattern to improve flexibility and abrasion protection. Spiral wrap and heat shrink are offered in the largest variety of colors, materials and sizes to meet a variety of needs. Grommet edging protects wire and cable from damage caused by sharp edges.

PAN-WRAP™ Split Harness Wrap

- Patented slot pattern provides improved flexibility and abrasion protection in any application
- Unique wall design provides for easy cable breakouts
- Innovative design maintains uniform bundle protection in dynamic applications
- Large overlap accommodates a wide range of bundle diameters
- Packaged on a reel for easy handling and dispensing of product
- -40°F to 122°F (-40°C to 50°C) temperature range

Part Number	Material	Color	Length Per Reel		Max. Bundle Diameter‡		Min. Bundle Diameter		Nominal I.D.		Std. Pkg. Qty.
			ft	M	In.	mm	In.	mm	In.	mm	
PW50F-T20	Polyethylene	Black	200	61.1	.55	14.0	.43	10.9	.50	12.7	1
PW50F-T	Polyethylene	Natural	200	61.1	.55	14.0	.43	10.9	.50	12.7	1
PW50FR-T	Flame Retardant Polyethylene	Natural	200	61.1	.55	14.0	.43	10.9	.50	12.7	1
PW50FR-T20	Flame Retardant Polyethylene	Black	200	61.1	.55	14.0	.43	10.9	.50	12.7	1
PW75F-C	Polyethylene	Natural	100	30.5	.81	20.6	.55	14.0	.75	19.1	1
PW75F-C20	Polyethylene	Black	100	30.5	.81	20.6	.55	14.0	.75	19.1	1
PW75FR-C	Flame Retardant Polyethylene	Natural	100	30.5	.81	20.6	.55	14.0	.75	19.1	1
PW75FR-C20	Flame Retardant Polyethylene	Black	100	30.5	.81	20.6	.55	14.0	.75	19.1	1
PW100F-C	Polyethylene	Natural	100	30.5	1.13	28.7	.81	20.6	1.00	25.4	1
PW100F-C20	Polyethylene	Black	100	30.5	1.13	28.7	.81	20.6	1.00	25.4	1
PW100FR-C	Flame Retardant Polyethylene	Natural	100	30.5	1.13	28.7	.81	20.6	1.00	25.4	1
PW100FR-C20	Flame Retardant Polyethylene	Black	100	30.5	1.13	28.7	.81	20.6	1.00	25.4	1
PW150F-L	Polyethylene	Natural	50	15.2	1.63	41.4	1.13	28.7	1.50	38.1	1
PW150F-L20	Polyethylene	Black	50	15.2	1.63	41.4	1.13	28.7	1.50	38.1	1
PW150FR-L	Flame Retardant Polyethylene	Natural	50	15.2	1.63	41.4	1.13	28.7	1.50	38.1	1
PW150FR-L20	Flame Retardant Polyethylene	Black	50	15.2	1.63	41.4	1.13	28.7	1.50	38.1	1

‡Diameter can be further reduced with the use of cable ties.

PAN-WRAP™ Installation Tools

- Patented installation tool with 180° opening allows easy loading of maximum bundle diameters to speed installation, providing the lowest installed cost

Part Number	Color	For Use With	Std. Pkg. Qty.	Std. Ctn. Qty.
PWT50	White	PW50F*–***	1	10
PWT75	White	PW75F*–***	1	10
PWT100	White	PW100F*–***	1	10
PWT150	White	PW150F*–***	1	10

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Part Number System for Spiral Wrap

T	25	F	–	C	16
Type	**Outside Diameter**	**Material**		**Package Size**	**Color Suffix**
T = Spiral Wrap	12 = 1/8" 25 = 1/4" 38 = 3/8" 50 = 1/2" 62 = 5/8" 75 = 3/4" 100 = 1"	F = Polyethylene R = Fire Resistant Polyethylene FR = Flame Retardant Polyethylene N = Nylon T = TEFLON‡		X = 10' Q = 25' L = 50' C = 100' T = 200' TL = 250' D = 500' M = 1000'	See Table Below

		MATERIAL AVAILABILITY				
Color	**Color Suffix**	**Polyethylene**	**Fire Resistant Polyethylene**	**Flame Retardant Polyethylene**	**Nylon 6.6**	**TEFLON‡**
Natural*	No Suffix will be listed	✓	✓ *	✓ *	✓	✓
Weather Resistant Black	0	✓			✓	
Brown	1	✓				
Red	2	✓				
Orange	3	✓				
Yellow	4	✓				
Green	5	✓				
Blue	6	✓				
Purple	7	✓				
Gray	8	✓				
White	10	✓				
Pink	16	✓				
Black	20	✓	✓	✓		

Blank = Not applicable
‡TEFLON or equivalent fluoropolymer PTFE material is used. TEFLON is a registered trademark of E. I. DuPont de Nemours Co.
*Natural can range from transparent, opaque, to white

Spiral Wrap

- Harness multiple cables into a single manageable bundle
- Allows breakouts of single/multiple cables
- Provides protection for cables
- Multiple colors allow easy identification of cable bundles
- Installation tool supplied in each package

Part Number	Material	Color	Length Per Reel		Bundle Diameter Range		Outside Diameter		Temperature Range	Wall Thickness		Std. Pkg. Qty.
			ft	M	In.	mm	In.	mm		In	mm	
T12F-C	Polyethylene	Natural	100	30.5	1/16 to 1/2	1.6 to 12.7	.12	3.3	-40°F to 122°F (-40°C to 50°C)	.03	.76	1
T19F-C			100	30.5	1/8 to 1	3.2 to 25.4	.19	4.8		.03	.89	1
T25F-X			10	3.05	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25F-C			100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25F-C1		Brown	100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25F-C10		White	100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25F-C16		Pink	100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25F-C2		Red	100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25F-C3		Orange	100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25F-C4		Yellow	100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25F-C5		Green	100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25F-C6		Blue	100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25F-C7		Purple	100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25F-C8		Gray	100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T38F-C		Natural	100	30.5	5/16 to 3	7.9 to 76.2	.38	9.5		.05	1.40	1
T50F-X		Natural	10	3.05	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T50F-C		Natural	100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T50F-C1		Brown	100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T50F-C10		White	100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T50F-C16		Pink	100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T50F-C2		Red	100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T50F-C3		Orange	100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T50F-C4		Yellow	100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T50F-C5		Green	100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T50F-C6		Blue	100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T50F-C7		Purple	100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T50F-C8		Gray	100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T62F-C		Natural	100	30.5	1/2 to 4 1/2	12.7 to 114.3	.62	15.9		.06	1.57	1
T75F-C			100	30.5	5/8 to 5	15.9 to 127.0	.75	19.1		.06	1.65	1
T100F-C			100	30.5	7/8 to 6	22.2 to 152.4	1.00	25.4		.07	1.78	1

Reel packaging may contain splices. Contact Customer Service for further information.

Spiral Wrap (continued)

Part Number	Material	Color	Length Per Reel		Bundle Diameter Range		Outside Diameter		Temperature Range	Wall Thickness		Std. Pkg. Qty.
			ft	M	In.	mm	In.	mm		In	mm	
T12F-C0	Weather Resistant Polyethylene	Black	100	30.5	1/16 to 1/2	1.6 to 12.7	.12	3.3	-40°F to 122°F (-40°C to 50°C)	.03	.76	1
T19F-C0			100	30.5	1/8 to 1	3.2 to 25.4	.19	4.8		.03	.89	1
T25F-X0			10	3.05	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25F-C0			100	30.5			.25	6.4		.04	1.02	1
T38F-C0			100	30.5	5/16 to 3	7.9 to 76.2	.38	9.5		.05	1.40	1
T50F-X0			10	3.05	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T50F-C0			100	30.5			.50	12.7		.06	1.50	1
T62F-C0			100	30.5	1/2 to 4 1/2	12.7 to 114.3	.62	15.9		.06	1.57	1
T75F-C0			100	30.5	5/8 to 5	15.9 to 127.0	.75	19.1		.06	1.65	1
T100F-C0			100	30.5	7/8 to 6	22.2 to 152.4	1.00	25.4		.07	1.78	1
T12R-C	Fire Resistant Polyethylene	Natural	100	30.5	1/16 to 1/2	1.6 to 12.7	.12	3.3		.03	.76	1
T19R-C			100	30.5	1/8 to 1	3.2 to 25.4	.19	4.8		.03	.89	1
T25R-C			100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25R-C20		Black	100	30.5			.25	6.4		.04	1.02	1
T38R-C		Natural	100	30.5	5/16 to 3	7.9 to 76.2	.38	9.5		.05	1.40	1
T50R-C			100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T62R-C			100	30.5	1/2 to 4 1/2	12.7 to 114.3	.62	15.9		.06	1.57	1
T75R-C			100	30.5	5/8 to 5	15.9 to 127.0	.75	19.1		.07	1.65	1
T100R-C			100	30.5	7/8 to 6	22.2 to 152.4	1.00	25.4		.07	1.78	1
T12FR-C	Flame Retardant Polyethylene*		100	30.5	1/16 to 1/2	1.6 to 12.7	.12	3.3	-40°F to 140°F (-40°C to 60°C)	.03	.76	1
T12FR-C20		Black	100	30.5	1/16 to 1/2	1.6 to 12.7	.12	3.3		.03	.76	1
T19FR-C		Natural	100	30.5	1/8 to 1	3.2 to 25.4	.19	4.8		.03	.89	1
T19FR-C20		Black	100	30.5	1/8 to 1	3.2 to 25.4	.19	4.8		.03	.89	1
T25FR-C		Natural	100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T25FR-C20		Black	100	30.5			.25	6.4		.04	1.02	1
T38FR-C		Natural	100	30.5	5/16 to 3	7.9 to 76.2	.38	9.5		.05	1.40	1
T38FR-C20		Black	100	30.5			.38	9.5		.05	1.40	1
T50FR-C		Natural	100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T50FR-C20		Black	100	30.5			.50	12.7		.06	1.50	1
T62FR-C		Natural	100	30.5	1/2 to 4 1/2	12.7 to 114.3	.62	15.9		.06	1.57	1
T62FR-C20		Black	100	30.5			.62	15.9		.06	1.57	1
T75FR-C		Natural	100	30.5	5/8 to 5	15.9 to 127.0	.75	19.1		.06	1.65	1
T75FR-C20		Black	100	30.5			.75	19.1		.06	1.65	1
T100FR-C		Natural	100	30.5	7/8 to 6	22.2 to 152.4	1.00	25.4		.07	1.78	1
T100FR-C20		Black	100	30.5			1.00	25.4		.07	1.78	1

*Flame retardant products are manufactured from a material that is rated UL94V-0.
Reel packaging may contain splices. Contact Customer Service for further information.

Spiral Wrap (continued)

Part Number	Material	Color	Length Per Reel		Bundle Diameter Range		Outside Diameter		Temperature Range	Wall Thickness		Std. Pkg. Qty.
			ft	M	In.	mm	In.	mm		In	mm	
T12N-C	Nylon 6.6	Natural	100	30.5	1/16 to 1/2	1.6 to 12.7	.12	3.3	-40°F to 149°F (-40°C to 65°C)	.03	.76	1
T19N-C			100	30.5	1/8 to 1	3.2 to 25.4	.12	4.8		.03	.80	1
T25N-C			100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.40	1.02	1
T38N-C			100	30.5	5/16 to 3	7.9 to 76.2	.38	9.7		.55	1.40	1
T50N-C			100	30.5	3/8 to 4	3/8 to 4	.50	12.7		.06	1.50	1
T62N-C			100	30.5	1/2 to 4 1/2	12.7 to 114.3	.62	15.9		.62	1.57	1
T75N-C			100	30.5	5/8 to 5	15.9 to 127.0	.75	19.1		.06	1.65	1
T100N-C			100	30.5	7/8 to 6	22.2 to 152.4	1.00	25.4		.07	1.78	1
T12N-C0	Weather Resistant Nylon 6.6	Black	100	30.5	1/16 to 1/2	1.6 to 12.7	.12	3.3		.03	.76	1
T25N-C0			100	30.5	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T38N-C0			100	30.5	5/16 to 3	7.9 to 76.2	.38	6.4		.05	1.40	1
T50N-C0			100	30.5	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T62N-C0			100	30.5	1/2 to 4 1/2	12.7 to 114.3	.62	15.9		.06	1.50	1
T75N-C0			100	30.5	5/8 to 5	15.9 to 127.0	.75	19.1		.06	1.65	1
T100N-C0			100	30.5	7/8 to 6	22.2 to 152.4	1.00	25.4		.07	1.78	1
T12T-C	TEFLON‡	Natural	100	30.5	1/16 to 1/2	1.6 to 12.7	.12	3.2	-40°F to 365°F (-40°C to 180°C)	.03	.76	1
T19T-C			100	30.5	1/8 to 1	3.2 to 25.4	.19	4.8		.03	.89	1
T25T-L			50	15.24	3/16 to 2	4.8 to 50.4	.25	6.4		.04	1.02	1
T50T-Q			25	7.62	3/8 to 4	9.5 to 101.6	.50	12.7		.06	1.50	1
T62T-Q			25	7.62	1/2 to 4 1/2	12.7 to 114.3	.62	15.9		.06	1.57	1
T75T-X			10	3.05	5/8 to 5	15.9 to 127.0	.75	19.1		.06	1.65	1
T100T-X			10	3.05	7/8 to 6	22.2 to 152.4	1.00	25.4		.07	1.78	1

Reel packaging may contain splices. Contact Customer Service for further information.
‡TEFLON is a registered trademark of E. I. DuPont de Nemours, Co.

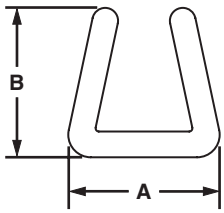
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Part Number System for Grommet Edging

GEE	36	F	–	A	–	C	0
Type	**Max. Panel Thickness**	**Material**		**Adhesive**		**Package Size**	**Color Suffix**
GE = Grommet Edging Strips GEE = Slotted Grommet Edging GES = Solid Grommet Edging	36 = .036" thickness 62 = .062" thickness 99 = .099" thickness 144 = .144" thickness 189 = .189" thickness	F = Polyethylene N = Nylon 6.6 FR = Flame Retardant Polyethylene		A = Adhesive Lined Leave Blank = Non-Adhesive		Q = 25' L = 50' C = 100'	0 = Weather Resistant Black Leave Blank = Natural

Grommet Edging

- Use product on irregularly shaped and round panel hole
- Provided in .030" (.8mm) thick material making it highly flexible



Part Number	Width A In.	Width A mm	Height B In.	Height B mm	Material	Color	Panel Thickness Range In.	Panel Thickness Range mm	Std. Pkg. Qty.
Slotted									
GEE36F-C	.106	2.7	.117	3.0	Polyethylene	Natural	.026 – .036	0.7 – 0.9	1
GEE36F-C0	.106	2.7	.117	3.0	Weather Resistant Polyethylene	Black	.026 – .036	0.7 – 0.9	1
GEE62F-C	.131	3.3	.160	4.1	Polyethylene	Natural	.036 – .062	0.9 – 1.6	1
GEE62F-C0	.131	3.3	.160	4.1	Weather Resistant Polyethylene	Black	.036 – .062	0.9 – 1.6	1
GEE99F-C	.169	4.3	.186	4.7	Polyethylene	Natural	.062 – .099	1.6 – 2.5	1
GEE99F-C0	.169	4.3	.186	4.7	Weather Resistant Polyethylene	Black	.062 – .099	1.6 – 2.5	1
GEE144F-C	.213	5.4	.222	5.6	Polyethylene	Natural	.099 – .144	2.5 – 3.7	1
GEE144F-C0	.222	5.6	.222	5.6	Weather Resistant Polyethylene	Black	.099 – .144	2.5 – 3.7	1
GEE62F-A-C	.131	3.3	.160	4.1	Polyethylene	Natural	.036 – .062	.9 – 1.6	1

Grommet Edging (continued)

Part Number	Width A In.	Width A mm	Height B In.	Height B mm	Material	Color	Panel Thickness Range In.	Panel Thickness Range mm	Std. Pkg. Qty.
GEE62F-A-C0	.131	3.3	.160	4.1	Weather Resistant Polyethylene	Black	.036 – .062	.9 – 1.6	1
GEE99F-A-C	.169	4.3	.186	4.7	Polyethylene	Natural	.062 – .099	1.6 – 2.5	1
GEE99F-A-C0	.169	4.3	.186	4.7	Weather Resistant Polyethylene	Black	.062 – .099	1.6 – 2.5	1
GEE144F-A-C	.213	5.4	.222	5.6	Polyethylene	Natural	.099 – .144	2.5 – 3.7	1
GEE144F-A-C0	.213	5.4	.222	5.6		Black	.099 – .144	2.5 – 3.7	1
GEE36FR-C	.106	2.7	.117	3.0	Flame Retardant Polyethylene	Natural	.026 – .036	.7 – .9	1
GEE62FR-C	.131	3.3	.160	4.1			.036 – .062	.9 – 1.6	1
GEE99FR-C	.169	4.3	.160	3.9			.062 – .099	1.6 – 2.5	1
GEE144FR-C	.213	5.4	.222	5.9			.099 – .144	2.5 – 3.7	1
GEE47N-C	.131	3.3	.14	3.5	Nylon 6.6		.039 – .055	1.0 – 1.4	1
GEE55N-C	.133	3.4	.14	3.5			.047 – .063	1.2 – 1.6	1
GEE71N-C	.150	3.8	.14	3.5			.063 – .079	1.6 – 2.0	1
GEE98N-C	.180	4.6	.14	3.5			.091 – .106	2.3 – 2.7	1
GEE134N-C	.210	5.3	.14	3.5			.126 – .142	3.2 – 3.6	1
GE318-L	.455	11.3	.255	6.5		Natural	.255 –.318	6.5 – 8.1	50
GE255-L	.385	9.8	.240	6.1		Natural	.192 – .255	4.9 – 6.5	50
Solid									
GES36F-C	.106	2.8	.117	3.1	Polyethylene	Natural	.026 – .036	.7 – .9	1
GES36F-C0	.106	2.8	.117	3.1	Weather Resistant Polyethylene	Black	.026 – .036	.7 – .9	1
GES62F-C	.131	3.3	.160	4.1	Polyethylene	Natural	.036 – .062	.9 – 1.6	1
GES62F-C0	.131	3.3	.160	4.1	Weather Resistant Polyethylene	Black	.036 – .062	.9 – 1.6	1
GES99F-C	.169	4.3	.186	4.8		Natural	.062 – .099	1.6 – 2.5	1
GES99F-C0	.169	4.3	.186	4.8		Black	.062 – .099	1.6 – 2.5	1
GES144F-C	.213	5.4	.222	5.6	Polyethylene	Natural	.099 – .144	2.5 – 3.7	1
GES144F-C0	.213	5.3	.222	5.6	Weather Resistant Polyethylene	Black	.099 – .144	2.5 – 3.7	1
GES189F-C	.30	7.6	.300	7.6	Polyethylene	Natural	.144 – .189	3.7 – 4.8	1
GES189F-C0	.30	7.6	.300	7.6	Weather Resistant Polyethylene	Black	.144 – .189	3.7 – 4.8	1
GES62F-A-C	.131	3.3	.160	4.1	Polyethylene	Natural	.036 – .062	.9 – 1.6	1
GES62F-A-C0	.131	3.3	.160	4.1	Weather Resistant Polyethylene	Black	.036 – .062	.9 – 1.6	1
GES99F-A-C	.169	4.3	.186	4.8	Polyethylene	Natural	.062 – .099	1.6 – 2.5	1
GES99F-A-C0	.169	4.3	.186	4.8		Black	.062 – .099	1.6 – 2.5	1
GES144F-A-C	.213	5.3	.222	5.6		Natural	.099 – .144	2.5 – 3.7	1
GES144F-A-C0	.213	5.3	.222	5.6		Black	.099 – .144	2.5 – 3.7	1
GES36FR-C	.106	2.8	.117	3.1	Flame Retardant Polyethylene	Natural	.026 – .036	.7 – .9	1
GES62FR-C	.131	3.3	.160	4.1			.036 – .062	.9 – 1.6	1
GES99FR-C	.169	4.3	.186	4.8			.062 – .099	1.6 – 2.5	1
GES144FR-C	.213	5.3	.222	5.6			.099 – .144	2.5 – 3.7	1

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Grommet Edging (continued)

Part Number	Width A		Height B		Material	Color	Panel Thickness Range		Std. Pkg. Qty.
	In.	mm	In.	mm			In.	mm	
Military Standard MS21266 in 12 3/4" lengths									
GE52-C	.150	3.8	.155	3.9	Nylon 6.6	Natural	.015 – .052	.4 – 1.3	100
GE52-C69	.150	3.8	.155	3.9	Flame Retardant Nylon 6.6		.015 – .052	.4 – 1.3	100
GE85-C	.175	4.5	.155	3.9	Nylon 6.6		.052 – .085	1.3 – 2.2	100
GE85-C69	.175	4.5	.155	3.9	Flame Retardant Nylon 6.6		.052 – .085	1.3 – 2.2	100
GE128-C	.220	5.6	.155	3.9	Nylon 6.6		.085 – .128	2.2 – 3.3	100
GE128-C69	.220	5.6	.155	3.9	Flame Retardant Nylon 6.6		.085 – .128	2.2 – 3.3	100
GE192-L	.325	8.3	.230	5.8	Nylon 6.6		.128 – .192	3.3 – 4.9	50
GE192-L69	.325	8.3	.230	5.8	Flame Retardant Nylon 6.6		.128 – .192	3.3 – 4.9	50
GE380-Q	.515	13.1	.255	6.5	Nylon 6.6		.318 – .380	8.1 – 9.7	25
GE510-Q	.640	16.3	.255	6.5	Nylon 6.6		.380 – .510	9.7 – 13.0	25

PANDUIT Heat Shrink Tubing

Heat Shrink Tubing Quick Selection Guide

Quick reference for *PANDUIT* Heat Shrink for specific location applications

CHARACTERISTICS	DRY SHRINK HEAT SHRINK					DAMP SHRINK HEAT SHRINK				WET SHRINK HEAT SHRINK		
	HSTT	HSTTV	HSTTN	HSTTK	HSTTT	HSTTP	HSTTVA	HSTTRA	HSTTA	HST	HSEC	HSECFR
U.L. Listed										X		
UL Recognized	X‡	X		X		X						
CSA Certified	X‡	X				X				X**		
VW-1-Rated		X		X		X						
Very Flexible		X	X									
Flexible	X					X	X		X			
Semi-Rigid				X	X			X		X		
Thin Wall	X	X	X	X	X	X	X	X	X			
Thick Wall										X	X	X
Cross-Linked Material	X	X	X	X		X	X	X	X	X	X	X
Colors Available	X	X								X*		
High Shrink Ratio	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:5:1	3:1	3:1	3:1	3:1
Flame Retardant	X‡	X	X	X	X	X	X	X	X	X		X
Adhesive Lined (Dual Wall)							X	X	X	X	X	X
Meets Military Specifications	X	X	X	X	X		X	X	X	X		
Below Ground Application										X		
High Temp Applications (>250°F)				X	X							
Highly Chemical Resistant			X	X	X							
Low Coefficient of Friction					X							
Custom Cut Lengths	X	X	X	X	X	X	X	X	X	X		
Standard 6" pieces	X	X					X		X			
Standard 4" lengths	X	X		X	X		X	X	X	X		
Small 25' Reels	X	X	X			X						
Large Reels	X	X	X			X						
IP Rating	62	62	62	62	—	62	66	66	66	68	68	68
Found on Page... (Prefix 'C')	3.11 – 3.14	3.15 – 3.17	3.19	3.20	3.19 – 3.20	3.18	3.21	3.22	3.21	3.22	3.24	3.24

*Black/Red
**Except red
‡Except Clear

Part Number System for Thin Wall Heat Shrink

HSTT | **12** | **48** | **Q** | **10**

Type

HSTT = Thin Wall
HSTTV = Thin Wall VW-1
HSTTN = Thin Wall Neoprene
HSTTK = Thin Wall PVDF KYNAR ▲
HSTTT = Thin Wall TFE TEFLON‡
HSTTP = Thin Wall PVC
HSTTVA = Flexible Adhesive Lined
HSTTRA = Semi-Rigid Adhesive Lined
HSTTA = Thin Wall Adhesive Lined
HST = Thick Wall Adhesive Lined
HSEC = Heat Shrink End Caps Adhesive Lined
HSECFR = Heat Shrink End Caps Flame Retardant Adhesive Lined

Expanded Diameter

05 = 3/64" (1.2mm)
06 = 1/16" (1.6mm)
09 = 3/32" (2.4mm)
12 = 1/8" (3.2mm)
19 = 3/16" (4.8mm)
25 = 1/4" (6.4mm)
38 = 3/8" (9.5mm)
50 = 1/2" (12.7mm)
75 = 3/4" (19.0mm)
100 = 1" (25.4mm)
150 = 1 1/2" (38.1mm)
200 = 2" (50.5mm)
300 = 3" (76.2mm)
400 = 4" (10.16mm)
0.4 = .40" (10.1mm)
0.5 = .47" (11.9mm)
0.8 = .80" (20.3mm)
1.0 = 1.0" (25.4mm)
1.1 = 1.1" (27.9mm)
1.5 = 1.5" (38.1mm)
2.0 = 2.0" (50.5mm)
3.0 = 3.0" (76.2mm)
4.0 = 4.0" (101.6mm)

Tube Length

3 = 3" (76.2mm)
6 = 6" (152.4mm)
9 = 9" (228.6mm)
12 = 12" (304.8mm)
48" = (1.2M)
NONE = REEL

Package Quantity

(If Tube Length Specified)

1 = 1 pc.
2 = 2 Pcs.
3 = 3 Pcs.
5 = 5 Pcs.
X = 10 Pcs.
Q = 25 Pcs.
LQ = 75 Pcs.
CQ = 125 Pcs.
T = 200 Pcs.
TL = 250 Pcs.
Y= 6" Pcs.

Reels

(If No Tube Length Specified)

Q = 25' (7.6M)
L = 50' (15.2M)
C = 100' (30.5M)
T = 200' (61.0M)
D = 500' (152.4M)
M = 1000' (304.8M)

Color

NONE = Black
C = Clear
2 = Red
4 = Yellow
5 = Green
6 = Blue
10 = White
45 = Yellow/Green

For Standard Packages containing 6" (152.4mm) lengths, refer to individual pages for complete part number offering.
Note: The above information is to be used as a guide. For specific part number offerings review individual pages for verification.
▲KYNAR is a registered trademark of Atofiina Chemicals, Inc.
‡TEFLON is a registered trademark of E. I. DuPont de Nemours Co.

HSTT Heat Shrink 4 ft (1.2M) Pieces and Reels

- Applications include insulating, protecting, and color coding wires and cables

- Voltage: 600V
- Shrink ratio: 2:1
- Flammability: Flame Retardant EXCEPT Clear
- UL Recognized, CSA Certified
- Mil Spec: AMS-DTL-23053/5 Class 1 (Colors) Class 2 (Clear)
- Temperature range: -67°F to 275°F (-55°C to 135°C)
- For dry locations
- Material: Black cross-linked Polyolefin

DRY SHRINK HEAT SHRINK IP62

Part Number	Length ft	Length M	Nominal Diameter / Size In.	Nominal Diameter / Size mm	Min. Expanded I.D. In.	Min. Expanded I.D. mm	Max. Recovered I.D. In.	Max. Recovered I.D. mm	Nominal Recovered Wall Thickness In.	Nominal Recovered Wall Thickness mm	Std. Pkg. Qty.	Std. Ctn. Qty.
HSTT05-48-Q	4	1.2	3/64	1.2	.046	1.2	.023	.6	.016	.4	25	—
HSTT05-48-TL	4	1.2	3/64	1.2	.046	1.2	.023	.6	.016	.4	250	—
HSTT05-C	100	30.5	3/64	1.2	.046	1.2	.023	.6	.016	.4	1	10
HSTT05-M	1000	304.8	3/64	1.2	.046	1.2	.023	.6	.016	.4	1	2
HSTT06-48-Q	4	1.2	1/16	1.6	.063	1.6	.031	.8	.017	.4	25	—
HSTT06-48-TL	4	1.2	1/16	1.6	.063	1.6	.031	.8	.017	.4	250	—
HSTT06-C	100	30.5	1/16	1.6	.063	1.6	.031	.8	.017	.4	1	10
HSTT06-M	1000	304.8	1/16	1.6	.063	1.6	.031	.8	.017	.4	1	2

*For colors, add C (Clear), 2 (Red), 4 (Yellow), 45 (Yellow/Green), 5 (Green), 6 (Blue), and 10 (White) to end of part number.

HSTT Heat Shrink 4 ft. (1.2M) Pieces and Reels (continued)

Part Number	Length ft	Length M	Nominal Diameter / Size In.	Nominal Diameter / Size mm	Min. Expanded I.D. In.	Min. Expanded I.D. mm	Max. Recovered I.D. In.	Max. Recovered I.D. mm	Nominal Recovered Wall Thickness In.	Nominal Recovered Wall Thickness mm	Std. Pkg. Qty.	Std. Ctn. Qty.
HSTT09-48-Q	4	1.2	3/32	2.4	.093	2.4	.046	1.2	.020	.5	25	—
HSTT09-48-TL	4	1.2	3/32	2.4	.093	2.4	.046	1.2	.020	.5	250	—
HSTT09-C	100	30.5	3/32	2.4	.093	2.4	.046	1.2	.020	.5	1	10
HSTT09-M	1000	304.8	3/32	2.4	.093	2.4	.046	1.2	.020	.5	1	2
HSTT12-48-Q	4	1.2	1/8	3.2	.125	3.2	.062	1.6	.020	.5	25	—
HSTT12-48-TL	4	1.2	1/8	3.2	.125	3.2	.062	1.6	.020	.5	250	—
HSTT12-C	100	30.5	1/8	3.2	.125	3.2	.062	1.6	.020	.5	1	10
HSTT12-M	1000	304.8	1/8	3.2	.125	3.2	.062	1.6	.020	.5	1	2
HSTT19-48-Q	4	1.2	3/16	4.8	.187	4.8	.093	2.4	.020	.5	25	—
HSTT19-48-TL	4	1.2	3/16	4.8	.187	4.8	.093	2.4	.020	.5	250	—
HSTT19-C	100	30.5	3/16	4.8	.187	4.8	.093	2.4	.020	.5	1	10
HSTT19-M	1000	304.8	3/16	4.8	.187	4.8	.093	2.4	.020	.5	1	2
HSTT25-48-Q	4	1.2	1/4	6.4	.250	6.4	.125	3.2	.025	.6	25	—
HSTT25-48-TL	4	1.2	1/4	6.4	.250	6.4	.125	3.2	.025	.6	250	—
HSTT25-C	100	30.5	1/4	6.4	.250	6.4	.125	3.2	.025	.6	1	10
HSTT25-D	500	152.4	1/4	6.4	.250	6.4	.125	3.2	.025	.6	1	2
HSTT38-48-Q	4	1.2	3/8	9.5	.375	9.5	.187	4.8	.025	.6	25	—
HSTT38-48-TL	4	1.2	3/8	9.5	.375	9.5	.187	4.8	.025	.6	250	—
HSTT38-C	100	30.5	3/8	9.5	.375	9.5	.187	4.8	.025	.6	1	10
HSTT38-T	200	61.1	3/8	9.5	.375	9.5	.187	4.8	.025	.6	1	2
HSTT50-48-Q	4	1.2	1/2	12.7	.500	12.7	.250	6.4	.025	.6	25	—
HSTT50-48-T	4	1.2	1/2	12.7	.500	12.7	.250	6.4	.025	.6	200	—
HSTT50-C	100	30.5	1/2	12.7	.500	12.7	.250	6.4	.025	.6	1	10
HSTT50-T	200	61.1	1/2	12.7	.500	12.7	.250	6.4	.025	.6	1	2
HSTT75-48-5	4	1.2	3/4	19.0	.750	19.0	.375	9.5	.030	.8	5	—
HSTT75-48-CQ	4	1.2	3/4	19.0	.750	19.0	.375	9.5	.030	.8	125	—
HSTT75-T	200	61.1	3/4	19.0	.750	19.0	.375	9.5	.030	.8	1	2
HSTT100-48-5	4	1.2	1	25.4	1.00	25.4	.500	12.7	.035	.9	5	—
HSTT100-48-LQ	4	1.2	1	25.4	1.00	25.4	.500	12.7	.035	.9	75	—
HSTT100-C	100	30.5	1	25.4	1.00	25.4	.500	12.7	.035	.9	1	2
HSTT150-48-5	4	1.2	1 1/2	38.1	1.50	38.1	.750	19.0	.040	1.0	5	—
HSTT150-C	100	30.5	1 1/2	38.1	1.50	38.1	.750	19.0	.040	1.0	1	2
HSTT200-48-5	4	1.2	2	50.8	2.00	50.8	1.00	25.4	.045	1.1	5	—
HSTT200-L	50	15.2	2	50.8	2.00	50.8	1.00	25.4	.045	1.1	1	2
HSTT300-48-2	4	1.2	3	76.2	3.00	76.2	1.50	38.1	.050	1.3	2	—
HSTT300-L	50	15.2	3	76.2	3.00	76.2	1.50	38.1	.050	1.3	1	1
HSTT400-48-2	4	1.2	4	101.6	4.00	101.6	2.00	50.8	.055	1.4	2	—
HSTT400-L	50	15.2	4	101.6	4.00	101.6	2.00	50.8	.055	1.4	1	1

*For colors, add C (Clear), 2 (Red), 4 (Yellow), 45 (Yellow/Green), 5 (Green), 6 (Blue), and 10 (White) to end of part number.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

HSTT Heat Shrink on 25 ft. Reels

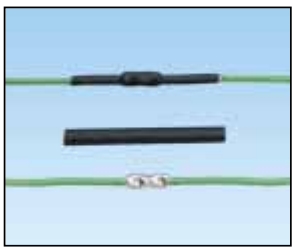
- Applications include insulating, protecting, and color coding wires and cables
- Voltage: 600V
- Shrink ratio: 2:1
- Flammability: Flame Retardant EXCEPT Clear
- UL Recognized, CSA Certified
- Mil Spec: AMS-DTL-23053/5 Class 1 (Colors) Class 2 (Clear)
- Temperature range: -67°F to 27°F (-55°C to 135°C)
- For dry locations
- Material: Black cross-linked Polyolefin

Part Number*	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm		
HSTT05-Q	3/64	1.2	.046	1.2	.023	.6	.016	.4	1	10
HSTT06-Q	1/16	1.6	.063	1.6	.031	.8	.017	.4	1	10
HSTT09-Q	3/32	2.4	.093	2.4	.046	1.2	.020	.5	1	10
HSTT12-Q	1/8	3.2	.125	3.2	.062	1.6	.020	.5	1	10
HSTT19-Q	3/16	4.8	.187	4.8	.093	2.4	.020	.5	1	10
HSTT25-Q	1/4	6.4	.250	6.4	.125	3.2	.025	.6	1	10
HSTT38-Q	3/8	9.5	.375	9.5	.187	4.8	.025	.6	1	10
HSTT50-Q	1/2	12.7	.500	12.7	.250	6.4	.025	.6	1	10
HSTT75-Q	3/4	19.0	.750	19.0	.375	9.5	.030	.8	1	10

*For Clear add C to end of part number.

Heat Shrink in 6 In. Pieces; Single Color, Single Diameter

- Applications include insulating, protecting, and color coding wires and cables
- Voltage: 600V
- Shrink ratio: 2:1
- Flammability: Flame Retardant EXCEPT Clear
- UL Recognized, CSA Certified
- Mil Spec: AMS-DTL-23053/5 Class 1 (Colors) Class 2 (Clear)
- Temperature range: -67°F to 275°F (-55°C to 135°C)
- For dry locations
- Material: Cross-linked Polyolefin



Part Number	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm		
HSTT06-Y	1/16	1.6	.063	1.6	.031	.8	.017	.4	1	10
HSTT09-Y	3/32	2.4	.093	2.4	.046	1.2	.020	.5	1	10
HSTT12-Y	1/8	3.2	.125	3.2	.062	1.6	.020	.5	1	10
HSTT19-Y	3/16	4.8	.187	4.8	.093	2.4	.020	.5	1	10
HSTT25-Y	1/4	6.4	.250	6.4	.125	3.2	.025	.6	1	10
HSTT38-Y	3/8	9.5	.375	9.5	.187	4.8	.025	.6	1	10
HSTT50-Y	1/2	12.7	.500	12.7	.250	6.4	.025	.6	1	10
HSTT75-Y	3/4	19.0	.750	19.0	.375	9.5	.030	.8	1	10
HSTT100-Y	1	25.4	1.00	25.4	.500	12.7	.035	.9	1	10

Heat Shrink in 6 In. Pieces; Multi-Color, Single Diameter

- Applications include insulating, protecting, and color coding wires and cables
- Voltage: 600V
- Shrink ratio: 2:1
- Flammability: Flame Retardant EXCEPT Clear
- UL Recognized, CSA Certified
- Mil Spec: AMS-DTL-23053/5 Class 1 (Colors) Class 2 (Clear)
- Temperature range: -67°F to 275°F (-55°C to 135°C)
- For dry locations
- Material: Cross-linked Polyolefin
- Colors include: Clear, red, yellow, green, blue and white

Part Number	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Black No. of pieces	Each Color No. of pieces	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm				
HSTT06-YK1	1/16	1.6	.063	1.6	.031	.8	8	3	1	10
HSTT09-YK1	3/32	2.4	.093	2.4	.046	1.2	6	3	1	10
HSTT12-YK1	1/8	3.2	.125	3.2	.062	1.6	2	3	1	10
HSTT19-YK1	3/16	4.8	.187	4.8	.093	2.4	6	2	1	10
HSTT25-YK1	1/4	6.4	.250	6.4	.125	3.2	2	2	1	10
HSTT38-YK1	3/8	9.5	.375	9.5	.187	4.8	6	1	1	10
HSTT50-YK1	1/2	12.7	.500	12.7	.250	6.4	4	1	1	10
HSTT75-YK1	3/4	19.0	.750	19.0	.375	9.5	2	1	1	10
HSTT100-YK1	1	25.4	1.00	25.4	.500	12.7	1	1	1	10

Heat Shrink in 6 In. Pieces; Black, Multiple Diameters

- Applications include insulating, protecting, and color coding wires and cables
- Voltage: 600V
- Shrink ratio: 2:1
- Flammability: Flame Retardant EXCEPT Clear
- UL Recognized, CSA Certified
- Mil Spec: AMS-DTL-23053/5 Class 1 (Colors) Class 2 (Clear)
- Temperature range: -67°F to 275°F (-55°C to 135°C)
- For dry locations
- Material: Cross-linked Polyolefin

Part Number	Nominal Diameter	No. of pieces by Diameter	Std. Pkg.	Std. Ctn.
HSTT-YK1	Various – Smaller Range	Two pcs. each 1/8", 1/16", 3/16", 3/32", 1/4", 1/2", 3/8"	1	10
HSTT-YK2	Various – Larger Range	Two pcs. each 3/8", 1/2", 3/4", 1"	1	10

Heat Shrink in 6 In. Pieces; Yellow/Green Stripe, Multiple Diameters

- Applications include insulating, protecting, and color coding wires and cables
- Voltage: 600V
- Shrink ratio: 2:1
- Flammability: Flame Retardant
- UL Recognized, CSA Certified
- Mil Spec: AMS-DTL-23053/5 Class 1
- Temperature range: -67°F to 275°F (-55°C to 135°C)
- For dry locations
- Material: Cross-linked Polyolefin

Part Number	Nominal Diameter	No. of pieces by Diameter	Std. Pkg. Qty.	Std. Ctn. Qty.
HSTT-YK1-45	Various – Smaller Range	Two pcs. each 1/8", 3/16", 1/4", 3/8"	1	10
HSTT-YK2-45	Various – Larger Range	Two pcs. each 3/8", 1/2", 3/4"	1	10

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

HSTTV Heat Shrink 4 ft. Pieces and Reels

- Applications include insulating, protecting, and color coding wires and cables
- Fast shrink time
- Voltage: 600V
- Shrink ratio: 2:1
- Flammability: Meets UL 224 VW-1
- UL Recognized, CSA Certified
- Mil Spec: AMS-DTL-23053/5 Class 3
- Temperature range: -67°F to 275°F (-55°C to 135°C)
- For dry locations
- Material: Black cross-linked Polyolefin

Part Number	Length		Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Std. Pkg. Qty.
	ft	M	In.	mm	In.	mm	In.	mm	In.	mm	
HSTTV05-48-Q	4	1.2	3/64	1.2	.046	1.2	.023	.6	.016	.4	25
HSTTV05-48-TL	4	1.2	3/64	1.2	.046	1.2	.023	.6	.016	.4	250
HSTTV06-48-Q	4	1.2	1/16	1.6	.063	1.6	.031	.8	.017	.4	25
HSTTV06-48-TL	4	1.2	1/16	1.6	.063	1.6	.031	.8	.017	.4	250
HSTTV09-48-Q	4	1.2	3/32	2.4	.093	2.4	.046	1.2	.020	.5	25
HSTTV09-48-TL	4	1.2	3/32	2.4	.093	2.4	.046	1.2	.020	.5	250
HSTTV12-48-Q	4	1.2	1/8	3.2	.125	3.2	.062	1.6	.020	.5	25
HSTTV12-48-TL	4	1.2	1/8	3.2	.125	3.2	.062	1.6	.020	.5	250
HSTTV19-48-Q	4	1.2	3/16	4.8	.187	4.8	.093	2.4	.020	.5	25
HSTTV19-48-TL	4	1.2	3/16	4.8	.187	4.8	.093	2.4	.020	.5	250
HSTTV25-48-Q	4	1.2	1/4	6.4	.250	6.4	.125	3.2	.025	.6	25
HSTTV25-48-TL	4	1.2	1/4	6.4	.250	6.4	.125	3.2	.025	.6	250
HSTTV38-48-Q	4	1.2	3/8	9.5	.375	9.5	.187	4.8	.025	.6	25
HSTTV38-48-TL	4	1.2	3/8	9.5	.375	9.5	.187	4.8	.025	.6	250
HSTTV50-48-Q	4	1.2	1/2	12.7	.500	12.7	.250	6.4	.025	.6	25
HSTTV50-48-T	4	1.2	1/2	12.7	.500	12.7	.250	6.4	.025	.6	200
HSTTV75-48-5	4	1.2	3/4	19.0	.75	19.0	.375	9.5	.030	.8	5
HSTTV75-48-CQ	4	1.2	3/4	19.0	.75	19.0	.375	9.5	.030	.8	125
HSTTV100-48-5	4	1.2	1	25.4	1.00	25.4	.500	12.7	.035	.9	5
HSTTV100-48-LQ	4	1.2	1	25.4	1.00	25.4	.500	12.7	.035	.9	75
HSTTV150-48-5	4	1.2	1 1/2	38.1	1.50	38.1	.750	19.0	.040	1.0	5
HSTTV05-C	100	30.5	3/64	1.2	.046	1.2	.023	.6	.016	.4	1
HSTTV06-C	100	30.5	1/16	1.6	.063	1.6	.031	.8	.017	.4	1
HSTTV09-C	100	30.5	3/32	2.4	.093	2.4	.046	1.2	.020	.5	1
HSTTV12-C	100	30.5	1/8	3.2	.125	3.2	.062	1.6	.020	.5	1
HSTTV19-C	100	30.5	3/16	4.8	.187	4.8	.093	2.4	.020	.5	1
HSTTV25-C	100	30.5	1/4	6.4	.250	6.4	.125	3.2	.025	.6	1
HSTTV38-C	100	30.5	3/8	9.5	.375	9.5	.187	4.8	.025	.6	1
HSTTV50-C	100	30.5	1/2	12.7	.500	12.7	.250	6.4	.025	.6	1
HSTTV75-C	100	30.5	3/4	19.0	.750	19.0	.375	9.5	.030	.8	1
HSTTV100-C	100	30.5	1	25.4	1.00	25.4	.500	12.7	.035	.9	1
HSTTV150-C	100	30.5	1 1/2	38.1	1.50	38.1	.750	19.0	.040	1.0	1

HSTTV Heat Shrink on Bulk Reels

- Applications include insulating, protecting, and color coding wires and cables
- Fast shrink time
- Voltage: 600V
- Shrink ratio: 2:1
- Flammability: Meets UL 224 VW-1
- UL Recognized, CSA Certified
- Mil Spec: AMS-DTL-23053/5 Class 3
- Temperature range: -67°F to 275°F (-55°C to 135°C)
- For dry locations
- Material: Cross-linked Polyolefin

Part Number	Nominal Diameter/Size		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Length		Color	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	ft	m			
HSTTV05-M	3/64	1.2	.046	1.2	.023	.6	.016	.4	1000	304.8	Black	1	2
HSTTV05-M2	3/64	1.2	.046	1.2	.023	.6	.016	.4	1000	304.8	Red	1	2
HSTTV05-M4	3/64	1.2	.046	1.2	.023	.6	.016	.4	1000	304.8	Yellow	1	2
HSTTV05-M6	3/64	1.2	.046	1.2	.023	.6	.016	.4	1000	304.8	Blue	1	2
HSTTV06-M	1/16	1.6	.063	1.6	.031	.8	.017	.4	1000	304.8	Black	1	2
HSTTV06-M2	1/16	1.6	.063	1.6	.031	.8	.017	.4	1000	304.8	Red	1	2
HSTTV06-M4	1/16	1.6	.063	1.6	.031	.8	.017	.4	1000	304.8	Yellow	1	2
HSTTV06-M6	1/16	1.6	.063	1.6	.031	.8	.017	.4	1000	304.8	Blue	1	2
HSTTV09-M	3/32	2.4	.093	2.4	.046	1.2	.02	.5	1000	304.8	Black	1	2
HSTTV09-M2	3/32	2.4	.093	2.4	.046	1.2	.02	.5	1000	304.8	Red	1	2
HSTTV09-M4	3/32	2.4	.093	2.4	.046	1.2	.02	.5	1000	304.8	Yellow	1	2
HSTTV09-M6	3/32	2.4	.093	2.4	.046	1.2	.02	.5	1000	304.8	Blue	1	2
HSTTV12-M	1/8	3.2	.125	3.2	.062	1.6	.02	.5	1000	304.8	Black	1	2
HSTTV12-M2	1/8	3.2	.125	3.2	.062	1.6	.02	.5	1000	304.8	Red	1	2
HSTTV12-M4	1/8	3.2	.125	3.2	.062	1.6	.02	.5	1000	304.8	Yellow	1	2
HSTTV12-M6	1/8	3.2	.125	3.2	.062	1.6	.02	.5	1000	304.8	Blue	1	2
HSTTV19-M	3/16	4.8	.187	4.8	.093	2.4	.02	.5	1000	304.8	Black	1	2
HSTTV19-M2	3/16	4.8	.187	4.8	.093	2.4	.02	.5	1000	304.8	Red	1	2
HSTTV19-M4	3/16	4.8	.187	4.8	.093	2.4	.02	.5	1000	304.8	Yellow	1	2
HSTTV19-M6	3/16	4.8	.187	4.8	.093	2.4	.02	.5	1000	304.8	Blue	1	2
HSTTV25-D	1/4	6.4	.250	6.4	.125	3.2	.025	.6	500	152.4	Black	1	2
HSTTV25-D2	1/4	6.4	.250	6.4	.125	3.2	.025	.6	500	152.4	Red	1	2
HSTTV25-D4	1/4	6.4	.250	6.4	.125	3.2	.025	.6	500	152.4	Yellow	1	2
HSTTV25-D6	1/4	6.4	.250	6.4	.125	3.2	.025	.6	500	152.4	Blue	1	2
HSTTV38-T	3/8	9.5	.375	9.5	.187	4.8	.025	.6	200	61.0	Black	1	2
HSTTV38-T2	3/8	9.5	.375	9.5	.187	4.8	.025	.6	200	61.0	Red	1	2
HSTTV38-T4	3/8	9.5	.375	9.5	.187	4.8	.025	.6	200	61.0	Yellow	1	2
HSTTV38-T6	3/8	9.5	.375	9.5	.187	4.8	.025	.6	200	61.0	Blue	1	2
HSTTV50-T	1/2	12.7	.500	12.7	.250	6.4	.025	.6	200	61.0	Black	1	2
HSTTV50-T2	1/2	12.7	.500	12.7	.250	6.4	.025	.6	200	61.0	Red	1	2
HSTTV50-T4	1/2	12.7	.500	12.7	.250	6.4	.025	.6	200	61.0	Yellow	1	2
HSTTV50-T6	1/2	12.7	.500	12.7	.250	6.4	.025	.6	200	61.0	Blue	1	2
HSTTV75-T	3/4	19.0	.750	19.0	.375	9.5	.03	.8	200	61.0	Black	1	2
HSTTV75-T2	3/4	19.0	.750	19.0	.375	9.5	.03	.8	200	61.0	Red	1	2
HSTTV75-T4	3/4	19.0	.750	19.0	.375	9.5	.03	.8	200	61.0	Yellow	1	2
HSTTV75-T6	3/4	19.0	.750	19.0	.375	9.5	.03	.8	200	61.0	Blue	1	2

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

HSTTV Heat Shrink on 25 ft. Reels

- Applications include insulating, protecting, and color coding wires and cables
- Fast shrink time
- Voltage: 600V
- Shrink ratio: 2:1
- Flammability: Meets UL 224 VW-1
- UL Recognized, CSA Certified
- Mil Spec: AMS-DTL-23053/5 Class 3
- Temperature range: -67°F to 275°F (-55°C to 135°C)
- For dry locations
- Material: Black cross-linked Polyolefin

Part Number	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm		
HSTTV05-Q	3/64	1.2	.046	1.2	.023	.6	.016	.4	1	10
HSTTV06-Q	1/16	1.6	.063	1.6	.031	.8	.017	.4	1	10
HSTTV09-Q	3/32	2.4	.093	2.4	.046	1.2	.020	.5	1	10
HSTTV12-Q	1/8	3.2	.125	3.2	.062	1.6	.020	.5	1	10
HSTTV19-Q	3/16	4.8	.187	4.8	.093	2.4	.020	.5	1	10
HSTTV25-Q	1/4	6.4	.250	6.4	.125	3.2	.025	.6	1	10
HSTTV38-Q	3/8	9.5	.375	9.5	.187	4.8	.025	.6	1	10
HSTTV50-Q	1/2	12.7	.500	12.7	.250	6.4	.025	.6	1	10
HSTTV75-Q	3/4	19.0	.750	19.0	.375	9.5	.030	.8	1	10
HSTTV100-Q	1	25.4	1.00	25.4	.500	12.7	.035	.9	1	2

HSTTV Heat Shrink 6 In. Pieces

- Applications include insulating, protecting, and color coding wires and cables
- Fast shrink time
- Voltage: 600V
- Shrink ratio: 2:1
- Flammability: Meets UL 224 VW-1
- UL Recognized, CSA Certified
- Mil Spec: AMS-DTL-23053/5 Class 3
- Temperature range: -67°F to 275°F (-55°C to 135°C)
- For dry locations
- Material: Black cross-linked Polyolefin

Part Number	Nominal Diameter/Size		Min. Expanded I.D.		Max. Recovered I.D.		Pieces per Package	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm			
HSTTV05-Y	3/64	1.2	.046	1.2	.023	.6	26	1	10
HSTTV06-Y	1/16	1.6	.063	1.6	.031	.8	24	1	10
HSTTV09-Y	3/32	2.4	.093	2.4	.046	1.2	20	1	10
HSTTV12-Y	1/8	3.2	.125	3.2	.062	1.6	18	1	10
HSTTV19-Y	3/16	4.8	.187	4.8	.093	2.4	14	1	10
HSTTV25-Y	1/4	6.4	.250	6.4	.125	3.2	12	1	10
HSTTV38-Y	3/8	9.5	.375	9.5	.187	4.8	10	1	10
HSTTV50-Y	1/2	12.7	.500	12.7	.250	6.4	8	1	10
HSTTV75-Y	3/4	19.0	.750	19.0	.375	9.5	6	1	10
HSTTV100-Y	1	25.4	1.00	25.4	.500	12.7	26	1	10

HSTTP PVC Heat Shrink Reels

- Applications include insulating, protecting, and color coding wires and cables
- Good resistance to most fuels and oils
- Voltage: 600V
- Shrink ratio: 2:1
- Flammability: Meets UL224 VW-1
- UL Recognized, CSA Certified
- Temperature range: -4°F to 221°F (-20°C to 105°C)
- For dry locations
- Material: Black cross-linked Polyvinyl Chloride

Part Number	Nominal Diameter/Size In.	Nominal Diameter/Size mm	Min. Expanded I.D. In.	Min. Expanded I.D. mm	Max. Recovered I.D. In.	Max. Recovered I.D. mm	Nominal Recovered Wall Thickness In.	Nominal Recovered Wall Thickness mm	Length ft	Length m	Std. Pkg. Qty.	Std. Ctn. Qty.
HSTTP05-Q	3/64	1.2	.046	1.2	.023	.6	.020	.5	25	7.5	1	10
HSTTP05-C	3/64	1.2	.046	1.2	.023	.6	.020	.5	100	30.5	1	2
HSTTP05-M	3/64	1.2	.046	1.2	.023	.6	.020	.5	1000	304.8	1	2
HSTTP06-Q	1/16	1.6	.063	1.6	.031	.8	.020	.5	25	7.5	1	10
HSTTP06-C	1/16	1.6	.063	1.6	.031	.8	.020	.5	100	30.5	1	2
HSTTP06-M	1/16	1.6	.063	1.6	.031	.8	.020	.5	1000	304.8	1	2
HSTTP09-Q	3/32	2.4	.093	2.4	.046	1.2	.025	.6	25	7.5	1	10
HSTTP09-C	3/32	2.4	.093	2.4	.046	1.2	.025	.6	100	30.5	1	2
HSTTP09-M	3/32	2.4	.093	2.4	.046	1.2	.025	.6	1000	304.8	1	2
HSTTP12-Q	1/8	3.2	.125	3.2	.062	1.6	.025	.6	25	7.5	1	10
HSTTP12-C	1/8	3.2	.125	3.2	.062	1.6	.025	.6	100	30.5	1	2
HSTTP12-M	1/8	3.2	.125	3.2	.062	1.6	.025	.6	1000	304.8	1	2
HSTTP19-Q	3/16	4.8	.187	4.8	.093	2.4	.025	.6	25	7.5	1	10
HSTTP19-C	3/16	4.8	.187	4.8	.093	2.4	.025	.6	100	30.5	1	2
HSTTP19-M	3/16	4.8	.187	4.8	.093	2.4	.025	.6	1000	304.8	1	2
HSTTP25-Q	1/4	6.4	.250	6.4	.125	3.2	.025	.6	25	7.5	1	10
HSTTP25-C	1/4	6.4	.250	6.4	.125	3.2	.025	.6	100	30.5	1	2
HSTTP25-D	1/4	6.4	.250	6.4	.125	3.2	.025	.6	500	500	1	2
HSTTP38-Q	3/8	9.5	.375	9.5	.187	4.8	.030	.8	25	7.5	1	10
HSTTP38-C	3/8	9.5	.375	9.5	.187	4.8	.030	.8	100	30.5	1	2
HSTTP38-T	3/8	9.5	.375	9.5	.187	4.8	.030	.8	200	60.9	1	2
HSTTP50-Q	1/2	12.7	.500	12.7	.250	6.4	.030	.8	25	7.5	1	10
HSTTP50-C	1/2	12.7	.500	12.7	.250	6.4	.030	.8	100	30.5	1	2
HSTTP75-Q	3/4	19.0	.750	19.0	.375	9.5	.035	.9	25	7.5	1	10
HSTTP75-C	3/4	19.0	.750	19.0	.375	9.5	.035	.9	100	30.5	1	2
HSTTP100-Q	1	25.4	1.00	25.4	.500	12.7	.040	1.0	25	7.5	1	2
HSTTP100-C	1	25.4	1.00	25.4	.500	12.7	.040	1.0	100	30.5	1	2
HSTTP150-Q	1 1/2	38.1	1.50	38.1	.750	19.0	.045	1.1	25	7.5	1	2
HSTTP150-C	1 1/2	38.1	1.50	38.1	.750	19.0	.045	1.1	100	30.5	1	2
HSTTP200-Q	2	50.8	2.00	50.8	1.00	25.4	.050	1.3	25	7.5	1	2

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

HSTTN Neoprene Heat Shrink Reels

- Applications include insulating, protecting, and color coding wires and cables
- Excellent chemical resistance especially to fuels and oils
- Voltage: 600V
- Shrink ratio: 2:1
- Mil Spec: AMS-DTL-23053/1 Class 2
- Temperature range: -94°F to 250°F (-70°C to 121°C)
- For dry locations
- Material: Black cross-linked Neoprene

Part Number	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	ft	m		
HSTTN25-C	1/4	6.4	.250	6.4	.143	3.6	.035	.9	100	30.5	1	2
HSTTN38-C	3/8	9.5	.375	9.5	.211	5.4	.040	1.0	100	30.5	1	2
HSTTN50-C	1/2	12.7	.500	12.7	.286	7.3	.048	1.2	100	30.5	1	2
HSTTN63-C	5/8	15.9	.625	15.9	.357	9.1	.052	1.3	100	30.5	1	2
HSTTN75-C	3/4	19.0	.750	19.0	.428	10.9	.057	1.5	100	30.5	1	2
HSTTN88-C	7/8	22.2	.875	22.2	.500	12.7	.065	1.7	100	30.5	1	2
HSTTN100-C	1	25.4	1.00	25.4	.570	14.5	.070	1.8	100	30.5	1	2
HSTTN125-C	1 1/4	31.8	1.25	31.8	.714	18.1	.087	2.2	100	30.5	1	2
HSTTN150-C	1 1/2	38.1	1.50	38.1	.875	21.8	.095	2.4	100	30.5	1	2
HSTTN200-Q	2	50.8	2.00	50.8	1.14	29.0	.110	2.8	25	7.5	1	2
HSTTN300-Q	3	76.2	3.00	76.2	1.71	43.4	.125	3.8	25	7.5	1	2

HSTTT TEFLON‡ Heat Shrink 4 ft. pieces

- Applications include insulating, protecting, and color coding wires and cables
- Voltage: 600V
- Shrink ratio: 2:1
- Mil Spec: AMS-DTL-23053/12 Class 3
- Temperature range: -400°F to 500°F (-240°C to 260°C)
- Color: Opaque
- For dry locations
- Material: Polytetrafluroethylene (PTFE)

Part Number	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Length		Std. Pkg. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	ft	M	
HSTTT03-48-Q	30 AWG	.051	.034	.9	.015	.4	.009	.2	4	1.2	25
HSTTT04-48-Q	28 AWG	.081	.038	1.0	.018	.5	.009	.2	4	1.2	25
HSTTT046-48-Q	26 AWG	.13	.046	1.2	.022	.5	.010	.3	4	1.2	25
HSTTT05-48-Q	24 AWG	.21	.050	1.3	.027	.7	.010	.3	4	1.2	25
HSTTT055-48-Q	22 AWG	.33	.055	1.4	.032	.8	.012	.3	4	1.2	25
HSTTT06-48-Q	20 AWG	.52	.060	1.5	.039	1.0	.012	.3	4	1.2	25
HSTTT08-48-Q	18 AWG	.82	.076	1.9	.049	1.2	.012	.3	4	1.2	25

‡TEFLON is a registered trademark of E. I. DuPont de Nemours Co.

HSTTT TEFLON‡ Heat Shrink 4 ft. pieces (continued)

Part Number	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Length		Std. Pkg. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	ft	M	
HSTTT09-48-Q	16 AWG	1.31	.093	2.3	.061	1.6	.012	.3	4	1.2	25
HSTTT12-48-Q	14 AWG	2.08	.120	3.0	.072	1.8	.012	.3	4	1.2	25
HSTTT15-48-Q	12 AWG	3.31	.150	3.8	.089	2.3	.012	.3	4	1.2	25
HSTTT19-48-Q	10 AWG	5.26	.191	4.9	.112	2.8	.012	.3	4	1.2	25
HSTTT24-48-Q	8 AWG	8.36	.240	6.0	.141	3.6	.015	.4	4	1.2	25
HSTTT30-48-Q	6 AWG	13.3	.302	7.7	.178	4.5	.015	.4	4	1.2	25
HSTTT37-48-Q	4 AWG	21.1	.370	9.4	.224	5.7	.015	.4	4	1.2	25
HSTTT43-48-Q	2 AWG	33.6	.430	10.9	.278	7.0	.015	.4	4	1.2	25
HSTTT47-48-Q	0 AWG	53.5	.470	11.9	.347	8.8	.015	.4	4	1.2	25
HSTTT56-48-5	9/16	14.2	.560	14.2	.399	10.1	.015	.4	4	1.2	5
HSTTT66-48-5	5/8	15.9	.655	16.6	.462	11.7	.018	.5	4	1.2	5
HSTTT75-48-5	3/4	19.0	.750	19.0	.524	13.3	.018	.5	4	1.2	5
HSTTT93-48-5	15/16	23.6	.930	23.6	.655	16.6	.020	.5	4	1.2	5
HSTTT112-48-5	1 1/8	28.6	1.12	26.6	.786	20.0	.025	.6	4	1.2	5
HSTTT131-48-2	1 5/16	33.3	1.310	33.3	.911	23.1	.030	.8	4	1.2	2
HSTTT150-48-2	1 1/2	38.1	1.500	38.1	1.036	26.3	.030	.8	4	1.2	2

‡TEFLON is a registered trademark of E. I. DuPont de Nemours Co.

HSTTK KYNAR▲ Heat Shrink 4 ft. pieces

- Applications include insulating, protecting, and color coding wires and cables
- Excellent chemical and abrasion resistance
- Use in high temperature or solvent rich environment
- Voltage: 600V
- Shrink ratio: 2:1
- Flammability: Meets UL224 VW-1
- Mil Spec: AMS-DTL-23053/8
- Temperature range: -67°F to 347°F (-55°C to 175°C)
- For dry locations
- Material: Cross-linked Polyvinylidfene Fluoride (PVDF)

Part Number	Nominal Diameter		Min. Expanded I.D.		Nominal Recovered Wall Thickness		Length		Std. Pkg. Qty.
	In.	mm	In.	mm	In.	mm	ft	M	
HSTTK05-48-Q	3/64	1.2	.046	1.2	.010	.3	4	1.2	25
HSTTK06-48-Q	1/16	1.6	.063	1.6	.010	.3	4	1.2	25
HSTTK09-48-Q	3/32	2.4	.093	2.4	.010	.3	4	1.2	25
HSTTK12-48-Q	1/8	3.2	.125	3.2	.010	.3	4	1.2	25
HSTTK19-48-Q	3/16	4.8	.187	4.8	.010	.3	4	1.2	25
HSTTK25-48-Q	1/4	6.4	.250	6.4	.010	.3	4	1.2	25
HSTTK38-48-Q	3/8	9.5	.375	9.5	.012	.3	4	1.2	25
HSTTK50-48-5	1/2	12.7	.500	12.7	.012	.3	4	1.2	5
HSTTK75-48-5	3/4	19.0	.750	19.0	.017	.4	4	1.2	5
HSTTK100-48-5	1	25.4	1.00	25.4	.019	.5	4	1.2	5

▲KYNAR is a registered trademark of Atofina Chemicals, Inc.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

HSTTVA Heat Shrink 4 ft. Pieces

- Applications include insulating, protecting, and color coding wires and cables
- Flexible tubing with an adhesive inner wall which seals and protects components from moisture and corrosion
- Voltage rating: 600V
- Shrink ratio: 2:1
- Flammability: Highly flame retardant outer wall meets UL224 VW-1
- Mil Spec: AMS-DTL-23053/4 Class 2
- Temperature range: -67°F to 230°F (-55°C to 110°C)
- For damp locations
- Material: Adhesive lined black cross-linked Polyolefin

Part Number	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Std. Pkg. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	
HSTTVA12-48-Q	1/8	3.2	.125	3.2	.062	1.6	.020	.5	25
HSTTVA19-48-Q	3/16	4.8	.187	4.8	.093	2.4	.022	.6	25
HSTTVA25-48-Q	1/4	6.4	.250	6.4	.125	3.2	.030	.8	25
HSTTVA38-48-Q	3/8	9.5	.375	9.5	.187	4.8	.031	.8	25
HSTTVA50-48-5	1/2	12.7	.500	12.7	.250	6.4	.032	.8	5
HSTTVA75-48-5	3/4	19.0	.750	19.0	.375	9.5	.037	.9	5
HSTTVA100-48-5	1	25.4	1.00	25.4	.500	12.7	.046	1.2	5
HSTTVA150-48-5	1 1/2	38.1	1.50	38.1	.750	19.0	.049	1.2	5

HSTTA Heat Shrink 6 In. Pieces

- Applications include insulating, protecting, and color coding wires and cables
- Flexible tubing with an adhesive inner wall which seals and protects components from moisture and corrosion
- Voltage rating: 600V
- Shrink ratio: 3:1
- Flammability: Outer wall flame retardant
- Mil Spec: AMS-DTL-23053/4 Class 3
- Temperature range: -67°F to 230°F (-55°C to 110°C)
- For damp locations
- Material: Adhesive lined black cross-linked Polyolefin

Part Number	Nominal Diameter/Size		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm		
HSTTA19-Y	3/16	4.8	.187	4.8	.062	1.6	.040	1.0	1	10
HSTTA25-Y	1/4	6.4	.250	6.4	.080	2.0	.040	1.0	1	10
HSTTA38-Y	3/8	9.5	.375	9.5	.120	3.0	.055	1.4	1	10
HSTTA50-Y	1/2	12.7	.500	12.7	.160	4.1	.070	1.8	1	10
HSTTA75-Y	3/4	19.0	.750	19.0	.250	6.4	.085	2.2	1	10
HSTTA100-Y	1	25.4	1.00	25.4	.320	8.1	.100	2.5	1	10
HSTTA150-Y	1 1/2	38.1	1.50	38.1	.510	12.9	.100	2.5	1	10

HSTTRA Heat Shrink 4 ft. pieces

- Applications include insulating, protecting, and color coding wires and cables
- Semi-rigid tubing with an adhesive inner wall seals and protects components from moisture and corrosion
- Voltage rating: 600V
- Shrink ratio: 2.5:1
- Mil Spec: AMS-DTL-23053/4 Class 1
- Temperature range: -67°F to 230°F (-55°C to 110°C)
- For damp locations
- Material: Adhesive lined black cross-linked Polyolefin

Part Number	Nominal Diameter		Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Std. Pkg. Qty.
	In.	mm	In.	mm	In.	mm	In.	mm	
HSTTRA12-48-Q	1/8	3.2	.125	3.2	.023	.6	.038	1.0	25
HSTTRA19-48-Q	3/16	4.8	.187	4.8	.060	1.5	.043	1.1	25
HSTTRA25-48-Q	1/4	6.4	.250	6.4	.080	2.0	.047	1.2	25
HSTTRA38-48-Q	3/8	9.5	.375	9.5	.135	3.4	.050	1.3	25
HSTTRA50-48-5	1/2	12.7	.500	12.7	.195	5.0	.059	1.5	5
HSTTRA75-48-5	3/4	19.0	.750	19.0	.313	8.0	.065	1.7	5
HSTTRA100-48-5	1	25.4	1.00	25.4	.400	10.6	.075	1.9	5

HST Thick Wall Polyolefin Heat Shrink

- Applications include insulating, protecting, and color coding wires and cables
- Adhesive-lined inner wall seals and protects against moisture
- Thick wall suitable for direct burial according to UL 486D and provides excellent protection
- Voltage rating: 600V
- Shrink ratio: 3:1
- Flammability: Flame retardant outer wall meets UL224 VW-1
- UL Listed (Except HST3.0), CSA Certified
- Mil Spec: AMS-DTL-23053/15
- Temperature range: -85°F to 230°F (-65°C to 110°C)
- For wet locations
- Material: Adhesive lined black cross-linked Polyolefin

Part Number	Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Copper Conductor Size Range		Min. Cable O.D.		Max. Connector O.D.		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	AWG/MCM	mm²	In.	mm	In.	mm	In.	mm		
HST0.4-3-Q*	.40	10.1	.15	3.8	.090	2.3	#12 – #6 AWG	4 – 10	.170	4.3	.350	8.9	3.00	76.2	25	100
HST0.4-6-3	.40	10.1	.15	3.8	.090	2.3	#12 – #6 AWG	4 – 10	.170	4.3	.350	8.9	6.00	152.4	3	30
HST0.4-6-X*	.40	10.1	.15	3.8	.090	2.3	#12 – #6 AWG	4 – 10	.170	4.3	.350	8.9	6.00	152.4	10	100
HST0.4-48-5*	.40	10.1	.15	3.8	.090	2.3	#12 – #6 AWG	4 – 10	.170	4.3	.350	8.9	48.00	1200.0	5	20

*For color, add 2 (Red) to end of part number.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

HST Thick Wall Polyolefin Heat Shrink (continued)

Part Number	Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Copper Conductor Size Range		Min. Cable O.D.		Max. Connector O.D.		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm	In.	mm	AWG/MCM	mm²	In.	mm	In.	mm	In.	mm		
HST0.8-6-3	.80	20.3	.26	6.4	.110	2.8	#8 – #1/0 AWG	10 – 50	.240	6.1	.650	16.5	6.00	152.4	3	30
HST0.8-6-X*	.80	20.3	.26	6.4	.110	2.8	#8 – #1/0 AWG	10 – 50	.240	6.1	.650	16.5	6.00	152.4	10	100
HST0.8-9-X*	.80	20.3	.26	6.4	.110	2.8	#8 – #1/0 AWG	10 – 50	.240	6.1	.650	16.5	9.00	228.6	10	100
HST0.8-12-5*	.80	20.3	.26	6.4	.110	2.8	#8 – #1/0 AWG	10 – 50	.240	6.1	.650	16.5	12.00	304.8	5	50
HST0.8-48-5*	.80	20.3	.26	6.4	.110	2.8	#8 – #1/0 AWG	10 – 50	.240	6.1	.650	16.5	48.00	1200.0	5	20
HST1.1-6-3	1.10	27.9	.37	9.4	.120	3.0	#2 – #4/0 AWG	35 – 95	.400	10.1	.875	22.2	6.00	152.4	3	30
HST1.1-6-X*	1.10	27.9	.37	9.4	.120	3.0	#2 – #4/0 AWG	35 – 95	.400	10.1	.875	22.2	6.00	152.4	10	100
HST1.1-9-2	1.10	27.9	.37	9.4	.120	3.0	#2 – #4/0 AWG	35 – 95	.400	10.1	.875	22.2	9.00	228.6	2	20
HST1.1-9-X*	1.10	27.9	.37	9.4	.120	3.0	#2 – #4/0 AWG	35 – 95	.400	10.1	.875	22.2	9.00	228.6	10	100
HST1.1-12-5.*	1.10	27.9	.37	9.4	.120	3.0	#2 – #4/0 AWG	35 – 95	.400	10.1	.875	22.2	12.00	304.8	5	50
HST1.1-48-5*	1.10	27.9	.37	9.4	.120	3.0	#2 – #4/0 AWG	35 – 95	.400	10.1	.875	22.2	48.00	1200.0	5	20
HST1.5-9-X	1.50	38.1	.50	12.7	.170	4.3	#3/0 – #400 MCM	95 – 185	.600	15.2	1.190	30.2	9.00	228.6	10	100
HST1.5-12-1	1.50	38.1	.50	12.7	.170	4.3	#3/0 – #400 MCM	95 – 185	.600	15.2	1.190	30.2	12.00	304.8	1	10
HST1.5-12-5	1.50	38.1	.50	12.7	.170	4.3	#3/0 – #400 MCM	95 – 185	.600	15.2	1.190	30.2	12.00	304.8	5	50
HST1.5-48-5	1.50	38.1	.50	12.7	.170	4.3	#250 – #750 MCM	240 – 500	.600	15.2	1.190	30.2	48.00	1200.0	5	15
HST2.0-9-5	2.00	50.8	.67	16.9	.170	4.3	#250 – #750 MCM	240 – 500	.750	19.1	1.600	40.6	9.00	228.6	5	50
HST2.0-12-2	2.00	50.8	.67	16.9	.170	4.3	#250 – #750 MCM	240 – 500	.750	19.1	1.600	40.6	12.00	304.8	2	20
HST2.0-48-2	2.00	50.8	.67	16.9	.170	4.3	#600 – #1250 MCM	300 – 625	.75	19.1	1.600	40.6	48.00	1200.0	2	8
HST3.0-12-2	3.00	76.2	1.00	25.4	.170	4.3	#600 – #1250 MCM	300 – 625	1.200	30.5	2.250	57.2	12.00	304.8	2	20
HST3.0-48-2	3.00	76.2	1.00	25.4	.170	4.3	#600 – #1250 MCM	300 – 625	1.20	30.5	2.250	57.2	48.00	1200.0	2	8

*For color, add 2 (Red) to end of part number.

Heat Shrink End Caps

- Applications include insulating, protecting, and color coding wires and cables
- Adhesive lined inner wall seals and provides excellent protection against moisture
- Voltage rating of 600V
- Shrink ratio: 3:1
- Temperature range: -67°F to 230°F (-55°C to 110°C)
- For wet locations
- Material: Adhesive lined black cross-linked Polyolefin

Part Number	Min. Expanded I.D.		Max. Recovered I.D.		Nominal Recovered Wall Thickness		Copper Conductor Size Range	Cap Length		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm.	In.	mm		In.	mm		
HSEC0.5-X	.47	11.9	.18	4.6	.100	2.5	#8 – #4 AWG	1.4	35.1	10	100
HSEC0.8-X	.79	20.1	.30	7.6	.100	2.5	#4 – #3/0 AWG	2.1	54.1	10	100
HSEC1.0-X	1.02	25.9	.45	11.4	.100	2.5	#2 – #4/0 AWG	3.2	82.0	10	100
HSEC1.5-5	1.58	40.1	.68	17.3	.110	2.8	#250 – #500 MCM	3.8	98.0	5	50
HSEC2.0-5	2.25	57.2	.87	22.1	.150	3.8	#600 – #1000 MCM	5.5	140.2	5	50
HSEC4.0-2	4.14	105.2	1.78	45.2	.150	3.8	#1500 – #2000 MCM	6.9	175.3	2	10
HSECFR0.5-X	.51	13.0	.16	4.1	.090	2.4	#8 – #6 AWG	3.00	76.2	10	100
HSECFR0.8-X	.75	19.0	.24	6.1	.090	2.4	#6 – #2 AWG	3.50	88.9	10	100
HSECFR1.0-X	1.10	27.9	.35	8.9	.120	3.0	#1 – #3/0 MCM	4.00	101.6	10	100
HSECFR1.5-5	1.50	38.1	.47	11.9	.160	4.1	#2/0 – #350 MCM	4.50	114.3	5	50
HSECFR2.0-5	2.00	50.8	.63	16.0	.160	4.1	#250 – #500 MCM	4.50	114.3	5	50

Plastic Heat Shrink Tubing Kit Boxes

Part Number	Contents	Std. Pkg. Qty.
KP-HSTT1	35 ea. of 3/32",1/8" 21 ea. of 3/16",1/4" 7 ea. of 3/8",1/2"	1
KP-HSTT2	35 ea (5 ea. color) 3/32",1/8" 21 ea (3 ea. color) 3/16",1/4" 7 ea (1 ea. color) 3/8", 1/2"	1
KP-HSTTA	14 ea. 3/16" 12 ea. 1/4" 10 ea. 3/8" 6 ea. 1/2" 3 ea. 3/4" 2 ea. 1"	1

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Heat Shrink Tools and Accessories

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
HSG-115V-650	Heat gun with temperature range of 650°F (344°C) to 900°F (482°C).	1	—
HSG-A1	Shrink tube reflector for tubing up to 3/4" inside diameter. Directs heat around tubing to reduce shrink time.	1	10
HSG-A2	Shrink tube reflector for tubing up to 1-1/2" inside diameter. Directs heat around tubing to reduce shrink time.	1	10
HSG-A3	Shrink tube concentrator. Directs heat toward tubing and away from heat sensitive items.	1	10
HSG-A4	Black polyethylene case stores heat gun, stand and all three accessories.	1	—
HSG-P1	Replacement Brush/Spring Kit.	1	5
HSG-P2	Replacement Switch 20 AMP.	1	5
HSG-P3	Replacement Bearing Kit.	1	5
HSG-P7	Replacement Heat Element 650°F.	1	—

Heat Shrink Installation Instructions

General Instructions

Position heat shrink over the object to be covered. Using a heat gun, soft yellow flame torch, infrared heat source or oven, evenly heat the tubing until it has fully recovered and conforms to the object. Use caution not to char or burn the tubing.

Special Instructions for HSTTT

TFE Heat Shrink is the most difficult to recover due to its high shrink temperature. TFE shrink tubing must be heated to the gel state 621°F (327°C) to completely recover. This can be recognized when the tubing changes from milky white to clear. Because of the unique characteristics of this material, a controlled temperature oven will achieve the most reliable results – it is difficult to consistently recover this product using a high-temp heat gun or similar heat source. These methods have a tendency to overheat the tube in one area while other areas remain cool.

When recovering onto objects, use a temperature controlled oven set at 660 – 680°F (349 – 360°C) for approximately 10 minutes is recommended. It is best to place the product on a fiberglass mat or suspend as opposed to contacting the oven rack. Do NOT heat the product above 700°F (371°C), or degradation damage to the TFE polymer will occur.

Size Selection for Heat Shrink Tubing

Generally, the largest tube that shrinks down tightly onto an object should be chosen. This allows the heat shrink tubing maximum stress relief and this will yield the longest service life.

Example:

A multi-conductor cable needs to be covered with HSTT Type *DRY-SHRINK*™ Heat Shrink. The area to be covered has a measured outside diameter of .700" (17.8mm). The two possibilities are HSTT75-48-5 and HSTT100-48-5.

Part Number	Expanded I.D in. (mm)	Recovered I.D. in (mm)
HSTT75-48-5	.750 (19.0)	.375 (9.5)
HSTT100-48-5	1.00 (25.4)	.500 (12.7)

The proper choice is HSTT100-48-5 since the tube will recover more than HSTT75-48-5. The HSTT75-48-5 will fit over the .700" (17.8mm) outside diameter; however, this is not the proper choice since it is smaller than the HSTT100-48-5. In general, heat shrink should recover at least 10-20% to reduce stress and yield the longest service life.

Recommended Tubing Size for Common Wire Types Based on Location

For Insulated Wire, Non-Insulated Wire and Insulated Wire with Copper Connectors

Instructions for Tube Selection:

1) Determine location type.

LOCATION:

DRY – IP62: A location not normally subject to dampness or wetness. A location classified as dry may be temporarily subject to dampness or wetness, as in the case of a building under construction.

DAMP – IP66: Partially protected locations under canopies, marquees, roofed open porches, and like locations, and interior locations subject to moderate degrees of moisture, such as some basements, some barns and some cold-storage warehouses.

WET – IP68: Installations underground or in concrete slabs or masonry in direct contact with the earth, and locations subject to saturation with water or other liquids, such as vehicle washing areas, and locations exposed to weather and unprotected.

2) Match wire size to location type under required application – insulated wire, non-insulated wire, or insulated wire with copper connectors.

3) Read corresponding part number.

4) Part numbers with "-Y" are packages containing 6" pieces. Part numbers with "-48" are 48" pieces.

5) Part numbers shown below are for black heat shrink.

Wire Size	Insulated Wire			Uninsulated Wire			Insulated Wire with Copper Connector		
	DRY-SHRINK™	DAMP-SHRINK™	WET-SHRINK™	DRY-SHRINK™	DAMP-SHRINK™	WET-SHRINK™	DRY-SHRINK™	DAMP-SHRINK™	WET-SHRINK™
24	HSTT12-Y	HSTTA19-Y	—	—	—	—	HSTT12-Y	—	—
22	HSTT12-Y	HSTTA19-Y	—	—	—	—	HSTT12-Y	—	—
20	HSTT12-Y	HSTTA19-Y	—	HSTT06-Y	—	—	HSTT19-Y	HSTTA19-Y	—
18	HSTT19-Y	HSTTA19-Y	—	HSTT06-Y	—	—	HSTT19-Y	HSTTA19-Y	—
16	HSTT19-Y	HSTTA25-Y	—	HSTT06-Y	—	—	HSTT19-Y	HSTTA25-Y	—
14	HSTT19-Y	HSTTA25-Y	—	HSTT12-Y	HSTTA19-Y	—	HSTT19-Y	HSTTA25-Y	—
12	HSTT25-Y	HSTTA38-Y	HST0.4-48-5	HSTT12-Y	HSTTA19-Y	—	HSTT25-Y	HSTTA38-Y	HST0.4-48-5
10	HSTT25-Y	HSTTA38-Y	HST0.4-48-5	HSTT19-Y	HSTTA25-Y	—	HSTT25-Y	HSTTA38-Y	HST0.4-48-5
8	HSTT38-Y	HSTTA50-Y	HST0.4-48-5	HSTT25-Y	HSTTA25-Y	—	HSTT38-Y	HSTTA50-Y	HST0.4-48-5
6	HSTT50-Y	HSTTA50-Y	HST0.8-48-5	HSTT25-Y	HSTTA38-Y	HST0.4-48-5	HSTT50-Y	HSTTA50-Y	HST0.8-48-5
4	HSTT50-Y	HSTTA75-Y	HST0.8-48-5	HSTT38-Y	HSTTA38-Y	HST0.4-48-5	HSTT50-Y	HSTTA75-Y	HST0.8-48-5
3	HSTT50-Y	HSTTA75-Y	HST0.8-48-5	HSTT38-Y	HSTTA50-Y	HST0.4-48-5	HSTT50-Y	HSTTA75-Y	HST0.8-48-5
2	HSTT75-Y	HSTTA100-Y	HST0.8-48-5	HSTT50-Y	HSTTA50-Y	HST0.8-48-5	HSTT75-Y	HSTTA100-Y	HST0.8-48-5
1	HSTT75-Y	HSTTA100-Y	HST0.8-48-5	HSTT50-Y	HSTTA50-Y	HST0.8-48-5	HSTT75-Y	HSTTA100-Y	HST1.1-48-5
1/0	HSTT75-Y	HSTTA100-Y	HST1.1-48-5	HSTT50-Y	HSTTA75-Y	HST0.8-48-5	HSTT75-Y	HSTTA100-Y	HST1.1-48-5
2/0	HSTT100-Y	HSTTA100-Y	HST1.1-48-5	HSTT50-Y	HSTTA75-Y	HST0.8-48-5	HSTT100-Y	HSTTA100-Y	HST1.1-48-5
3/0	HSTT100-Y	HSTTA150-Y	HST1.1-48-5	HSTT75-Y	HSTTA100-Y	HST0.8-48-5	HSTT100-Y	HSTTA150-Y	HST1.5-48-5
4/0	HSTT100-Y	HSTTA150-Y	HST1.5-48-5	HSTT75-Y	HSTTA100-Y	HST1.1-48-5	HSTT100-Y	HSTTA150-Y	HST1.5-48-5
250	HSTT100-Y	HSTTA150-Y	HST1.5-48-5	HSTT100-Y	HSTTA100-Y	HST1.1-48-5	HSTT100-Y	HSTTA150-Y	HST1.5-48-5
300	HSTT150-48-5	HSTTA150-Y	HST1.5-48-5	HSTT100-Y	HSTTA100-Y	HST1.1-48-5	HSTT100-Y	HSTTA150-Y	HST1.5-48-5
350	HSTT150-48-5	HSTTA150-Y	HST1.5-48-5	HSTT100-Y	HSTTA150-Y	HST1.5-48-5	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2
400	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2	HSTT100-Y	HSTTA150-Y	HST1.5-48-5	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2
500	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2	HSTT100-Y	HSTTA150-Y	HST1.5-48-5	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2
600	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2
700	HSTT200-48-5	HSTTA150-Y	HST2.0-48-2	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2	HSTT200-48-5	—	HST2.0-48-2
750	HSTT200-48-5	HSTTA150-Y	HST3.0-48-2	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2	HSTT200-48-5	—	HST3.0-48-2
800	HSTT200-48-5	—	HST3.0-48-2	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2	HSTT200-48-5	—	HST3.0-48-2
900	HSTT200-48-5	—	HST3.0-48-2	HSTT150-48-5	HSTTA150-Y	HST2.0-48-2	HSTT200-48-5	—	HST3.0-48-2
1000	HSTT200-48-5	—	HST3.0-48-2	HSTT200-48-5	HSTTA150-Y	HST2.0-48-2	HSTT200-48-5	—	HST3.0-48-2
1250	HSTT300-48-2	—	HST3.0-48-2	HSTT200-48-5	HSTTA150-Y	HST2.0-48-2	—	—	HST3.0-48-2
1500	HSTT300-48-2	—	HST3.0-48-2	HSTT200-48-5	—	HST3.0-48-2	—	—	—
1750	HSTT300-48-2	—	HST3.0-48-2	HSTT200-48-5	—	HST3.0-48-2	—	—	—
2000	HSTT300-48-2	—	HST3.0-48-2	HSTT200-48-5	—	HST3.0-48-2	—	—	—

Sizing information is based on the following wire types: MTW, THHN, THWN, TFN, THW, TW, TF, RHW, RH, RHH AND UL1015.
THHN is the most common wire type.

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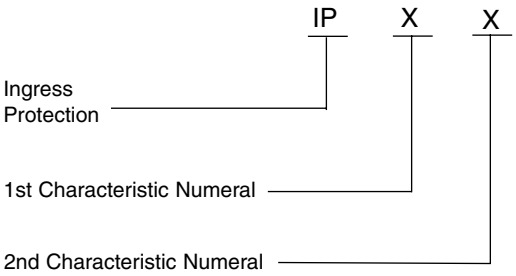
IP (Ingress Protection) as defined by the International Standard IEC 529

The IEC 529 international standard describes a system for classifying the degrees of protection provided by the enclosures of electrical equipment and is a recognized standard around the world. An independent test laboratory has tested *PANDUIT* Heat Shrink Tubing to the IEC 529 standard. The following information exhibits the IP ratings for *PANDUIT* Heat Shrink tubing and how each of the IP ratings relates to the USA.



The first characteristic numeral indicates the level of protection against the ingress of solid foreign objects.

The second characteristic numeral indicates the level of protection against the ingress of water.

1st Characteristic Numeral

	Ingress Protection (IP)	Meaning for Protection
	Against ingress of solid object	
	0	Non-Protected
	1	50mm diameter
	2	12.5mm diameter
	3	2.5mm diameter
	4	1.0mm diameter
	5	Dust Protected
DRY-SHRINK™, *DAMP-SHRINK*™ and *WET-SHRINK*™ Heat Shrink Tubing	6	Dust Tight

2nd Characteristic Numeral

PANDUIT Heat Shrink	Ingress Protection (IP)	Meaning for Protection
	Against ingress of water	
	0	Non-Protected
	1	Vertically Dripping
DRY-SHRINK™ Heat Shrink Tubing	2	Dripping (15° tilted)
	3	Spraying
	4	Splashing
	5	Jetting
DAMP-SHRINK™ Heat Shrink Tubing	6	Powerful Jetting
	7	Temporary Immersion
WET-SHRINK™ Heat Shrink Tubing	8	Continuous Immersion

	Intended Application Location	Ingress Protection Rating	Description
DRY SHRINK HEAT SHRINK	**DRY** Locations not normally subject to moisture	IP62	Protected against the ingress of dust but not protected against the ingress of water
DAMP SHRINK HEAT SHRINK	**DAMP** Locations subjected to moderate degrees of water and moisture	IP66	Protected against the ingress of dust and protected against the ingress of power jet of water
WET SHRINK HEAT SHRINK	**WET** Locations are defined as underground burial or immersion in water	IP68	Protected against the ingress of dust and protected against the ingress of water to a depth of 10 meters

DRY-SHRINK™ Heat Shrink has been tested in accordance with EN 60529 paragraph 13.4 thereby providing *PANDUIT*® *DRY-SHRINK*™ Heat Shrink with an ingress protection rating of IP62.

DAMP-SHRINK™ Heat Shrink has been tested in accordance with EN 60529 paragraph 13.4 and with paragraph 14.2.6 thereby providing *PANDUIT*® *DAMP-SHRINK*™ with an ingress protection rating of IP66.

WET-SHRINK™ Heat Shrink has been tested in accordance with EN 60529 paragraph 13.4, paragraph 14.2.6 and with paragraph 14.2.7 thereby providing *WET-SHRINK*™ Heat Shrink with an ingress protection rating of IP68. *PANDUIT*® *WET-SHRINK*™ Heat Shrink has passed EN 60529 paragraph 14.2.7 at depth of 10 meters.

DRY-SHRINK™, DAMP-SHRINK™ & WET-SHRINK™ Heat Shrink Tubing

Technical Data

General Information

Product Type	Typical Applications	Specific Gravity	Flammability	Water Absorption	Dielectric Strength
HSTT	Economical and easy way to insulate, protect, harness and identify electrical and electronic components in a wide variety of applications. Black is U.V. Resistant.	Class 1, 1.35 Class 2, 1.0 ASTM D792	Class 1 Self Extinguishing Class 2 N/A ASTM D2671 Procedure B	.5% MAX. ASTM D570	500 V/MIL. (19.7 Kv/mm)min. ASTM D2671
HSTTV	Use where UL recognition with VW-1 rating is required. Use where the wire component cannot tolerate higher shrink temperatures, reduces application time to insulate, protect, identify, etc. Black is U.V. Resistant.	1.50 ASTM D792	Self Extinguishing ASTM D2671 Procedure C	.5% MAX. ASTM D570	500 V/MIL. (19.7 Kv/mm)min. ASTM D2671
HSTTVA	Seals and protects components from moisture and corrosion. Use where a flexible tubing is needed. Suitable for damp locations.	N/A	Self Extinguishing ASTM D2671 Procedure B	.5% MAX. ASTM D570	500 V/MIL. (19.7 Kv/mm)min. ASTM D2671
HSTTRA	Environmentally seals and protects components forming a rugged and heavy duty covering. The 2.5:1 shrink ratio is a benefit when working with connector to cable transitions. Suitable for damp locations.	N/A	N/A	.5% MAX. ASTM D570	500 V/MIL. (19.7Kv/mm)min. ASTM D2671
HSTTA	Environmentally seals and protects components. The 3:1 shrink ratio is a benefit when working with connector to cable transitions. Suitable for damp locations.	N/A	Self Extinguishing ASTM D2671 Procedure B	1.0% MAX. ASTM D570	300 V/MIL. (11.8 Kv/mm)min. ASTM D2671
HST	Seals and protects electrical connections and splices above or below ground, 3:1 shrink ratio. Suitable for outdoor and wet locations.	1.2 MAX.	Self Extinguishing ASTM D2671 Procedure C	.5% MAX. ASTM D570	200 V/MIL. (7.9 Kv/mm)min. ASTM D2671
HSTTP	Ripple free conformance around sharp bends as in appliance handles and bus bars. Good cut through and solder-iron resistance. Black is U.V. Resistant.	1.35 MAX.	Self Extinguishing ASTM D876	1.0% MAX. ASTM D570	400 V/MIL. (15.8 Kv/mm)min. ASTM D2671
HSTTN	Insulation and abrasion resistance, extensive military uses on vehicles and ship-board. Excellent chemical resistance especially to fuels and oils. Black is U.V. Resistant.	1.30 ASTM D792	Self Extinguishing ASTM D876	1.0% MAX. ASTM D570	300 V/MIL. (11.8 Kv/mm)min. ASTM D2671
HSTTK	Protection and strain relief for wires or connectors in a high temperature or solvent rich environment. Insulation of heater leads.	1.8 MAX. ASTM D792	Pass MIL-DTL-23053/8B 4.6.15.3	.5% MAX. ASTM D570	Size to (12.7mm) 800 V/MIL. (31.5Kv/mm)min Over (12.7mm) 600 V/MIL. (23.6Kv/mm)min ASTM D2671
HSTTT	High insulation and abrasion resistance. High temperature, strain relief, resists corrosive atmosphere, self lubrication and non-wetting. Can be used with fiber optics and as a strain relief for high density connectors. U.V. Resistant	2.2 MAX. ASTM D792	N/A Non-flammable	.01% MAX. ASTM D570	800 V/MIL. (31.5 Kv/mm)min. ASTM D2671

Part Number System for Corrugated Loom Tubing

CLT – **100** – **N** – **C** – **630**

Type
CLT = Slit Wall
CLTS = Solid Wall

Bundle Diameter
25 = 1/4"
35 = 5/16"
38 = 3/8"
50 = 1/2"
62 = 5/8"
75 = 3/4"
100 = 1"
125 = 1 1/4"
150 = 1 1/2"
188 = 1 7/8"

Material
N = Heat Stabilized Nylon
F = Polyethylene

Package Size
X = 10'
L = 50'
C = 100'
T = 200'
D = 500'

Color Suffix
630 = Heat Stabilized Black Nylon 6
20 = Black Polyethylene
3 = Orange Polyethylene
4 = Yellow Polyethylene

Corrugated Loom Tubing

- Provides protection for cables
- Packaged on a reel for easy handling and dispensing of product
- For indoor use only

Part Number	Material	Color	Length Per Reel		Inside Diameter		Outside Diameter		Temperature Range	Std. Pkg. Qty.
			ft	M	In.	mm	In.	mm		
Slit Wall										
CLT25F-C3	Polyethylene	Orange	100	30.5	.27	6.7	.39	9.9	-40°F to 122°F (-40°C to 50°C)	1
CLT25F-C20	Polyethylene	Black	100	30.5	.27	6.7	.39	9.9		1
CLT38F-C3	Polyethylene	Orange	100	30.5	.41	10.5	.56	14.2		1
CLT38F-C20	Polyethylene	Black	100	30.5	.41	10.5	.56	14.2		1
CLT50F-C3	Polyethylene	Orange	100	30.5	.51	12.8	.67	17.0		1
CLT50F-C20	Polyethylene	Black	100	30.5	.51	12.8	.67	17.0		1
CLT75F-C3	Polyethylene	Orange	100	30.5	.76	19.3	.94	23.8		1
CLT75F-C20	Polyethylene	Black	100	30.5	.76	19.3	.94	23.8		1
CLT100F-C3	Polyethylene	Orange	100	30.5	.92	23.2	1.09	27.7		1
CLT100F-C20	Polyethylene	Black	100	30.5	.92	23.2	1.09	27.7		1
CLT125F-L3	Polyethylene	Orange	50	15.2	1.29	32.8	1.50	38.1		1
CLT125F-L4	Polyethylene	Yellow	50	15.2	1.29	32.8	1.50	38.1		1
CLT125F-L20	Polyethylene	Black	50	15.2	1.29	32.8	1.50	38.1		1
CLT150F-T3	Polyethylene	Orange	200	61.0	1.55	39.1	1.86	47.2		1
CLT150F-T4	Polyethylene	Yellow	200	61.0	1.55	39.1	1.86	47.2		1
CLT150F-T20	Polyethylene	Black	200	61.0	1.55	39.1	1.86	47.2		1
CLT150F-X3	Polyethylene	Orange	10	3.0	1.55	39.1	1.86	47.2		1
CLT150F-X4	Polyethylene	Yellow	10	3.0	1.55	39.1	1.86	47.2		1
CLT150F-X20	Polyethylene	Black	10	3.0	1.55	39.1	1.86	47.2		1
CLT188F-X3	Polyethylene	Orange	10	3.0	1.88	47.8	2.17	55.1		1
CLT188F-X4	Polyethylene	Yellow	10	3.0	1.88	47.8	2.17	55.1		1
CLT188F-X20	Polyethylene	Black	10	3.0	1.88	47.8	2.17	55.1		1

Reel packaging may contain splices.
Contact Customer Service for further information.

Corrugated Loom Tubing (continued)

Part Number	Material	Color	Length Per Reel		Inside Diameter		Outside Diameter		Temperature Range	Std. Pkg. Qty.
			ft	M	In.	mm	In.	mm		
Solid Wall										
CLTS25F-C3	Polyethylene	Orange	100	30.5	.28	7.0	.39	9.9	-40°F to 122°F (-40°C to 50°C)	1
CLTS25F-C	Polyethylene	Black	100	30.5	.28	7.0	.39	9.9		1
CLTS38F-C3	Polyethylene	Orange	100	30.5	.42	10.5	.56	14.1		1
CLTS38F-C	Polyethylene	Black	100	30.5	.42	10.5	.56	14.1		1
CLTS50F-C3	Polyethylene	Orange	100	30.5	.51	12.8	.67	17.0		1
CLTS50F-C	Polyethylene	Black	100	30.5	.51	12.8	.67	17.0		1
CLTS75F-C3	Polyethylene	Orange	100	30.5	.76	19.3	.94	23.8		1
CLTS75F-C	Polyethylene	Black	100	30.5	.76	19.3	.94	23.8		1
CLTS100F-C3	Polyethylene	Orange	100	30.5	.92	23.2	1.09	27.7		1
CLTS100F-C	Polyethylene	Black	100	30.5	.92	23.2	1.09	27.7		1
CLTS125F-L3	Polyethylene	Orange	50	15.2	1.29	32.8	1.50	38.1		1
CLTS125F-L	Polyethylene	Black	50	15.2	1.29	32.8	1.50	38.1		1
CLTS150F-D3	Polyethylene	Orange	500	152.4	1.48	37.6	1.73	43.9		1
Nylon										
CLT25N-C630	Heat Stabilized Nylon 6.6	Black	100	30.5	.27	6.7	.39	9.9	-40°F to 230°F (-40°C to 110°C)	1
CLT35N-C630	Heat Stabilized Nylon 6.6	Black	100	30.5	.35	8.9	.50	12.7		1
CLT38N-C630	Heat Stabilized Nylon 6.6	Black	100	30.5	.41	10.5	.56	14.2		1
CLT50N-C630	Heat Stabilized Nylon 6.6	Black	100	30.5	.51	12.8	.67	17.0		1
CLT62N-C630	Heat Stabilized Nylon 6.6	Black	100	30.5	.67	16.9	.83	21.1		1
CLT75N-C630	Heat Stabilized Nylon 6.6	Black	100	30.5	.76	19.3	.94	23.8		1
CLT100N-C630	Heat Stabilized Nylon 6.6	Black	100	30.5	.92	23.2	1.09	27.7		1
CLT125N-L630	Heat Stabilized Nylon 6.6	Black	50	15.2	1.29	32.8	1.50	38.1		1
CLT150N-D630	Heat Stabilized Nylon 6.6	Black	500	152.4	1.55	39.1	1.86	47.2		1
CLT188N-6C630	Heat Stabilized Nylon 6.6	Black	6,000	183.0	1.88	47.8	2.17	55.1		1

Reel packaging may contain splices.
Contact Customer Service for further information.

Corrugated Loom Tubing Fittings

- Provide a secure way to join CLT at junctions and breakouts while improving the appearance of wire harnesses
- Color: Black
- Material: Polyethylene

Part Number	Branch Diameter		Trunk Diameter		Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm		
CF382538F-Q	.38	9.5	.25	6.35	25	100
CF502550F-Q	.50	12.7	.25	6.34	25	100
CF503850F-Q	.50	12.7	.38	9.5	25	100
CF752575F-Q	.75	19.0	.25	6.4	25	100
CF753875F-Q	.75	19.0	.38	9.5	25	100

Part Number System for Braided Expandable Sleeving

SE	25	PFR	–	M	R	0
Type	**Nominal I.D. Size**	**Material**		**Package Size**	R = Reel	**Color Suffix**
SE = Sleeving Expandable	12 = 1/8" (3.2mm) 25 = 1/4" (6.4mm) 38 = 3/8" (9.5mm) 50 = 1/2" (12.7mm) 75 = 3/4" (19.1mm) 125 = 1 1/4" (31.8mm) 150 = 1 1/2" (38.1mm) 175 = 1 3/4" (44.5mm)	P = Polyethylene Terephthalate (PET) PFR = Polyethylene Terephthalate (PET) Flame Retardant		L = 50' (15.2M) C = 100' (30.5M) T = 200' (61.0M) D = 500' (152.4M) M = 1000' (304.8M)		0 = Black 8 = Gray 10 = White

Braided Expandable Sleeving – Polyethylene Terephthalate

- Provides continuous abrasion protection for wires, cables, hoses, and tubing
- Highly flexible open weave will not trap heat or humidity
- Allows for use with irregular shapes

Part Number	Color	Nominal I.D. In	Nominal I.D. mm	Nominal Diameter Range In	Nominal Diameter Range mm	Length ft	Length M	Std. Pkg. Qty.	Std. Ctn. Qty.
SE12P-TR0	Black	.12	3.2	.094 to .250	2.4 to 6.4	200	61.0	1	4
SE12P-TR8	Gray	.12	3.2	.094 to .250	2.4 to 6.4	200	61.0	1	4
SE12P-MR0	Black	.12	3.2	.094 to .250	2.4 to 6.4	1000	304.8	1	2
SE12P-MR8	Gray	.12	3.2	.094 to .250	2.4 to 6.4	1000	304.8	1	2
SE12P-MR10	White	.12	3.2	.094 to .250	2.4 to 6.4	1000	304.8	1	2
SE25P-TR0	Black	.25	6.4	.125 to .375	3.2 to 9.5	200	61.0	1	4
SE25P-TR8	Gray	.25	6.4	.125 to .375	3.2 to 9.5	200	61.0	1	4
SE25P-MR0	Black	.25	6.4	.125 to .375	3.2 to 9.5	1000	304.8	1	2
SE25P-MR8	Gray	.25	6.4	.125 to .375	3.2 to 9.5	1000	304.8	1	2
SE25P-MR10	White	.25	6.4	.125 to .375	3.2 to 9.5	1000	304.8	1	2
SE38P-TR0	Black	.38	9.5	.188 to .625	4.7 to 15.9	200	61.0	1	4
SE38P-TR8	Gray	.37	9.5	.188 to .625	4.7 to 15.9	200	61.0	1	4
SE38P-MR0	Black	.37	9.5	.188 to .625	4.7 to 15.9	1000	304.8	1	2
SE38P-MR8	Gray	.37	9.5	.188 to .625	4.7 to 15.9	1000	304.8	1	2
SE38P-MR10	White	.37	9.5	.188 to .625	4.7 to 15.9	1000	304.8	1	2
SE50P-CR0	Black	.50	12.7	.250 to .750	6.4 to 19.1	100	30.5	1	4
SE50P-CR8	Gray	.50	12.7	.250 to .750	6.4 to 19.1	100	30.5	1	4
SE50P-DR0	Black	.50	12.7	.250 to .750	6.4 to 19.1	500	500.0	1	2
SE50P-DR8	Gray	.50	12.7	.250 to .750	6.4 to 19.1	500	500.0	1	2
SE50P-DR10	White	.50	12.7	.250 to .750	6.4 to 19.1	500	500.0	1	2
SE75P-CR0	Black	.75	19.1	.500 to 1.25	12.7 to 31.8	100	30.5	1	4
SE75P-CR8	Gray	.75	19.1	.500 to 1.25	12.7 to 31.8	100	30.5	1	4
SE75P-DR0	Black	.75	19.1	.500 to 1.25	12.7 to 31.8	500	500.0	1	2
SE75P-DR8	Gray	.75	19.1	.500 to 1.25	12.7 to 31.8	500	500.0	1	2
SE75P-DR10	White	.75	19.1	.500 to 1.25	12.7 to 31.8	500	500.0	1	2
SE125P-LR0	Black	1.25	31.8	.750 to 1.50	19.1 to 38.1	50	15.2	1	4
SE125P-LR8	Gray	1.25	31.8	.750 to 1.50	19.1 to 38.1	50	15.2	1	4
SE125P-TR0	Black	1.25	31.8	.750 to 1.50	19.1 to 38.1	200	61.0	1	2
SE125P-TR8	Gray	1.25	31.8	.750 to 1.50	19.1 to 38.1	200	61.0	1	2
SE125P-TR10	White	1.25	31.8	.750 to 1.50	19.1 to 38.1	200	61.0	1	2
SE150P-LR0	Black	1.50	38.1	1.00 to 2.25	25.4 to 57.2	50	15.2	1	4
SE150P-LR8	Gray	1.50	38.1	1.00 to 2.25	25.4 to 57.2	50	15.2	1	4
SE150P-TR0	Black	1.50	38.1	1.00 to 2.25	25.4 to 57.2	200	61.0	1	2
SE150P-TR8	Gray	1.50	38.1	1.00 to 2.25	25.4 to 57.2	200	61.0	1	2
SE150P-TR10	White	1.50	38.1	1.00 to 2.25	25.4 to 57.2	200	61.0	1	2
SE175P-TR0	Black	1.75	44.5	1.25 to 2.75	31.8 to 69.8	200	61.0	1	2

Reel packaging may contain splices. Contact Customer Service for further information.

Braided Expandable Sleeving – Flame Retardant Polyethylene Terephthalate

- Provides continuous abrasion protection for wires, cables, hoses, and tubing
- Highly flexible open weave will not trap heat or humidity
- Rated for use up to 257°F (125°C)
- Allows for use with irregular shapes
- Flammability: Meets UL224 VW-1

Part Number	Color	Nominal I.D.		Nominal Diameter Range		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	ft	M		
SE12PFR-TR0	Black	.12	3.2	.094 to .250	2.4 to 6.4	200	61.0	1	4
SE12PFR-MR0	Black	.12	3.2	.094 to .250	2.4 to 6.4	1000	304.8	1	2
SE12PFR-TR8	Gray	.12	3.2	.094 to .250	2.4 to 6.4	200	61.0	1	4
SE12PFR-MR8	Gray	.12	3.2	.094 to .250	2.4 to 6.4	1000	304.8	1	2
SE12PFR-MR10	White	.12	3.2	.094 to .250	2.4 to 6.4	1000	304.8	1	2
SE25PFR-TR0	Black	.25	6.4	.125 to .375	3.2 to 9.5	200	61.0	1	4
SE25PFR-MR0	Black	.25	6.4	.125 to .375	3.2 to 9.5	1000	304.8	1	2
SE25PFR-TR8	Gray	.25	6.4	.125 to .375	3.2 to 9.5	200	61.0	1	4
SE25PFR-MR8	Gray	.25	6.4	.125 to .375	3.2 to 9.5	1000	304.8	1	2
SE25PFR-MR10	White	.25	6.4	.125 to .375	3.2 to 9.5	1000	304.8	1	2
SE38PFR-MR8	Gray	.37	9.5	.188 to .625	4.7 to 15.9	1000	304.8	1	2
SE38PFR-MR10	White	.37	9.5	.188 to .625	4.7 to 15.9	1000	304.8	1	2
SE50PFR-CR0	Black	.50	12.7	.250 to .750	6.4 to 19.1	100	30.5	1	4
SE50PFR-CR8	Gray	.50	12.7	.250 to .750	6.4 to 19.1	100	30.5	1	4
SE50PFR-DR0	Black	.50	12.7	.250 to .750	6.4 to 19.1	500	152.4	1	2
SE50PFR-DR8	Gray	.50	12.7	.250 to .750	6.4 to 19.1	500	152.4	1	2
SE50PFR-DR10	White	.50	12.7	.250 to .750	6.4 to 19.1	500	152.4	1	2
SE75PFR-CR0	Black	.75	19.1	.500 to 1.25	12.7 to 31.8	100	30.5	1	4
SE75PFR-CR8	Gray	.75	19.1	.500 to 1.25	12.7 to 31.8	100	30.5	1	4
SE75PFR-DR0	Black	.75	19.1	.500 to 1.25	12.7 to 31.8	500	152.4	1	2
SE75PFR-DR8	Gray	.75	19.1	.500 to 1.25	12.7 to 31.8	500	152.4	1	2
SE75PFR-DR10	White	.75	19.1	.500 to 1.25	12.7 to 31.8	500	152.4	1	2
SE125PFR-LR0	Black	1.25	31.8	.750 to 1.50	19.1 to 38.1	50	15.2	1	4
SE125PFR-TR0	Black	1.25	31.8	.750 to 1.50	19.1 to 38.1	200	61.0	1	2
SE125PFR-LR8	Gray	1.25	31.8	.750 to 1.50	19.1 to 38.1	50	15.2	1	4
SE125PFR-TR8	Gray	1.25	31.8	.750 to 1.50	19.1 to 38.1	200	61.0	1	2
SE125PFR-TR10	White	1.25	31.8	.750 to 1.50	19.1 to 38.1	200	61.0	1	2
SE150PFR-LR0	Black	1.50	38.1	1.00 to 2.25	25.4 to 57.2	50	15.2	1	4
SE150PFR-LR8	Gray	1.50	38.1	1.00 to 2.25	25.4 to 57.2	50	15.2	1	4
SE150PFR-TR0	Black	1.50	38.1	1.00 to 2.25	25.4 to 57.2	200	61.0	1	2
SE150PFR-TR8	Gray	1.50	38.1	1.00 to 2.25	25.4 to 57.2	200	61.0	1	2
SE150PFR-TR10	White	1.50	38.1	1.00 to 2.25	25.4 to 57.2	200	61.0	1	2
SE175PFR-TR0	Black	1.75	44.5	1.25 to 2.75	31.8 to 69.8	200	61.0	1	2

Reel packaging may contain splices. Contact Customer Service for further information.

Part Number System for Non-Shrink PVC Tubing

TV105 – 12 M

Type

TV105 = PVC Tubing

Nominal Size

1 = 1 AWG
12 = 12 AWG
6 = 6 AWG
.38 = 3/8"
.50 = 1/2"
.75 = 3/4"
1.0 = 1"

Package Quantity

C = 100' (30.5M)
TL = 250' (76.2M)
D = 500' (152.4M)
M = 1000' (304.8M)

Non-Shrink PVC Tubing

- Provides insulation and protection for lead wires, wire harness assemblies, soldered joints, and components in electrical and electronic equipment
- All purpose flexible and non-shrinkable
- Resistant to heat and moisture
- UL Recognized, CSA Certified
- Flammability: Meets UL224 VW-1
- Voltage rating: 300V and 600V
- ASTM D-922 Grade CFR
- MIL-I-631 Type F, Form U, Grade C- Class 1 Category 1
- Material: Polyvinyl chloride (PVC)

Part Number	Color	Nominal Size	Length		Max. Inside Diameter		Wall Thickness		Max. Voltage Rating	Std. Pkg. Qty.	Std. Ctn. Qty.
			ft	M	In.	mm	In.	mm			
TV105-12MY	Clear	12 AWG	1000	304.8	.089	2.26	.016	.41	300V	1	2
TV105-12M20Y	Black	12 AWG	1000	304.8	.089	2.26	.016	.41	300V	1	2
TV105-6MY	Clear	6 AWG	1000	304.8	.178	4.52	.020	.51	300V	1	2
TV105-6M20Y	Black	6 AWG	1000	304.8	.178	4.52	.020	.51	300V	1	2
TV105-1MY	Clear	1 AWG	1000	304.8	.311	7.89	.020	.51	300V	1	—
TV105-1M20Y	Black	1 AWG	1000	304.8	.311	7.89	.020	.51	300V	1	—
TV105-.38DY	Clear	3/8	500	152.4	.399	10.13	.025	.64	600V	1	—
TV105-.38D20Y	Black	3/8	500	152.4	.399	10.13	.025	.64	600V	1	—
TV105-.50D20Y	Black	1/2	500	152.4	.524	13.30	.025	.64	600V	1	—
TV105-.75TLY	Clear	3/4	250	76.2	.786	19.96	.035	.89	600V	1	—
TV105-.75TL20Y	Black	3/4	250	76.2	.786	19.96	.035	.89	600V	1	—
TV105-1.0CY	Clear	1	100	30.5	1.036	26.31	.035	.89	600V	1	2
TV105-1.0C20Y	Black	1	100	30.5	1.036	26.31	.035	.89	600V	1	2

Flammability Tests and Classification

Abrasion Protection Products Flammability Tests and Classifications

- A number of test procedures have been developed which can used for the evaluation and comparison of various materials to support combustion
- Review the following classifications to find which category is designed to suit your abrasion and protection applications

UL94 Vertical Burning Test

Test samples of material, with dimension 125 ± 5mm by 13.0 ± 5mm and provided in the minimum and maximum thickness of the intended end use product, are tested in an unconditioned (as manufactured) state and in a conditioned state (7 days at 168F°, 75°C). The test requires the placement of a precisely controlled flame under a vertically supported specimen for a 10 second period. The flame is removed and the duration of flaming is recorded. If the flame extinguishes, the specimen is immediately subjected to a second 10 second ignition period. Duration of flaming is again recorded. A piece of 100% cotton is placed under the specimen. Also observed and documented is if the sample drips flaming particles that ignite the cotton indicator below.

Materials Classification

Criteria Conditions	V-0	V-1	V-2
Afterflame time for each individual specimen t_1 or t_2	≤10s	≤30s	≤30s
Total afterflame time for any condition set (t_1 plus t_2 for the 5 specimens)	≤50s	≤250s	≤250s
Afterflame plus afterglow time for each individual specimen after the second flame application ($t_2 + t_3$)	≤30s	≤60s	≤60s
Afterflame or afterglow of any specimen up to the holding clamp	No	No	No
Cotton indicator ignited by flaming particles or drops	No	No	Yes

t_1	After flame time after first flame application
t_2	After flame time after flame application
t_3	After glow time after second flame application

MATERIALS CLASSIFIED UL-94 HB

- Specimens shall have a maximum burn rate of <1.5 in./min over 3 inches of thickness of .120" to .5"
- Specimens shall have a maximum burn rate of <30 in./min over 3 inches for a thickness less than .120"

UL224 VERTICAL WIRE FLAME TEST

Samples of fully recovered tubing are placed over a length of fine spring steel music wire. The test requires the precise placement of a controlled flame that contacts the heat shrink tubing. The flame is applied in five fifteen second intervals with a time period between applications. If the flame extinguishes immediately after the first flame removal, subsequent flame applications are made to the tubing. Duration of specimen flaming is noted. A piece of surgical cotton is placed under the specimen. If a flaming or glowing piece of tubing drips and ignites the cotton, this is also noted.

MATERIALS CLASSIFIED AS VW-1 SHALL:

- Not flame or glow longer than 60 seconds following any of the five applications of the flame
- Not ignite or damage more than 25% of kraft paper flag that is placed around the top of the tubing
- Not have any specimens which drip flaming particles and ignite the surgical cotton located 9 1/2 inches below the test specimen

Abrasion Protection Materials Technical Data

		Ratings and Approvals			Physical Properties				Chemical Resistance			
		UL Temperature Index	Flammability (UL94)	Melting Temperature	Abrasion Resistance (Lower number is better)	Specific Gravity (D792)	Minimum Tensile @23°C (psi)	Water Absorption (Max. 24 hrs.)	Organic Solvents	Alkalies	Acids	Petro-Chemicals
SPIRAL WRAP	**Natural Polyethylene** Lowest cost material for indoor use. Natural is available in all sizes.	-40°F (-40°C) to 122°F (50°C)	HB	239°F (115°C)	22 mg	.91-.93	1400 (D368)	.01%	Resistant below 140°F (60°C) except to chlorinated solvents	Resistant	Resistant except to oxidizing acids	Some Discoloration
SPIRAL WRAP	**Weather Resistant Polyethylene** This material has the same properties as natural polyethylene, and also has additives which allow it to resist the effects of ultraviolet light and acid rain in an outdoor environment.	-40°F (-40°C) to 122°F (50°C)	HB	239°F (115°C)	20 mg	.93-1.09	2000 (D368)	.03%	Resistant below 140°F (60°C) except to chlorinated solvents	Resistant	Resistant except to oxidizing acids	No Discoloration
SPIRAL WRAP	**Fire Resistant Polyethylene** UL94-V2 Rating This material is self extinguishing and passes the UL 94 flame retardant test with V2 rating.	-40°F (-40°C) to 122°F (50°C)	V-2	239°F (115°C)	27 mg	1.00-1.30	1400 (D368)	.02%	Resistant below 140°F (60°C) except to chlorinated solvents	Resistant	Resistant except to oxidizing acids	Some Discoloration
SPIRAL WRAP	**Flame Retardant Polyethylene** UL94-V0 Rating. This material is self extinguishing and passes the UL94 flame retardant test with a V0 rating.	-40°F (-40°C) to 194°F (90°C)	V-0	270°F (132°C)	22 mg	1.23-1.37	1500 (D368)	.02%	Resistant except to halogenated hydrocarbons	Resistant	Resistant	Resistant Some Discoloration
SPIRAL WRAP	**Nylon 6.6** Nylon is strong, durable, self-extinguishing material for indoor use up to 149°F. It offers a combination of lightweight, wide temperature range, and high abrasion resistance. This material is suitable for applications where heavy vibration or stress exists on the wiring or tubing.	-40°F (-40°C) to 149°F (65°C)	V-2	505°F (263°C)	7 mg	1.13-1.15	12,400 (D368)	1.2%	Resistant except to halogenated hydrocarbons	Resistant	Not recommended	Resistant No Discoloration
SPIRAL WRAP	**Weather Resistant Nylon** This material has the same properties as natural Nylon and also has additives which allow it to resist the effects of ultraviolet light in an outdoor environment. This product is available in black only.	-40°F (-40°C) to 149°F (65°C)	V-2	505°F (263°C)	7 mg	1.13-1.15	12,000 (D368)	1.2%	Resistant except to halogenated hydrocarbons	Resistant	Not recommended	Resistant No Discoloration
SPIRAL WRAP	**TEFLON‡** This material is a non-flammable, fluorocarbon resin material. Suitable for use in any application (including nuclear containment). It is rated up to 356°F. Color: Opaque to Translucent	-400°F (-240°C) to 500°F (260°C)	V-0	648°F (342°C)	7 mg	2.13-2.22	3000 (D876)	.01%	Resistant	Resistant	Resistant	Resistant No Discoloration
PAN-WRAP™	Natural Polyethylene Lowest cost material for indoor use up to 50°C. Natural is available in all sizes.	-40°F (-40°C) to 122°F (50°C)	HB	115°C	22 mg	.91-.93	1400 (D638)	.01%	Resistant below 60°C except to chorinated solvents	Resistant	Resistant except to oxidizing acids	Some Discoloration
PAN-WRAP™	Flame Retardant Polyethylene UL94-V0 Rating. This material is self extinguishing and passes the UL94 flame retardant test with a V0 rating.	-40°F (-40°C) to 194°F (90°C)	V-0	132*°C	22 mg	1.15	1500 (D638)	.02%	Resistant except to halogenated hydrocarbons	Resistant	Resistant	Resistant Some Discoloration
SLEEVING	**Polyethylene Terephthalate (PET)** This material is a thermoplastic polyester material designed for indoor applications.It is rated for use up to 257°F and will tolerate short-term exposure up to 446°F. Colors: Black, White and Gray	-94°F (-70°C) to 257°F (125°C)	HB	500°F (260°C)	—	1.31	100,000 (D876)	.08%	Resistant to some solvents	Resistant to most weak bases	Resistant	Resistant No Discoloration
SLEEVING	**Flame Ret. Polyethylene** Terephthalate (PET) This material is a self-extinguishing thermoplastic polyester that can be used indoors. It is also rated for use up to 257°F and will tolerate short term exposure up to 446°F. It is provided with tracers to identify the flame retardant material.	-94°F (-70°C) to 257°F (125°C)	UL224 VW-1	608°F (320°C)	—	1.39	100,000 (D876)	.08%	Resistant to some solvents	Resistant to most weak bases	Resistant	Resistant No Discoloration

NOTE: Typical operating temperature ranges are extended based on end use application and specific environment tests.
‡Teflon or equivalent fluorocarbon PTFE is used. Teflon is a registered trademark of E. I. DuPont de Nemours Co.

Abrasion Protection Materials Technical Data (continued)

		Ratings and Approvals			Physical Properties				Chemical Resistance			
		UL Temperature Index	Flammability (UL94)	Melting Temperature	Abrasion Resistance (Lower number is better)	Specific Gravity (D792)	Minimum Tensile @23°C (psi)	Water Absorption (Max. 24 hrs.)	Organic Solvents	Alkalies	Acids	Petro-Chemicals
CLT	**Black Polyethylene** Lowest cost material is for use up to 122°F. Other colors may be available.	-40°F (-40°C) to 122°F (50°C)	HB	—	—	.926-.940	1500 (D638)	—	Resistant except to halogenated hydrocarbons	Resistant	Resistant	Resistant No Discoloration
	Nylon 6 Nylon is a strong, impact modified, heat stabilized, durable high abrasion resistant material.	-40°F (-40°C) to 230°F (110°C)	V-2	410°F (211°C)	—	1.06-1.16	8000 (D638)	1.3%	Resistant except to halogenated hydrocarbons	Resistant	Not recommended	Resistant No Discoloration
PVC	**PVC Non-Shrink Tubing** This material provides insulation and protection for continuous use at temperature -4°F (-20°C) to 221°F(105°C)	-4°F (-20°C) to 221°F (105°C)	UL224 VW-1	—	—	1.35	2500 (D876)	—	Resistant except to aromatic hydrocarbons, ketones and esters	Resistant	Resistant	Resistant No Discoloration
CLT FITTINGS	**Black Polyethylene** Lowest cost material is for use up to 65°F.	—	UL94 HB	—	—	1.04	3,900 (D638)	.02-.03%	Resistant except to halogenated hydrocarbons	Resistant	Resistant except to oxidizing acids	Resistant Some Discoloration
GROMMET EDGING	**Natural Polyethylene** Lowest cost material for indoor use up to 122° F. Natural is available in all sizes.	-40°F (-40°C) to 122°F (50°C)	HB	239°F (115°C)	22 mg	.91-.93	1400 (D638)	—	Resistant below 140°F (60°C) except to chlorinated solvents	Resistant	Resistant except to oxidizing acids	Some Discoloration
	Weather Resistant Polyethylene This material has the same properties as natural polyethylene, and also has additives which allow it to resist the effects of ultraviolet light and acid rain in an outdoor environment. This product is available only.	-40°F (-40°C) to 122°F (50°C)	HB	239°F (115°C)	20 mg	.93-1.09	2000 (D638)	.03%	Resistant below 140°F (60°C) except to chlorinated solvents	Resistant	Resistant except to oxidizing acids	No Discoloration
	Flame Retardant Polyethylene UL94-V0 Rating This material is self extinguishing and passes the UL94 flame retardant test with a V0 rating.	-40°F (-40°C) to 140°F (60°C)	V-0	270°F (132°C)	22 mg	1.23-1.37	1200	.02%	Resistant below 140°F (60°C) except to chlorinated solvents	Resistant	Resistant except to oxidizing acids	Some Discoloration
	Nylon Nylon is strong, durable, self-extinguishing material for indoor use up to 149°F. It offers a combination of lightweight, wide temperature range, and high abrasion resistance. This material is suitable for applications where heavy vibration or stress exists on the wiring or tubing.	-40°F (-40°C) to 149°F (65°C)	V-2	491°F (255°C)	7 mg	1.03-1.15	12,400 (D638)	1.5%	Resistant except to phenols and formic acid	Resistant	Resistant to most weak acids	No Discoloration

NOTE: Typical operating temperature ranges are extended based on end use application and specific environment tests.

Bulk Packaging Part Numbers

The following is an alpha-numeric cross reference of Standard package Wiring Abrasion Protection parts with the corresponding Bulk Packaging part numbers.

Standard Part No.	Bulk Part No.
Corrugated Loom Tubing	
CLT25N-C630	CLT25N-10M630
CLT38F-C20	CLT38F-5M20
CLT38N-C630	CLT38N-5M630
CLT50F-C20	CLT50F-4M20
CLT50N-C630	CLT50N-4M630
CLT62N-C630	CLT62N-2.5M630
CLT75F-C20	CLT75F-2M20
CLT75N-C630	CLT75N-2M630
CLT100F-C20	CLT100F-125M20
CLT100N-630	CLT100N-125M630
CLT125F-L20	CLT125F-.75M20
CLT125N-L630	CLT125N-.75M630
Spiral Wrap	
T12F-C	T12F-D
T12N-C	T12N-D
T19N-C	T19N-M
T25F-C	T25F-M
T25F-C0	T25F-MO
T25FR-C	T25FR-M
T25FR-C20	T25FR-M20

Standard Part No.	Bulk Part No.
T25N-C	T25N-M
T25N-C0	T25N-MO
T25R-C	T25R-M
T25R-C20	T25R-M20
T38F-CO	T38F-TLO
T38FR-C	T38FR-TL
T38N-C	T38N-TL
T38R-C	T38R-TL
T50F-C	T50F-TL
T50F-C0	T50F-TL0
T50F-C4	T50F-TL4
T50FR-C	T50FR-TL
T50N-C	T50N-TL
T50N-C0	T50N-TL0
T50R-C	T50R-TL
T62F-C	T62F-TL
T62F-C0	T62F-TL0
T75F-C	T75F-TL
T75F-C0	T75F-TL0
T75FR-C	T75FR-TL
T75N-C	T75N-TL

Cable Management

PANDUIT offers a complete line of Cable Management products and accessories to route and secure cable. These products are an essential part of a clean, professional installation, which help improve quality and increase system performance.

- **Maintains bend radius control and cable performance while bundling and securing cable to prevent snags and stress from overbending**
- **Provides attractive installations and allows for easier moves, add-ons, and changes while reducing stress on cable**
- **Organizes cable in a variety of applications where depth is critical or space is limited**

PANDUIT solutions provide the options necessary to handle the most demanding installations while providing the flexibility to facilitate system upgrades now and in the future.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

J-PRO™ Cable Support System

- Patent pending design provides complete horizontal and vertical 1" bend radius control that helps prevent degradation of cable performance
- UL 2043 and CAN/ULC S102.2 approved and suitable for use in air handling spaces
- Pre-riveted assemblies allow for attachment to walls, ceilings, beams, threaded rods, drop wires and under floor supports to meet requirements of a variety of applications
- Wide cable support base prevents pinch points that could cause damage to cables
- Cable tie channel allows user to easily install 3/4" *TAK-TY*® Cable Ties to retain cable bundle
- Durable non-metallic J Hook materials provide the ability to manage and support a large number of cables

JP2W-L20

JP2CM-L20

JP2DW-L20

JP2SBC50-L20

JP2SBC50R-L20

JP2HBC25R-L20
JP2HBC50R-L20
JP2HBC75R-L20

Part Number*	Part Description	Max. Bundle Capacity In.	Max. Bundle Capacity mm	Material	Max. Static Load Lbs.	Max. Static Load Kg.	Std. Pkg. Qty.
Wall Mount							
JP2W-L20	J Hook for wall mount applications only. One 1/4" (M6) mounting hole for user supplied screw.	2	50.8	Nylon 6.6	30	13.61	50
Ceiling Mount							
JP2CM-L20	J Hook with ceiling mount bracket that has one 3/16" (M5), 1/4" (M6), and 3/8" (M10) mounting hole.	2	50.8	Nylon 6.6 J Hook with metal attachments	30	13.61	50
Drop Wire and Threaded Rod Clip							
JP2DW-L20	J Hook with clip for use with #12 wire, threaded rod up to 3/8" in diameter, or 1/8" – 3/8" thick flanges.	2	50.8	Nylon 6.6 J Hook with metal attachments	10	4.53	50
Screw-On Beam Clamps							
JP2SBC50-L20	J Hook with screw-on beam clamp for use with flanges up to 1/2" thick.	2	50.8	Nylon 6.6 J Hook with metal attachments	30	13.61	50
JP2SBC50R-L20	J Hook with screw-on beam clamp for use with flanges up to 1/2" thick. Rotates 360 degrees.	2	50.8		30	13.61	50
Hammer-On Beam Clamps							
JP2HBC25R-L20	J Hook with hammer-on beam clamp for use with flanges 1/8" – 1/4" thick. Rotates 360 degrees.	2	50.8	Nylon 6.6 J Hook with metal attachments	30	13.61	50
JP2HBC50R-L20	J Hook with hammer-on beam clamp for use with flanges 5/16" – 1/2" thick. Rotates 360 degrees.	2	50.8		30	13.61	50
JP2HBC75R-L20	J Hook with hammer-on beam clamp for use with flanges 9/16" – 3/4" thick. Rotates 360 degrees.	2	50.8		30	13.61	50

*Suitable for use in air handling spaces and listed in accordance with UL 2043 and CAN/ULC S102.2 when mounted as single units or in pairs. Maximum spacing of 4 ft. (1220mm) required between mount points. (Flame Spread Rating = 0, Smoke Developed Classification = 30)

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

J-PRO™ Cable Support System (continued)

JP2ZP-L20

JP2CP-L20

JP2UF100-L20

Part Number*	Part Description	Max. Bundle Capacity In.	Max. Bundle Capacity mm	Material	Max. Static Load Lbs.	Max. Static Load Kg.	Std. Pkg. Qty.
Purlin Clips							
JP2ZP-L20	J Hook with z-purlin clip for use with angled flanges up to 1/4" thick.	2	50.8	Nylon 6.6 J Hook with metal attachments	30	13.61	50
JP2CP-L20	J Hook with c-purlin clip for use with vertical flanges up to 1/4" thick.	2	50.8		30	13.61	50
Under Floor Pedestal Support Clamp							
JP2UF100-L20	J Hook with under floor pedestal support clamp for use with pedestal support up to 1" in diameter.	2	50.8	Nylon 6.6 J Hook with metal attachments	30	13.61	50

*Suitable for use in air handling spaces and listed in accordance with UL 2043 and CAN/ULC S102.2 when mounted as single units or in pairs. Maximum spacing of 4 ft. (1220mm) required between mount points. (Flame Spread Rating = 0, Smoke Developed Classification = 30)

J-MOD® Cable Support System

- Patent pending design provides complete horizontal and vertical 1" bend radius control that helps prevent degradation of cable performance
- UL 2043 and CAN/ULC S102.2 approved and suitable for use in air handling spaces
- Brackets allow for attachment to ceilings, beams, threaded rods, and drop wires to meet requirements of a variety of applications
- Cables do not come in contact with metal
- Modular patent pending design allows flexibility to assemble system in multiple configurations
- Unique chaining bracket design creates a strong metal backbone and allows expansion of the system without disturbance of an existing installation

JMJH2W-X20

JMJH2-X20

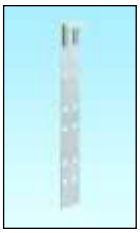
JMCB-X

Part Number	Part Description	Material	Max. Static Load Lbs.	Max. Static Load Kg.	Std. Pkg. Qty.	Std. Ctn. Qty.
J Hook with Maximum 2" Bundle Capacity						
JMJH2W-X20*	J Hook for wall mount applications only. Two 1/4" (M6) mounting holes for user supplied screws.	Nylon 6.6	30	13.61	10	50
JMJH2-X20*	J Hook with snap lock attachments for use with all brackets listed below.	Nylon 6.6	30	13.61	10	50
Chaining Bracket						
JMCB-X	Chaining bracket to extend *J-MOD*® capacity one level. Capacity: three levels maximum. For use with all single-level mounting brackets listed below.	Zinc Plated Steel	120	54.45	10	50

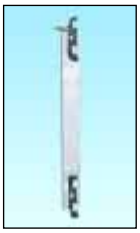
*Suitable for use in air handling spaces and listed in accordance with UL 2043 and CAN/ULC S102.2 when mounted as single units or in pairs. Maximum spacing of 4 ft. (1220mm) required between mount points. (Flame Spread Rating = 0, Smoke Developed Classification = 30)

J-Mod® Cable Support System (continued)

JMCMB25-1-X


JMCMB25-3-X

JMDWB-1-X


JMDWB-3-X

JMTRB38-1-X

JMTRB38-3-X

JMSBCB87-1-X

JMSBCB87-3-X

Part Number	Part Description	Material	Max. Static Load		Std. Pkg. Qty.	Std. Ctn. Qty.
			Lbs.	Kg.		
Ceiling Mount Brackets						
JMCMB25-1-X	Single-level ceiling mount bracket with one 1/4" (M6) mounting hole.	Galvanized Steel	180	81.65	10	50
JMCMB25-3-X**	Three-level ceiling mount bracket with one 1/4" (M6) mounting hole. Maximum capacity of six J Hooks.	Galvanized Steel	180	81.65	10	50
Drop Wire Brackets						
JMDWB-1-X	Single-level drop wire bracket. Attaches to #12 wire or 1/4" plain rod. Maximum capacity of one J Hook per level.	Galvanized Steel with Metal Attachments	20	9.07	10	50
JMDWB-3-X**	Three-level drop wire bracket. Attaches to #12 wire or 1/4" plain rod. Maximum capacity of one J Hook for each of 3 levels.	Galvanized Steel with Metal Attachments	40	18.14	10	50
Threaded Rod Brackets						
JMTRB38-1-X	Single-level threaded rod bracket. Accepts 1/4" – 3/8" threaded rod.	Galvanized Steel with Metal Attachments	180	81.65	10	50
JMTRB38-3-X**	Three-level threaded rod bracket. Accepts 1/4" – 3/8" threaded rod. Maximum capacity of six J Hooks.	Galvanized Steel with Metal Attachments	180	81.65	10	50
Screw-On Beam Clamp Brackets						
JMSBCB87-1-X	Single-level screw-on beam clamp bracket for use with flanges up to 7/8" thick.	Galvanized Steel with Metal Attachments	180	81.65	10	50
JMSBCB87-3-X**	Three-level screw-on beam clamp bracket for use with flanges up to 7/8" thick. Maximum capacity of six J Hooks.	Galvanized Steel with Metal Attachments	180	81.65	10	50

** Not for use with chaining brackets.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Conduit Waterfall

- Helps prevent pinch points and over bending that could cause damage to cable
- Suitable for use in air handling spaces per UL 2043
- Able to manage and support a large capacity of cables
- Easy and fast to install reducing labor cost
- Unique patent pending design allows for use in both new and retrofit applications
- Allows user to install 3/4" *Tak-Ty*® Cable Ties and provides a method to retain and manage the cable bundle
- Material meets UL94V-0 Specifications
- Material: Black Glass-Filled PBT

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
CWF400	Provides bend radius control for cables entering/exiting 4" EMT conduit. Secure to conduit without tools utilizing integral thumb screw and captive nut.	1	10

Waterfall Accessories

- Patented bend radius control product
- Product available as a kit (includes base, two wings and cable ties) or purchased separately
- Easy to install waterfall kit maintains bend radius control in both vertical and horizontal directions to provide a TIA/EIA-568-B compliant installation
- Base attaches to either the rung or stringer on most standard ladder racks for a variety of installations/configurations
- Modular components allow user to custom configure each location where cable management is required
- Material meets UL94V-0 specifications
- Material: Black Glass-Filled Nylon 6.6

CMW-KIT

CMWB

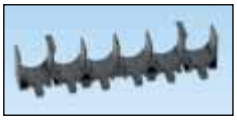
CMWW

Part Number	Part Description	Color*	Std. Pkg. Qty.	Std. Ctn. Qty.
CMW-KIT	Cable management waterfall kit. Provides bend radius control when transferring cables from standard ladder rack. Kit includes CMWB, two CMWW and cable ties.	Black	1	10
CMWB	Cable management waterfall base. Used to maintain 1.75" bend radius control vertically when transferring cable off of ladder rack. Mounts to ladder rack rung or stringer with standard cross section cable ties (included).	Black	1	10
CMWW	Cable management waterfall wing. Used in conjunction with CMWB to maintain 1.00" bend radius control horizontally when transferring cable off ladder rack.	Black	1	10

*For white, include suffix of 10. For example: CMW-KIT10

Stackable Cable Rack Spacers

- Patented ladder rack accessories
- Separate and support cable and prevent pinch points between the bottom row of cable and the rung as a result of the weight of multiple cable layers applied on top of each other
- Mount to ladder rack with standard cross section cable ties
- Maximize rack space by stacking products for maximum cable capacity
- Provide an alternative to lacing cord by allowing user to secure cable to spacer to prevent movement of cable
- Color: Black



CRS6-X

CRS1-X

CRS4-125-X

CRS1-125-X

Part Number	Part Description	Width		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm		
CRS6-X	Six space Stackable Cable Rack Spacer. Accepts cable up to .8" diameter.	5.25	133.4	10	100
CRS1-X	One space Stackable Cable Rack Spacer. Use with CRS6 to fill width of ladder rack. Accepts cable up to .8" diameter.	1.13	28.58	10	100
CRS4-125-X	Four space Stackable Cable Rack Spacer. Accepts cable up to 1.25" diameter.	5.24	133.1	10	100
CRS1-125-X	One space Stackable Cable Rack Spacer. Use with CRS4 to fill width of ladder rack. Accepts cable up to 1.25" diameter.	1.55	39.4	10	100

All product color is black.

Threaded Rod Cover

- Protects cable from abrasion caused by contact with threaded rod
- Material meets UL94V-0 specifications
- Available in 18" lengths
- Accepts 1/2" to 5/8" threaded rod
- For indoor use only
- Material: Gray Polyethylene

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
TRC18FR-X8	Used to protect cabling from threaded rod. Vertical slit allows easy installation.	10	100

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Vertical D-Rings

- Patented cable manager ring
- Standard EIA hole spacing allows product to be mounted to any standard rack
- Flexible material allows arm to rotate so entire cable bundle can be inserted and removed
- 1/4" mounting holes allow for a variety of screws to secure the D-ring to a surface
- Material: Black Polycarbonate

CMVDR1

CMVDR1S

CMVDR2

CMVDR2S

CMVDRC

Part Number	Part Description	Fiber	ScTP	UTP	Std. Pkg. Qty.	Std. Ctn. Qty.
CMVDR1	Vertical D-ring Outside dimensions 5.70"L x 2.00"W	252	48	96	1	10
CMVDR1S	Vertical D-ring Outside dimensions 3.30"L x 2.00"W	132	32	52	1	10
CMVDR2	Vertical D-ring Outside dimensions 5.70"L x 3.00"W	504	96	192	1	10
CMVDR2S	Vertical D-ring Outside dimensions 3.30"L x 3.00"W	252	48	96	1	10
CMVDRC	Center mounted vertical D-ring for routing cables between two adjacent racks. Requires 8.25" spacing between the center lines of the adjacent rack's mounting holes. Outside dimensions 5.60"L x 8.00"W	1000	200	400	1	10

All product color is black.

TAK-TY® Hook & Loop Cable Tie Mounts

- For use with *TAK-TY*® Hook & Loop Cable Ties
- Unique cradle design provides maximum stability for cable bundle
- For indoor use only
- Dimensions are 1.10"L x 1.10"W x .34"H (27.9mm x 27.9mm x 8.6mm)

Part Number	Used With Cable Ties	Material	Color	Max. Static Load		Mounting Method	Std. Pkg. Qty.	Std. Ctn. Qty.
				Lbs.	g			
ABMT-A-C	*TAK-TY*® Hook & Loop Cable Ties	Nylon 6.6	Natural	.38	174	Rubber Adhesive	100	1000
ABMT-A-C20			Black				100	1000
ABMT-S6-C			Natural	—	—	#6 (M3) Screw	100	1000
ABMT-S6-C20			Black				100	1000
ABMT-S6-C60		Glass-Filled Flame Retardant Nylon 6.6	Black				100	1000
ABMT-S6-C69			Natural				100	1000

Flat *PAN-POST*™ Standoffs

- Standard EIA hole spacing allows product to be mounted with user supplied screws up to 1/4" diameter
- Organize cables in standard cabinets and racks
- Mounting method: 1/4" (M6) Screw
- Use where space is limited

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PPF2S-S25-V	Nylon 6.6 Flat *PAN-POST*™ Standoff. Use with miniature, intermediate and standard cross section cable ties. Dimensions 5.4"L x 1.5"H x .2"W (137.2mm x 38.1mm x 5.1mm).	5	100
PPF2S-S25-V69	Flame retardant Nylon 6.6 Flat *PAN-POST*™ Standoff. Use with miniature, intermediate and standard cross section cable ties. Material meets UL94V-0 specifications. Dimensions 5.4"L x 1.5"H x .2"W (137.2mm x 38.1mm x 5.1mm).	5	100
PPF2SV-S25-V	Nylon 6.6 Flat *PAN-POST*™ Standoff. Use with *TAK-TY*® Hook & Loop Cable Ties. Dimensions 5.6"L x 1.6"H x .2"W (144.8mm x 53.3mm x 5.1mm).	5	100
PPF2SV-S25-V69	Flame retardant Nylon 6.6 Flat *PAN-POST*™ Standoff. Use with *TAK-TY*® Hook & Loop Cable Ties. Material meets UL94V-0 specifications. Dimensions 5.6"L x 1.6"H x .2"W (144.8mm x 53.3mm x 5.1mm).	5	100

Communication Cable Management Kit for Cabinets

- Kit of cable management accessories specifically designed for use in a network cabinet or enclosure

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
CCMKIT1	Kit includes the following: 1 Roll (15') .33" *TAK-TY*® Cable Ties 24 Nylon Cable Ties 12 Adhesive Backed Cable Tie Mounts 6 Push Style Cable Tie Mounts 4 Vertical Wire Saddles 8 Flat *PAN-POST*™ Standoffs for use with Std. Nylon Cable Ties	1	100
CCMKIT2	Kit includes the following: 1 Roll (15') .75" *TAK-TY*® Cable Ties 12 Nylon Cable Ties 6 Adhesive Backed Cable Tie Mounts 6 Adhesive Backed Mounts for .75" *TAK-TY*® Cable Ties 6 Screw Mounts for .75" *TAK-TY*® Cable Ties 4 Vertical Wire Saddles 6 Flat *PAN-POST*™ Standoffs for use with .75" *TAK-TY*® Cable Ties	1	100

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TERM® TERMINALS

PANDUIT® *PAN-TERM*® Terminals are designed and manufactured for fast assembly, and reliable performance. *PANDUIT* provides an extensive line of tooling designed specifically to provide optimum performance. As the demand for loose piece terminals increases, it becomes essential to provide a complete system for termination products.

- **Funnel entry available on vinyl and nylon insulated terminals and disconnects, speeds insertion and minimizes turned back wire strands**
- **Made of electrolytic copper to provide an optimum combination of crimp forming and high conductivity properties to provide optimum terminations**
- **Offered in various types including rings, forks, flanged forks, locking forks and short locking forks**
- **Available in sizes from #26 – #2 AWG and stud hole diameters from #2 – 1/2 inch. Non-insulated tubular terminals sizes from #8 – 250 kcmil**
- **Applicable sizes are UL Listed and CSA Certified, as noted**
- **Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost**

PANDUIT continually provides new designs to meet the application challenges encountered by our customers. *PANDUIT* offers a wide assortment of *PAN-TERM*® termination products to meet customer needs at the lowest installed cost.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
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C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
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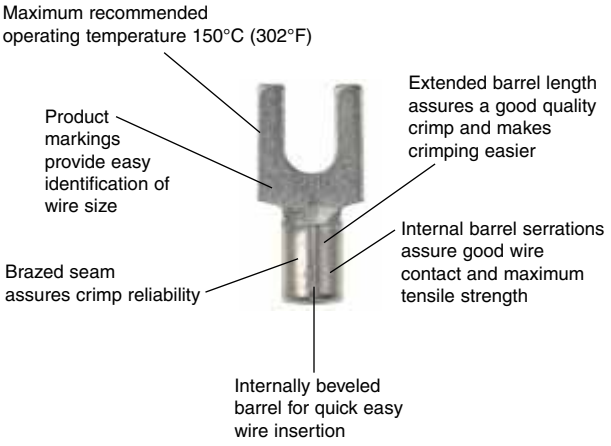
Features and Benefits – *PAN-TERM*® Terminals

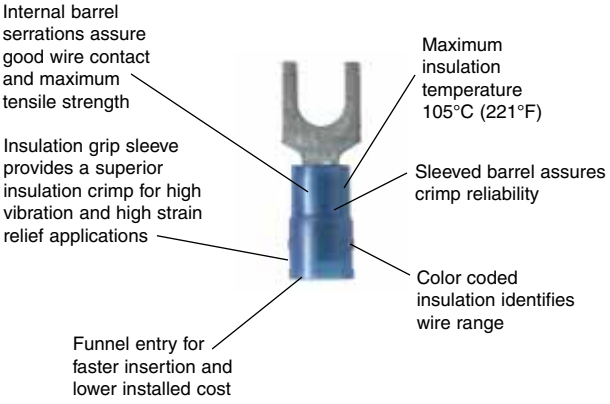
All *PANDUIT* Terminals feature high quality materials made with electrolytic copper for high conductivity and are tin plated for corrosion resistance.

Non-Insulated Terminals
Type P



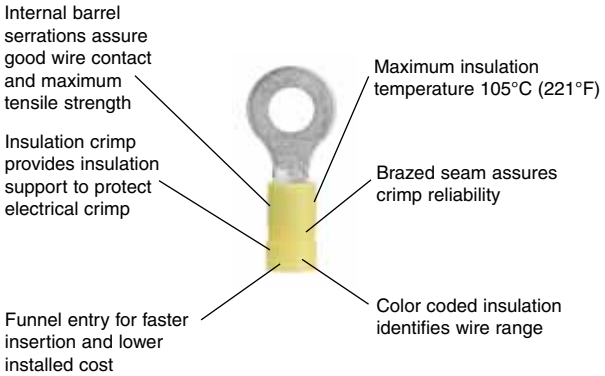
UL and CSA rated up to 2000V per UL486A.
Nickel plated terminals rated up to 343°C (650°F) maximum operating temperature.

Nylon Insulated Terminals With Insulation Grip Sleeve
Type PN or PNF



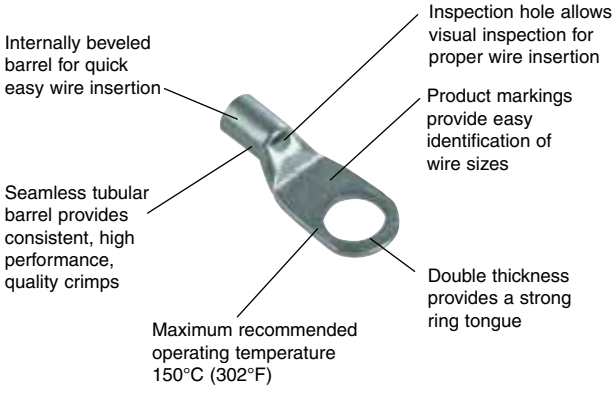
UL and CSA rated up to 600V per UL486.
Flammability – UL94V-2/HB.
Proprietary blend of UL94V-2 and UL94HB flammability rated materials.

Vinyl Insulated Terminals With Insulation Support
Type PV



UL and CSA rated up to 600V per UL486.
Flammability – UL94V-0.

Non-Insulated Seamless Tubular Terminals
Type S



UL and CSA rated up to 2000V per UL486A.

PANDUIT extensive line of tooling is specifically designed for optimum crimping performance.

See pages D1.71 – D1.74.

PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.

See pages E1.1 – E2.30.

Selection Guide – *PAN-TERM*® Ring Terminals

Ring Terminals

Insulation Material	Style	Feature	Type	Page Number
Nylon	Standard Ring	Insulation Grip	PN-R	D1.5
		Funnel Entry	PNF-R	D1.6
		Expanded Insulation	PN-RX	D1.6
		Heavy Duty	PN-HDR	D1.10
	Multiple Stud	Insulation Grip	PN-610R	D1.7
Vinyl	Standard Ring	Insulation Support	PV-R	D1.7
		Expanded Insulation	PV-RX	D1.8
		Heavy Duty	PV-HDR	D1.11
		Large Wire, Insulation Support	PV-R/X	D1.12
		Expanded Insulation, Insulation Support	PV-RX	D1.13
	Multiple Stud	Insulation Support	PV-610R	D1.9
Heat Shrink	Standard Ring	Heat Shrink Insulation	PH-R	D1.10
KYNAR▪ Insulated	Standard Ring	Insulation Grip	PK-R	D1.9
Non-Insulated	Standard Ring	Brazed Seam	P-R	D1.14
		High Temp, Brazed Seam	P-RHT	D1.15
		Heavy Duty	P-HDR	D1.16
		Large Wire	P-R	D1.16
	Multiple Stud	Brazed Seam	P-610R	D1.15
	Tubular Ring	Large Wire, Seamless Barrel	S-R	D1.17

▪KYNAR is a registered trademark of Atofina Chemicals, Inc.

Selection Guide – *PAN-TERM*® Fork Terminals

Fork Terminals

Material	Style	Feature	Type	Page Number
Nylon	Standard Fork	Insulation Grip	PN-F	D1.18
		Funnel Entry	PNF-F	D1.18
	Locking Fork	Insulation Grip	PN-LF	D1.20
		Funnel Entry	PNF-LF	D1.20
	Locking Fork Short	Insulation Grip	PN-SLF	D1.22
		Funnel Entry	PNF-SLF	D1.22
	Flanged Fork	Insulation Grip	PN-FF	D1.23
Vinyl	Standard Fork	Insulation Support	PV-F	D1.19
		Expanded Insulation	PV-FX	D1.19
	Locking Fork	Funnel Entry	PV-LF	D1.21
		Expanded Insulation Ins. Support	PV-LFX	D1.21
	Locking Fork Short	Funnel Entry	PV-SLF	D1.23
	Flanged Fork	Funnel Entry	PV-FF	D1.24
Heat Shrink	Standard Fork	Heat Shrink Insulation	PH-F	D1.26
Non-Insulated	Standard Fork	Brazed Seam	P-F	D1.24
	Flanged Fork	Brazed Seam	P-FF	D1.25
	Locking Fork	Brazed Seam	P-LF	D1.25
	Locking Fork Short	Brazed Seam	P-SLF	D1.26

Part Number System for *PAN-TERM*® Terminals

P	N	14	—	4	R	X	—	C
Type	Insulation	Wire Range		Stud Size	Tongue Configuration	Special Configuration		Std. Pkg. Size

Type
P = *PAN-TERM*® Seamed Barrel
S = *PAN-TERM*® Seamless Tubular Barrel

Insulation
K = KYNAR■ Insulated
N = Nylon Insulated
NF = Nylon Insulated Funnel Entry
V = Vinyl Insulated
= Non-Ins (leave blank)

Wire Range
22 = #26-22
18 = #22-18
14 = #16-14
12 = #16-12
10 = #12-10
8 = #8
6 = #6
4 = #4
2 = #2
1 = #1
1/0 = 1/0
2/0 = 2/0
3/0 = 3/0
4/0 = 4/0
250 = 250kcmil

Stud Size
2 = #2
4 = #4
5 = #5
6 = #6
8 = #8
10 = #10
14 = 1/4"
56 = 5/16"
38 = 3/8"
76 = 7/16"
12 = 1/2"

Tongue Configuration
HDR = Heavy Duty Ring
F = Fork
FF = Flanged Fork
LF = Locking Fork
P = Pin
R = Ring
SLF = Short Locking Fork

Special Configuration
HT6 = High Temperature
N = Narrow Tongue
W = Wide Tongue
X = Expanded Insulation
= Non-Expanded Insulation (leave blank)

Std. Pkg. Size
5 = 5
X = 10
E = 20
Q = 25
L = 50
C = 100
T = 200
D = 500
M = 1000

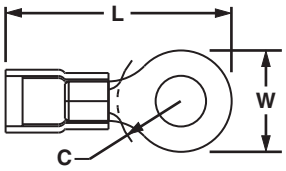
■ KYNAR is a registered trademark of Atofina Chemicals, Inc.

Ring Terminal, Nylon Insulated

UL LISTED CSA CERTIFIED

Type PN-R

- Insulation grip sleeve



Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN22-2R-C*	26-22 AWG	Yellow	.02	.090	#2	.69	.20	.18	CT-100, CT-600, CT-1525	100	1000
PN22-4R-C*			.02	.090	#4	.69	.20	.18		100	1000
PN22-6R-C*			.02	.090	#6	.69	.20	.18		100	1000
PN22-8R-C*			.02	.090	#8	.78	.26	.26		100	1000
PN22-10R-C*			.02	.090	#10	.78	.31	.24		100	1000
PN18-4RN-C	22-18 AWG	Red	.03	.145	#4	.74	.22	.18	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PN18-4R-C			.03	.145	#4	.80	.25	.22		100	500
PN18-6RN-C			.03	.145	#6	.77	.22	.18		100	500
PN18-6R-C			.03	.145	#6	.80	.25	.22		100	500
PN18-8R-C			.03	.145	#8	.86	.31	.25		100	500
PN18-10R-C			.03	.145	#10	.88	.31	.25		100	500
PN18-14R-C			.03	.145	1/4"	1.09	.45	.38		100	500
PN18-56R-C			.03	.145	5/16"	1.09	.46	.38		100	500
PN18-38R-C			.03	.145	3/8"	1.17	.53	.43		100	500
PN18-12R-C			.03	.145	1/2"	1.35	.72	.53		100	500
PN14-4R-C	16-14 AWG	Blue	.03	.162	#4	.78	.25	.20	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PN14-6RN-C			.03	.162	#6	.76	.25	.20		100	500
PN14-6R-C			.03	.162	#6	.85	.31	.25		100	500
PN14-8R-C			.03	.162	#8	.85	.31	.25		100	500
PN14-10R-C			.03	.162	#10	.85	.31	.25		100	500
PN14-14R-C			.03	.162	1/4"	1.05	.46	.38		100	500
PN14-56R-C			.03	.162	5/16"	1.05	.46	.38		100	500
PN14-38R-L			.03	.162	3/8"	1.14	.53	.43		50	500
PN14-12R-L			.03	.162	1/2"	1.35	.72	.53		50	500
PN10-6R-L	12-10 AWG	Yellow	.04	.225	#6	1.06	.37	.31	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PN10-8R-L			.04	.225	#8	1.06	.37	.31		50	500
PN10-10R-L			.04	.225	#10	1.06	.38	.31		50	500
PN10-14R-L			.04	.225	1/4"	1.21	.52	.38		50	500
PN10-56R-L			.04	.225	5/16"	1.21	.52	.38		50	500
PN10-38R-L			.04	.225	3/8"	1.29	.58	.43		50	500
PN10-12R-L			.04	.225	1/2"	1.47	.72	.53		50	500

*Wire sizes #26-22 AWG, are not UL Listed or CSA Certified.

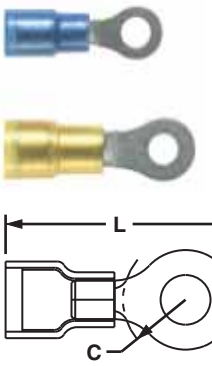
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Ring Terminal, Nylon Insulated – Expanded Insulation

Type PN-RX

- Insulation grip sleeve
- For large wire insulation O.D.



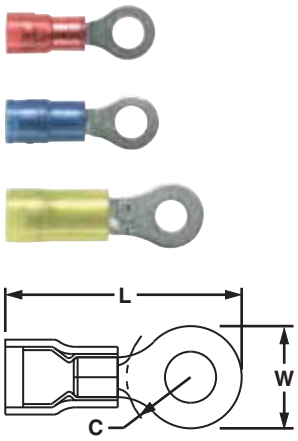
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN14-6RX-C	16-14 AWG	Blue	.03	.200	#6	.93	.31	.25	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PN14-8RX-C			.03	.200	#8	.93	.31	.25		100	500
PN14-10RX-C			.03	.200	#10	.93	.31	.25		100	500
PN14-14RX-C			.03	.200	1/4"	1.13	.46	.38		100	500
PN10-6RX-L	12-10 AWG	Yellow	.04	.265	#6	1.13	.37	.33	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PN10-8RX-L			.04	.265	#8	1.13	.37	.33		50	500
PN10-10RX-L			.04	.265	#10	1.13	.37	.33		50	500
PN10-14RX-L			.04	.265	1/4"	1.27	.52	.42		50	500
PN10-56RX-L			.04	.265	5/16"	1.27	.52	.42		50	500
PN10-38RX-L			.04	.265	3/8"	1.35	.58	.46		50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Ring Terminal, Nylon Insulated – Funnel Entry

Type PNF-R

- Insulation grip sleeve



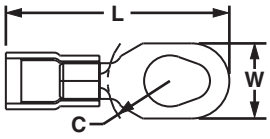
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PNF18-4R-C	22-18 AWG	Red	.03	.136	#4	.77	.25	.20	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PNF18-6RN-C			.03	.136	#6	.76	.22	.18		100	500
PNF18-6R-C			.03	.136	#6	.77	.25	.20		100	500
PNF18-8R-C			.03	.136	#8	.87	.31	.24		100	500
PNF18-10R-C			.03	.136	#10	.87	.32	.25		100	500
PNF18-14R-C			.03	.136	1/4"	1.08	.46	.38		100	500
PNF18-56R-C			.03	.136	5/16"	1.08	.46	.39		100	500
PNF18-38R-C			.03	.136	3/8"	1.16	.53	.41		100	500
PNF14-4R-C	16-14 AWG	Blue	.03	.162	#4	.78	.25	.18	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PNF14-6RN-C			.03	.162	#6	.78	.25	.18		100	500
PNF14-6R-C			.03	.162	#6	.87	.31	.24		100	500
PNF14-8R-C			.03	.162	#8	.87	.31	.25		100	500
PNF14-10R-C			.03	.162	#10	.85	.31	.29		100	500
PNF14-14R-C			.03	.162	1/4"	1.06	.46	.40		100	500
PNF14-56R-C			.03	.162	5/16"	1.06	.46	.40		100	500
PNF14-38R-L			.03	.162	3/8"	1.14	.53	.45		50	500
PNF10-6R-L	12-10 AWG	Yellow	.04	.225	#6	1.06	.37	.31	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PNF10-8R-L			.04	.225	#8	1.06	.37	.31		50	500
PNF10-10R-L			.04	.225	#10	1.06	.37	.31		50	500
PNF10-14R-L			.04	.225	1/4"	1.21	.52	.38		50	500
PNF10-56R-L			.04	.225	5/16"	1.21	.52	.38		50	500
PNF10-38R-L			.04	.225	3/8"	1.29	.58	.43		50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Multiple Stud Terminal, Nylon Insulated

Type PN-610R

- Insulation grip sleeve
- Single terminal for #6, #8 and #10 size studs



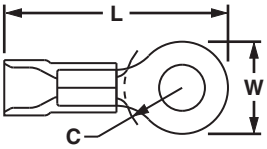
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN18-610R-C	22-18 AWG	Red	.03	.145	#6, #8, #10	.95	.31	.25	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡ CT-400	100	500
PN14-610R-C	16-14 AWG	Blue	.03	.162		.95	.31	.25		100	500
PN10-610R-L	12-10 AWG	Yellow	.04	.225		1.17	.37	.33		50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71 through D1.74.

Ring Terminal, Vinyl Insulated – Funnel Entry

Type PV-R

- Insulation support
- Brazed seam



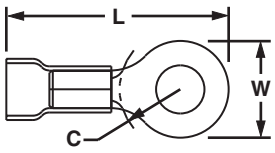
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV22-2R-C*	26-22 AWG	Yellow	.02	.110	#2	.68	.21	.18	CT-100, CT-600, CT-1525	100	1000
PV22-4R-C*			.02	.110	#4	.68	.21	.18		100	1000
PV22-6R-C*			.02	.110	#6	.68	.21	.18		100	1000
PV22-8R-C*			.02	.110	#8	.78	.26	.26		100	1000
PV22-10R-C*			.02	.110	#10	.78	.32	.24		100	1000
PV18-4R-C	22-18 AWG	Red	.03	.150	#4	.84	.25	.22	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV18-6R-C			.03	.150	#6	.86	.25	.22		100	500
PV18-8R-C			.03	.150	#8	.91	.31	.26		100	500
PV18-10R-C			.03	.150	#10	.94	.31	.27		100	500
PV18-14R-C			.03	.150	1/4"	1.11	.46	.37		100	500
PV18-56R-C			.03	.150	5/16"	1.11	.46	.39		100	500
PV18-38R-C			.03	.150	3/8"	1.19	.53	.42		100	500
PV18-12R-C			.03	.150	1/2"	1.42	.72	.53		100	500
PV14-4R-C	16-14 AWG	Blue	.03	.170	#4	.84	.25	.19	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV14-6RN-C			.03	.170	#6	.84	.25	.19		100	500
PV14-6R-C			.03	.170	#6	.92	.31	.25		100	500
PV14-8R-C			.03	.170	#8	.92	.31	.25		100	500
PV14-10R-C			.03	.170	#10	.92	.31	.25		100	500
PV14-14R-C			.03	.170	1/4"	1.12	.46	.38		100	500
PV14-56R-C			.03	.170	5/16"	1.12	.46	.38		100	500
PV14-38R-L			.03	.170	3/8"	1.21	.53	.43		50	500
PV14-12R-L			.03	.170	1/2"	1.42	.72	.53		50	500
PV10-6R-L	12-10 AWG	Yellow	.04	.225	#6	1.05	.31	.31	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PV10-8R-L			.04	.225	#8	1.05	.31	.31		50	500
PV10-10R-L			.04	.225	#10	1.05	.31	.31		50	500
PV10-14R-L			.04	.225	1/4"	1.23	.52	.38		50	500
PV10-56R-L			.04	.225	5/16"	1.23	.52	.38		50	500
PV10-38R-L			.04	.225	3/8"	1.31	.58	.41		50	500
PV10-12R-L			.04	.225	1/2"	1.46	.72	.53		50	500

*Wire sizes #26-22 AWG, are not UL Listed or CSA Certified.
**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Ring Terminal, Vinyl Expanded Insulation

Type PV-RX

- Insulation support
- Brazed seam
- For large wire insulation O.D.



Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-4RX-C	22-18 AWG	Red	.03	.170	#4	.88	.25	.22	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV18-6RX-C			.03	.170	#6	.89	.25	.22		100	500
PV18-8RX-C			.03	.170	#8	.97	.31	.27		100	500
PV18-10RX-C			.03	.170	#10	.96	.31	.27		100	500
PV18-14RX-C			.03	.170	1/4"	1.17	.46	.40		100	500
PV18-56RX-C			.03	.170	5/16"	1.17	.46	.40		100	500
PV18-38RX-C			.03	.170	3/8"	1.25	.53	.45		100	500
PV14-4RX-C	16-14 AWG	Blue	.03	.200	#4	.87	.25	.19	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV14-6RX-C			.03	.200	#6	.96	.31	.25		100	500
PV14-8RX-C			.03	.200	#8	.96	.31	.25		100	500
PV14-10RX-C			.03	.200	#10	.96	.31	.25		100	500
PV14-14RX-C			.03	.200	1/4"	1.16	.46	.37		100	500
PV14-56RX-C			.03	.200	5/16"	1.16	.46	.37		100	500
PV14-38RX-L			.03	.200	3/8"	1.25	.53	.42		50	500
PV10-6RX-L	12-10 AWG	Yellow	.04	.250	#6	1.10	.31	.30	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PV10-8RX-L			.04	.250	#8	1.10	.31	.30		50	500
PV10-10RX-L			.04	.250	#10	1.10	.31	.30		50	500
PV10-14RX-L			.04	.250	1/4"	1.29	.52	.39		50	500
PV10-56RX-L			.04	.250	5/16"	1.29	.52	.42		50	500
PV10-38RX-L			.04	.250	3/8"	1.39	.58	.46		50	500

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Multiple Stud Terminal, Vinyl Insulated – Funnel Entry

Type PV-610R

- Insulation support
- Brazed seam
- Single terminal for #6, #8 and #10 size studs

Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-610R-C	22-18 AWG	Red	.03	.150	#6, #8, #10	1.00	.31	.25	CT-100, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV14-610R-C	16-14 AWG	Blue	.03	.170		1.00	.31	.25		100	500
PV10-610R-L	12-10 AWG	Yellow	.04	.225		1.17	.37	.31		50	500

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Ring Terminal, KYNAR■ Insulated

Type PK-R

- Insulation grip sleeve
- Butted seam with metal sleeve
- For nuclear containment areas and high temperature (to 150°C) applications
- Color code: white with appropriate color stripe

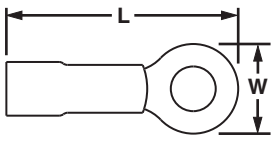
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PK18-4R-C	22-18 AWG	Red Stripe	.03	.145	#4	.81	.25	.22	CT-100, CT-600‡, CT-1550‡, CT-1551‡	100	500
PK18-6R-C			.03	.145	#6	.81	.25	.22		100	500
PK18-8R-C			.03	.145	#8	.90	.31	.29		100	500
PK18-10R-C			.03	.145	#10	.90	.31	.29		100	500
PK18-14R-C			.03	.145	1/4"	1.11	.46	.40		100	500
PK14-4R-C	16-14 AWG	Blue Stripe	.03	.162	#4	.79	.25	.22	CT-100, CT-600‡, CT-1550‡, CT-1551‡	100	500
PK14-6R-C			.03	.162	#6	.88	.31	.29		100	500
PK14-8R-C			.03	.162	#8	.88	.31	.29		100	500
PK14-10R-C			.03	.162	#10	.88	.31	.29		100	500
PK14-14R-C			.03	.162	1/4"	1.09	.46	.40		100	500
PK10-6R-L	12-10 AWG	Yellow Stripe	.04	.225	#6	1.08	.37	.33	CT-100, CT-600‡, CT-1550‡, CT-1551‡	50	500
PK10-8R-L			.04	.225	#8	1.08	.37	.33		50	500
PK10-10R-L			.04	.225	#10	1.08	.37	.33		50	500
PK10-14R-L			.04	.225	1/4"	1.23	.52	.42		50	500

■ KYNAR is a registered trademark of Atofina Chemicals, Inc..
‡UL approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Heat Shrink, Ring Terminal

Type PH-R

- Heat shrink polyolefin with hot melt sealant
- Minimum shrink temperature 300°F (150°C)
- Brazed seam
- Adhesive lined heat shrink
- Heat shrink insulated terminals are both air and water tight



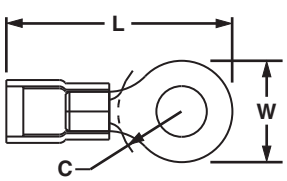
Part Number	Wire Range	Color Code	Max. Ins.	Stud Size	Figure Dimensions (In.) L	Figure Dimensions (In.) W	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
PH18-6R-Q	22-18 AWG	Red	.170	#6	1.05	.25	5/16	CT-310	25	125
PH18-8R-Q			.170	#8	1.08	.31	5/16		25	125
PH18-10R-Q			.170	#10	1.08	.31	5/16		25	125
PH18-14R-Q			.170	1/4"	1.30	.47	5/16		25	125
PH14-6R-Q	16-14 AWG	Blue	.190	#6	1.06	.31	5/16	CT-310	25	125
PH14-8R-Q			.190	#8	1.03	.31	5/16		25	125
PH14-10R-Q			.190	#10	1.12	.31	5/16		25	125
PH14-14R-Q			.190	1/4"	1.24	.46	5/16		25	125
PH14-56R-Q			.190	5/16"	1.27	.46	5/16		25	125
PH14-38R-Q			.190	3/8"	1.26	.53	5/16		25	125
PH10-8R-E	12-10 AWG	Yellow	.240	#8	1.22	.37	5/16	CT-310	20	100
PH10-10R-E			.240	#10	1.20	.37	5/16		20	100
PH10-14R-E			.240	1/4"	1.41	.52	5/16		20	100
PH10-38R-E			.240	3/8"	1.45	.59	5/16		20	100
PH10-12R-E			.240	1/2"	1.54	.72	5/16		20	100

For crimping tool information, see page D1.72.

Ring Terminal, Heavy Duty, Nylon Insulated

Type PN-HDR

- Insulation grip sleeve
- Manufactured from stock 56% thicker than a standard #16-14 AWG terminal
- Designed for use in demanding applications such as industrial equipment and electric utilities
- Expanded insulation for large wire insulation O.D.



Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	Figure Dimensions (In.) W	Figure Dimensions (In.) C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN12-8HDR-L	16-12 AWG	Yellow	.05	.225	#8	1.06	.31	.35	CT-1550‡, CT-1551‡	50	500
PN12-10HDR-L			.05	.225	#10	1.09	.37	.33		50	500
PN12-14HDR-L			.05	.225	1/4"	1.24	.52	.42		50	500
PN12-56HDR-L			.05	.225	5/16"	1.24	.52	.42		50	500
PN12-38HDR-L			.05	.225	3/8"	1.30	.58	.46		50	500

**To order in bulk, replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see page D1.72.

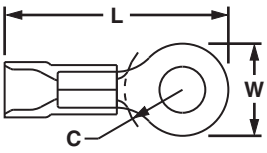
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Ring Terminal, Heavy Duty, Vinyl Insulated – Funnel Entry

Type PV-HDR

- Insulation support
- Brazed seam



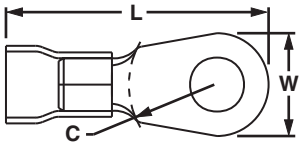
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV12-6HDR-L	16-12 AWG	Yellow	.05	.225	#6	1.05	.31	.35	CT-600‡, CT-1550‡, CT-1551‡	50	500
PV12-8HDR-L			.05	.225	#8	1.05	.31	.35		50	500
PV12-10HDR-L			.05	.225	#10	1.08	.37	.33		50	500
PV12-14HDR-L			.05	.225	1/4"	1.23	.52	.42		50	500
PV12-56HDR-L			.05	.225	5/16"	1.23	.52	.42		50	500
PV12-38HDR-L			.05	.225	3/8"	1.31	.58	.46		50	500
Expanded Insulation*											
PV12-6HDRX-L	16-12 AWG	Yellow	.05	.250	#6	1.05	.31	.35	CT-600‡, CT-1550‡, CT-1551‡	50	500
PV12-8HDRX-L			.05	.250	#8	1.05	.31	.35		50	500
PV12-10HDRX-L			.05	.250	#10	1.08	.37	.33		50	500
PV12-14HDRX-L			.05	.250	1/4"	1.23	.52	.42		50	500
PV12-56HDRX-L			.05	.250	5/16"	1.23	.52	.42		50	500
PV12-38HDRX-L			.05	.250	3/8"	1.31	.58	.46		50	500

*Expanded insulation parts do not have funnel entry.
**To order in bulk, replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.72 and D1.74.

Ring Terminal, Large Wire, Vinyl Insulated

Type PV-R

- Insulation support
- #8 through #2 AWG wire sizes, accommodates heavy duty construction for demanding applications
- Brazed seam



Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV8-8R-Q	8 AWG	Red	.04	.280	#8	1.51	.42	.43	CT-720, CD-720PV8-2‡	25	250
PV8-10R-Q			.04	.280	#10	1.53	.47	.43		25	250
PV8-14R-Q			.04	.280	1/4"	1.53	.47	.43		25	250
PV8-56R-Q			.04	.280	5/16"	1.64	.59	.49		25	250
PV8-38R-Q			.04	.280	3/8"	1.64	.59	.51		25	250
PV8-12R-Q			.04	.280	1/2"	1.74	.82	.54		25	250
PV6-8R-E	6 AWG	Blue	.05	.340	#8	1.61	.47	.43	CT-720, CD-720PV8-2‡	20	200
PV6-10R-E			.05	.340	#10	1.62	.47	.43		20	200
PV6-14R-E			.05	.340	1/4"	1.65	.47	.48		20	200
PV6-56R-E			.05	.340	5/16"	1.74	.62	.53		20	200
PV6-38R-E			.05	.340	3/8"	1.74	.62	.51		20	200
PV6-12R-E			.05	.340	1/2"	1.84	.82	.51		20	200
PV4-10R-E	4 AWG	Yellow	.05	.450	#10	1.88	.55	.50	CT-720, CD-720PV8-2‡	20	200
PV4-14R-E			.05	.450	1/4"	1.88	.55	.50		20	200
PV4-56R-E			.05	.450	5/16"	1.95	.68	.50		20	200
PV4-38R-E			.05	.450	3/8"	1.95	.68	.50		20	200
PV4-12R-E			.05	.450	1/2"	2.04	.86	.50		20	200
PV2-10R-X	2 AWG	Red	.06	.560	#10	1.96	.68	.58	CT-720, CD-720PV8-2‡	10	100
PV2-14R-X			.06	.560	1/4"	1.96	.68	.58		10	100
PV2-56R-X			.06	.560	5/16"	1.96	.68	.58		10	100
PV2-38R-X			.06	.560	3/8"	1.96	.68	.58		10	100
PV2-12R-X			.06	.560	1/2"	2.05	.86	.58		10	100

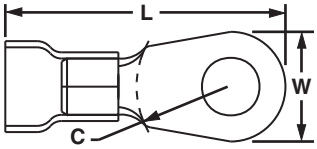
**To order in bulk, replace -Q, -E, or -X in the part number with -T or -TY for a bulk package of 200.
‡UL approved tooling/product combinations. For crimping tool information, see pages D1.74, D1.75, and D2.129.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Ring Terminal, Large Wire, Vinyl Expanded Insulation

Type PV-RX

- Insulation support
- Brazed seam
- For large wire insulation O.D.



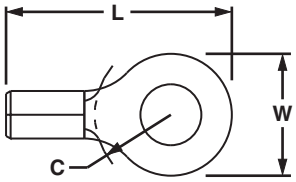
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV8-8RX-Q	8 AWG	Red	.04	.360	#8	1.50	.42	.43	CT-720, CD-720PV8-2‡	25	250
PV8-10RX-Q			.04	.360	#10	1.52	.47	.43		25	250
PV8-14RX-Q			.04	.360	1/4"	1.52	.47	.43		25	250
PV8-56RX-Q			.04	.360	5/16"	1.62	.59	.51		25	250
PV8-38RX-Q			.04	.360	3/8"	1.62	.59	.51		25	250
PV8-12RX-Q			.04	.360	1/2"	1.74	.82	.51		25	250
PV6-8RX-E	6 AWG	Blue	.05	.436	#8	1.61	.47	.43	CT-720, CD-720PV8-2‡	20	200
PV6-10RX-E			.05	.436	#10	1.61	.47	.43		20	200
PV6-14RX-E			.05	.436	1/4"	1.61	.47	.43		20	200
PV6-56RX-E			.05	.436	5/16"	1.73	.62	.51		20	200
PV6-38RX-E			.05	.436	3/8"	1.73	.62	.53		20	200
PV6-12RX-E			.05	.436	1/2"	1.83	.82	.53		20	200
PV4-10RX-E	4 AWG	Yellow	.05	.515	#10	1.87	.55	.53	CT-720, CD-720PV8-2‡	20	200
PV4-14RX-E			.05	.515	1/4"	1.87	.55	.53		20	200
PV4-56RX-E			.05	.515	5/16"	1.94	.68	.53		20	200
PV4-38RX-E			.05	.515	3/8"	1.94	.68	.53		20	200
PV4-12RX-E			.05	.515	1/2"	2.03	.86	.53		20	200
PV2-10RX-X	2 AWG	Red	.06	.610	#10	1.94	.68	.58	CT-720, CD-720PV8-2‡	10	100
PV2-14RX-X			.06	.610	1/4"	1.94	.68	.58		10	100
PV2-56RX-X			.06	.610	5/16"	1.94	.68	.58		10	100
PV2-38RX-X			.06	.610	3/8"	1.94	.69	.58		10	100
PV2-12RX-X			.06	.610	1/2"	2.03	.86	.58		10	100

**To order in bulk, replace -Q, -E, or -X in the part number with -T or -TY for a bulk package of 200.
‡UL approved tooling/product combinations. For crimping tool information, see pages D1.74, D1.75, and D2.129.

Ring Terminal, Non-Insulated

Type P-R

- Brazed seam
- Beveled wire lead-in



Part Number	Wire Range	Stock Thickness	Stud Size	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W	C			
P22-2R-C*	26-22 AWG	.02	#2	.52	.20	.16	CT-100, CT-200	100	1000
P22-4R-C*		.02	#4	.52	.20	.16		100	1000
P22-6R-C*		.02	#6	.52	.20	.16		100	1000
P22-8R-C*		.02	#8	.63	.26	.25		100	1000
P22-10R-C*		.02	#10	.63	.31	.22		100	1000
P18-4R-C	22-18 AWG	.03	#4	.62	.25	.21	CT-100‡, CT-200‡, CT-600‡, CT-1570‡	100	1000
P18-6RN-C		.03	#6	.60	.22	.19		100	1000
P18-6R-C		.03	#6	.62	.25	.21		100	1000
P18-8R-C		.03	#8	.71	.31	.25		100	1000
P18-10R-C		.03	#10	.71	.31	.25		100	1000
P18-14R-C		.03	1/4"	.91	.46	.38		100	1000
P18-56R-C		.03	5/16"	.91	.46	.38		100	1000
P18-38R-C		.03	3/8"	1.0	.53	.43		100	1000
P18-12R-C		.03	1/2"	1.20	.72	.53		100	1000
P14-4R-C	16-14 AWG	.03	#4	.62	.25	.20	CT-100‡, CT-200‡, CT-600‡, CT-1570‡	100	1000
P14-6R-C		.03	#6	.62	.25	.20		100	1000
P14-8R-C		.03	#8	.71	.31	.25		100	1000
P14-10R-C		.03	#10	.71	.31	.25		100	1000
P14-14R-C		.03	1/4"	.91	.46	.38		100	1000
P14-56R-C		.03	5/16"	.91	.46	.38		100	1000
P14-38R-C		.03	3/8"	1.0	.53	.43		100	1000
P14-12R-L		.03	1/2"	1.20	.72	.53		50	500
P10-6R-L	12-10 AWG	.04	#6	.78	.31	.31	CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡	50	500
P10-8R-L		.04	#8	.78	.31	.31		50	500
P10-10R-L		.04	#10	.81	.38	.31		50	500
P10-14R-L		.04	1/4"	.96	.52	.38		50	500
P10-56R-L		.04	5/16"	.95	.52	.38		50	500
P10-38R-L		.04	3/8"	1.05	.58	.44		50	500
P10-12R-L		.04	1/2"	1.20	.72	.53		50	500

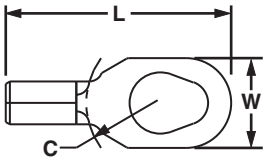
*Wire sizes #26-22 AWG, are not UL Listed or CSA Certified.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Multiple Stud Terminal, Non-Insulated

Type P-610R

- Brazed seam
- Single terminal for #6, #8, and #10 size studs



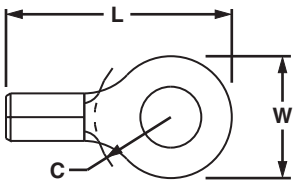
Part Number	Wire Range	Stock Thickness	Stud Size	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W	C			
P18-610R-C	22-18 AWG	.03	#6, #8, #10	.80	.31	.25	CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡	100	500
P14-610R-C	16-14 AWG	.03		.80	.31	.25		100	500
P10-610R-L	12-10 AWG	.04		.90	.37	.31		50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For tooling information, see pages D1.71, D1.72 and D1.74.

Ring Terminal, Non-Insulated – High Temperature

Type P-RHT

- Nickel plated copper
- Brazed seam
- Beveled wire lead-in
- For temperatures up to 650°F (343°C)



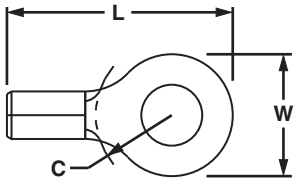
Part Number	Wire Range	Stock Thickness	Stud Size	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W	C			
P18-6RHT6-C	22-18 AWG	.03	#6	.62	.25	.21	CT-100, CT-200, CT-600, CT-1570	100	1000
P18-8RHT6-C		.03	#8	.71	.31	.25		100	1000
P18-10RHT6-C		.03	#10	.71	.31	.25		100	1000
P14-6RHT6-C	16-14 AWG	.03	#6	.62	.25	.20	CT-100, CT-200, CT-600, CT-1570	100	1000
P14-8RHT6-C		.03	#8	.71	.31	.25		100	1000
P14-10RHT6-C		.03	#10	.71	.31	.25		100	1000
P10-6RHT6-L	12-10 AWG	.04	#6	.78	.31	.35	CT-100, CT-200, CT-600, CT-1570, CT-1701	50	500
P10-8RHT6-L		.04	#8	.78	.31	.35		50	500
P10-10RHT6-L		.04	#10	.81	.38	.33		50	500
P10-14RHT6-L		.04	1/4"	.96	.53	.42		50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information, see pages D1.71, D1.72 and D1.74.

Ring Terminal, Heavy Duty Non-Insulated

Type P-HDR

- Brazed seam
- Beveled wire lead-in



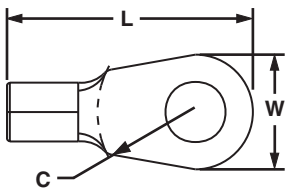
Part Number	Wire Range	Stock Thickness	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P12-6HDR-L	16-12 AWG	.05	#6	.78	.31	.36	CT-100, CT-200, CT-1570‡, CT-1701	50	500
P12-8HDR-L		.05	#8	.78	.31	.36		50	500
P12-10HDR-L		.05	#10	.81	.37	.36		50	500
P12-14HDR-L		.05	1/4"	.96	.52	.43		50	500
P12-56HDR-L		.05	5/16"	.96	.52	.43		50	500
P12-38HDR-L		.05	3/8"	1.04	.58	.48		50	500

**To order in bulk, replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71 and D1.72.

Ring Terminal, Large Wire Non-Insulated

Type P-R

- Brazed seam
- Beveled wire lead-in



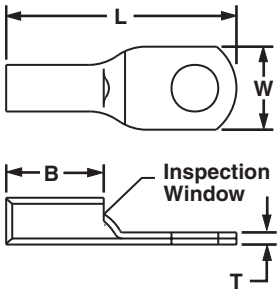
Part Number	Wire Range	Stock Thickness	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P8-8R-Q	8 AWG	.04	#8	1.12	.42	.43	CT-1701‡	25	250
P8-10R-Q		.04	#10	1.14	.47	.43		25	250
P8-14R-Q		.04	1/4"	1.14	.47	.43		25	250
P8-56R-Q		.04	5/16"	1.25	.59	.51		25	250
P8-38R-Q		.04	3/8"	1.25	.59	.51		25	250
P8-12R-Q		.04	1/2"	1.36	.82	.51		25	250
P6-8R-E	6 AWG	.05	#8	1.21	.47	.43	CT-1701‡	20	200
P6-10R-E		.05	#10	1.21	.47	.43		20	200
P6-14R-E		.05	1/4"	1.21	.47	.43		20	200
P6-56R-E		.05	5/16"	1.33	.62	.51		20	200
P6-38R-E		.05	3/8"	1.33	.62	.51		20	200
P6-12R-E		.05	1/2"	1.43	.82	.51		20	200
P4-10R-E	4 AWG	.05	#10	1.40	.55	.50	CT-1701‡	20	200
P4-14R-E		.05	1/4"	1.40	.55	.50		20	200
P4-56R-E		.05	5/16"	1.46	.68	.50		20	200
P4-38R-E		.05	3/8"	1.46	.68	.50		20	200
P4-12R-E		.05	1/2"	1.55	.86	.53		20	200
P2-10R-X	2 AWG	.06	#10	1.46	.68	.58	CT-1701‡	10	100
P2-14R-X		.06	1/4"	1.46	.68	.58		10	100
P2-56R-X		.06	5/16"	1.46	.68	.58		10	100
P2-38R-X		.06	3/8"	1.46	.68	.58		10	100
P2-12R-X*		.06	1/2"	1.55	.86	.58		10	100

*Not CSA Certified.
**To order in bulk, replace -Q, -E, or -X in the part number with -T for a bulk package of 200.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see page D1.72.

Tubular Ring Terminal, Non-Insulated

Type S-R

- Seamless tubular barrel
- Beveled wire lead-in
- Double thick tongue



Part Number	Wire Range	Stud Hole Size	Tongue Width	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
			W	L	B	T			
S8-10R-Q	8 AWG	#10	.41	1.10	.40	.08	CT-1700, CT-720, CT-930, CT-930CH, CT-940CH, CT-2001, CT-2002, CT-2931, CT-2940	25	250
S8-14R-Q		1/4"	.48	1.20	.40	.07		25	250
S8-56R-Q		5/16"	.60	1.30	.40	.05		25	250
S8-38R-Q		3/8"	.60	1.40	.40	.05		25	250
S6-10R-E	6 AWG	#10	.45	1.20	.48	.09		20	200
S6-14R-E		1/4"	.48	1.30	.48	.08		20	200
S6-56R-E		5/16"	.56	1.40	.48	.07		20	200
S6-38R-E		3/8"	.62	1.50	.48	.06		20	200
S4-10R-E	4 AWG	#10	.55	1.20	.48	.09		20	200
S4-14R-E		1/4"	.55	1.30	.48	.09		20	200
S4-56R-E		5/16"	.55	1.40	.48	.09		20	200
S4-38R-E		3/8"	.62	1.50	.48	.07		20	200
S2-10R-X	1-2 AWG	#10	.70	1.60	.59	.11		10	100
S2-14R-X		1/4"	.70	1.60	.59	.11		10	100
S2-56R-X		5/16"	.70	1.70	.59	.11		10	100
S2-38R-X		3/8"	.70	1.70	.59	.11		10	100
S2-12R-X		1/2"	.79	1.90	.59	.09		10	100
S1/0-14R-X	1/0 AWG	1/4"	.76	1.60	.58	.12		10	100
S1/0-56R-X		5/16"	.76	1.70	.58	.12		10	100
S1/0-38R-X		3/8"	.76	1.70	.58	.12		10	100
S1/0-12R-X		1/2"	.82	1.90	.58	.12		10	100
S2/0-14R-X	2/0 AWG	1/4"	.85	1.90	.66	.13		10	100
S2/0-56R-X		5/16"	.85	1.90	.66	.13		10	100
S2/0-38R-X		3/8"	.85	1.90	.66	.13		10	100
S2/0-76R-X		7/16"	.85	2.10	.66	.13		10	100
S2/0-12R-X		1/2"	.85	2.10	.66	.13		10	100
S3/0-14R-5	3/0 AWG	1/4"	.96	2.10	.83	.13		5	50
S3/0-56R-5		5/16"	.96	2.10	.83	.13		5	50
S3/0-38R-5		3/8"	.96	2.10	.83	.13		5	50
S3/0-76R-5		7/16"	.96	2.30	.83	.13		5	50
S3/0-12R-5		1/2"	.96	2.30	.83	.13		5	50
S4/0-56R-5	4/0 AWG	5/16"	1.06	2.30	.91	.14		5	50
S4/0-38R-5		3/8"	1.06	2.30	.91	.14		5	50
S4/0-76R-5		7/16"	1.06	2.50	.91	.14		5	50
S4/0-12R-5		1/2"	1.06	2.50	.91	.14		5	50
S250-56R-5	250 kcmil	5/16"	1.17	2.50	1.01	.14		5	50
S250-38R-5		3/8"	1.17	2.50	1.01	.14		5	50
S250-76R-5		7/16"	1.17	2.60	1.01	.14		5	50
S250-12R-5		1/2"	1.17	2.60	1.01	.14		5	50

**To order in bulk, replace -Q, -E, or -X in the part number with -T for a bulk package of 200 and replace -5 with -C for a bulk package of 100.

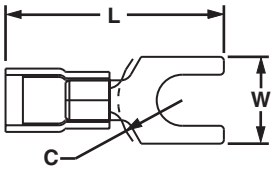
For crimping tool information, see pages D1.72, D1.74, D2.129, D2.131 through D2.138.

Min. Tensile Strength of Tubular Ring Terminals			
#8	#6	#4	#2
90	100	140	180

Fork Terminal, Nylon Insulated

Type PN-F

- Insulation grip sleeve



Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN22-2F-C*	26-22 AWG	Yellow	.02	.090	#2	.66	.20	.19	CT-100, CT-600, CT-1525	100	1000
PN22-4F-C*			.02	.090	#4	.67	.20	.21		100	1000
PN22-6F-C*			.02	.090	#6	.77	.25	.26		100	1000
PN18-6FN-C*	22-18 AWG	Red	.03	.145	#6	.78	.24	.20	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PN18-6F-C			.03	.145	#6	.78	.30	.20		100	500
PN18-8F-C			.03	.145	#8	.85	.32	.23		100	500
PN18-10FN-C*			.03	.145	#10	.86	.31	.25		100	500
PN18-10F-C			.03	.145	#10	.86	.35	.25		100	500
PN18-14F-C			.03	.145	1/4"	1.03	.44	.33		100	500
PN14-6FN-C*	16-14 AWG	Blue	.03	.162	#6	.79	.24	.19	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PN14-6F-C			.03	.162	#6	.79	.28	.19		100	500
PN14-8F-C			.03	.162	#8	.85	.31	.23		100	500
PN14-10FN-C*			.03	.162	#10	.87	.31	.24		100	500
PN14-10F-C			.03	.162	#10	.87	.34	.24		100	500
PN14-14F-C			.03	.162	1/4"	1.02	.44	.32		100	500
PN10-6F-L	12-10 AWG	Yellow	.04	.225	#6	1.00	.31	.22	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PN10-8F-L			.04	.225	#8	1.03	.37	.22		50	500
PN10-10F-L			.04	.225	#10	1.04	.37	.22		50	500
PN10-14F-L			.04	.225	1/4"	1.14	.49	.30		50	500

*Not UL Listed or CSA Certified.

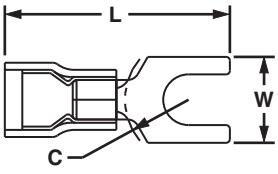
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Fork Terminal, Nylon Insulated – Funnel Entry

Type PNF-F

- Insulation grip sleeve



Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PNF18-6F-C	22-18 AWG	Red	.03	.145	#6	.80	.30	.22	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PNF18-8F-C			.03	.145	#8	.86	.31	.25		100	500
PNF18-10F-C			.03	.145	#10	.87	.34	.26		100	500
PNF18-14F-C			.03	.145	1/4"	1.05	.44	.32		100	500
PNF14-6F-C	16-14 AWG	Blue	.03	.162	#6	.80	.28	.22	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PNF14-8F-C			.03	.162	#8	.85	.31	.25		100	500
PNF14-10F-C			.03	.162	#10	.87	.34	.26		100	500
PNF14-14F-C			.03	.162	1/4"	1.05	.44	.35		100	500
PNF10-6F-L	12-10 AWG	Yellow	.04	.225	#6	1.01	.31	.24	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PNF10-8F-L			.04	.225	#8	1.02	.37	.24		50	500
PNF10-10F-L			.04	.225	#10	1.04	.37	.24		50	500
PNF10-14F-L			.04	.225	1/4"	1.15	.50	.31		50	500

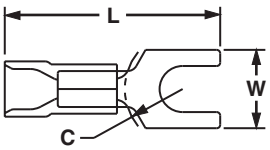
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Fork Terminal, Vinyl Insulated – Funnel Entry

Type PV-F

- Insulation support
- Brazed seam



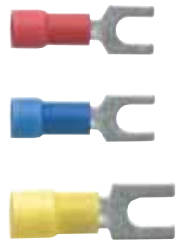
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV22-2F-C*	26-22 AWG	Yellow	.02	.110	#2	.61	.20	.19	CT-100, CT-600, CT-1525	100	1000
PV22-4F-C*			.02	.110	#4	.67	.20	.21		100	1000
PV22-6F-C*			.02	.110	#6	.76	.25	.26		100	1000
PV18-6FN-C*	22-18 AWG	Red	.03	.150	#6	.85	.24	.21	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV18-6F-C			.03	.150	#6	.86	.30	.21		100	500
PV18-8F-C			.03	.150	#8	.93	.32	.25		100	500
PV18-10FN-C*			.03	.150	#10	.93	.31	.25		100	500
PV18-10F-C			.03	.150	#10	.93	.35	.25		100	500
PV14-6FN-C*	16-14 AWG	Blue	.03	.170	#6	.84	.24	.19	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV14-6F-C			.03	.170	#6	.84	.28	.19		100	500
PV14-8F-C			.03	.170	#8	.90	.31	.23		100	500
PV14-10FN-C*			.03	.170	#10	.92	.31	.24		100	500
PV14-10F-C			.03	.170	#10	.92	.34	.24		100	500
PV14-14F-C			.03	.170	1/4"	1.09	.44	.32		100	1000
PV10-6F-L	12-10 AWG	Yellow	.04	.225	#6	1.01	.31	.25	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PV10-8F-L			.04	.225	#8	1.04	.37	.25		50	500
PV10-10F-L			.04	.225	#10	1.04	.37	.25		50	500
PV10-14F-L			.04	.225	1/4"	1.14	.49	.32		50	500

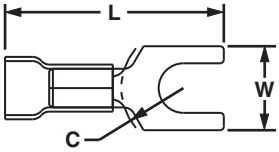
*Not UL Listed or CSA Certified.
**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Fork Terminal, Vinyl Insulated – Expanded Insulation

Type PV-FX

- For large wire insulation O.D.
- Insulation support
- Brazed seam





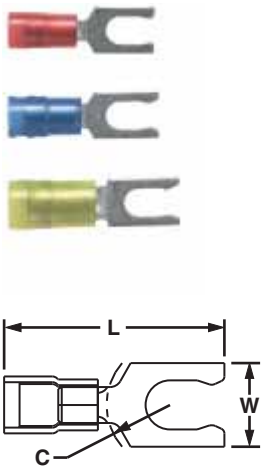
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-6FX-C	22-18 AWG	Red	.03	.170	#6	.83	.30	.21	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV18-8FX-C			.03	.170	#8	.89	.32	.25		100	500
PV18-10FX-C			.03	.170	#10	.91	.35	.25		100	500
PV14-6FX-C	16-14 AWG	Blue	.03	.200	#6	.89	.28	.16	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV14-8FX-C			.03	.200	#8	.96	.31	.20		100	500
PV14-10FX-C			.03	.200	#10	.97	.34	.22		100	500
PV10-8FX-L	12-10 AWG	Yellow	.04	.250	#8	1.11	.37	.24	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PV10-10FX-L			.04	.250	#10	1.11	.37	.24		50	500
PV10-14FX-L			.04	.250	1/4"	1.22	.50	.32		50	500

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Locking Fork Terminal, Nylon Insulated

Type PN-LF

- Insulation grip sleeve



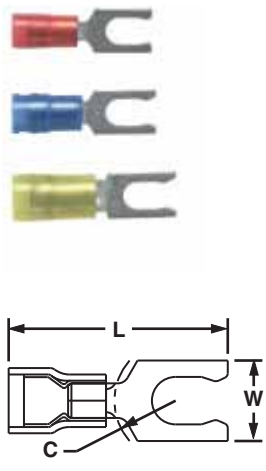
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN18-6LF-C	22-18 AWG	Red	.03	.145	#6	.82	.27	.22	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PN18-6LFW-C			.03	.145	#6	.85	.29	.22		100	500
PN18-8LF-C			.03	.145	#8	.89	.29	.25		100	500
PN18-10LF-C			.03	.145	#10	.89	.33	.25		100	500
PN18-10LFN-C*			.03	.145	#10	.91	.29	.25		100	500
PN14-6LF-C	16-14 AWG	Blue	.03	.162	#6	.86	.25	.22	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PN14-6LFW-C			.03	.162	#6	.84	.29	.22		100	500
PN14-8LF-C			.03	.162	#8	.92	.29	.25		100	500
PN14-10LF-C			.03	.162	#10	.91	.33	.25		100	500
PN14-10LFN-C*			.03	.162	#10	.91	.28	.25		100	500
PN10-6LF-L	12-10 AWG	Yellow	.04	.225	#6	1.02	.30	.23	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PN10-8LF-L			.04	.225	#8	1.05	.30	.23		50	500
PN10-10LF-L			.04	.225	#10	1.05	.34	.23		50	500
PN10-14LF-L			.04	.225	1/4"	1.17	.46	.32		50	500

*Not UL Listed or CSA Certified.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Locking Fork Terminal, Nylon Insulated – Funnel Entry

Type PNF-LF

- Insulation grip sleeve



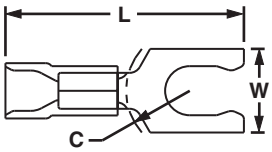
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PNF18-6LF-C	22-18 AWG	Red	.03	.145	#6	.82	.27	.20	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PNF18-6LFW-C			.03	.145	#6	.85	.29	.20		100	500
PNF18-8LF-C			.03	.145	#8	.89	.29	.26		100	500
PNF18-10LF-C			.03	.145	#10	.89	.33	.25		100	500
PNF14-6LF-C	16-14 AWG	Blue	.03	.162	#6	.87	.25	.20	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PNF14-6LFW-C			.03	.162	#6	.84	.29	.20		100	500
PNF14-8LF-C			.03	.162	#8	.93	.29	.25		100	500
PNF14-10LF-C			.03	.162	#10	.93	.33	.25		100	500
PNF10-6LF-L	12-10 AWG	Yellow	.04	.225	#6	1.02	.30	.20	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PNF10-8LF-L			.04	.225	#8	1.05	.30	.20		50	500
PNF10-10LF-L			.04	.225	#10	1.05	.34	.22		50	500
PNF10-14LF-L			.04	.225	1/4"	1.19	.46	.33		50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Locking Fork Terminal, Vinyl Insulated – Funnel Entry

Type PV-LF

- Insulation support
- Brazed seam



Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-6LF-C	22-18 AWG	Red	.03	.150	#6	.90	.27	.22	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV18-6LFW-C			.03	.150	#6	.90	.29	.22		100	500
PV18-8LF-C			.03	.150	#8	.97	.29	.25		100	500
PV18-10LF-C			.03	.150	#10	.97	.33	.25		100	500
PV18-10LFN-C*			.03	.150	#10	.97	.29	.25		100	500
PV14-6LF-C	16-14 AWG	Blue	.03	.170	#6	.90	.25	.22	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV14-6LFW-C			.03	.170	#6	.90	.29	.22		100	500
PV14-8LF-C			.03	.170	#8	.97	.29	.25		100	500
PV14-10LF-C			.03	.170	#10	.97	.33	.25		100	500
PV14-10LFN-C*			.03	.170	#10	.97	.29	.25		100	500
PV10-6LF-L	12-10 AWG	Yellow	.04	.225	#6	1.03	.30	.23	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PV10-8LF-L			.04	.225	#8	1.05	.30	.23		50	500
PV10-10LF-L			.04	.225	#10	1.04	.34	.23		50	500
PV10-14LF-L			.04	.225	1/4"	1.19	.46	.36		50	500

*Not UL Listed or CSA Certified.

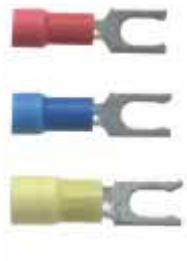
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

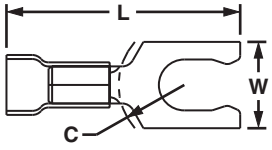
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Locking Fork Terminal, Vinyl Insulated – Expanded Insulation

Type PV-LFX

- Insulation support
- For large wire insulation O.D.
- Brazed seam





Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-6LFX-C	22-18 AWG	Red	.03	.170	#6	.95	.27	.20	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV18-8LFX-C			.03	.170	#8	1.01	.29	.20		100	500
PV18-10LFX-C			.03	.170	#10	1.04	.33	.23		100	500
PV14-6LFX-C	16-14 AWG	Blue	.03	.200	#6	.95	.25	.20	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV14-8LFX-C			.03	.200	#8	1.01	.29	.23		100	500
PV14-10LFX-C			.03	.200	#10	1.01	.33	.23		100	500
PV10-6LFX-L	12-10 AWG	Yellow	.04	.250	#6	1.09	.30	.23	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PV10-8LFX-L			.04	.250	#8	1.12	.30	.23		50	500
PV10-10LFX-L			.04	.250	#10	1.12	.34	.23		50	500
PV10-14LFX-L			.04	.250	1/4"	1.25	.46	.35		50	500

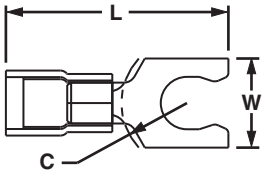
**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Short Locking Fork Terminal, Nylon Insulated

Type PN-SLF

- Insulation grip sleeve



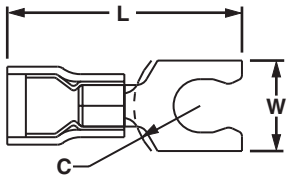
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN18-5SLF-C	22-18 AWG	Red	.03	.145	#5	.75	.26	.19	CT-1550, CT-1551	100	500
PN18-6SLF-C			.03	.145	#6	.75	.27	.19		100	500
PN18-8SLF-C			.03	.145	#8	.80	.29	.23		100	500
PN18-10SLF-C			.03	.145	#10	.81	.33	.23		100	500
PN14-5SLF-C	16-14 AWG	Blue	.03	.162	#5	.75	.25	.19	CT-1550, CT-1551	100	500
PN14-6SLF-C			.03	.162	#6	.75	.25	.19		100	500
PN14-8SLF-C			.03	.162	#8	.80	.29	.23		100	500
PN14-10SLF-C			.03	.162	#10	.81	.33	.23		100	500
PN14-14SLF-C			.03	.162	1/4"	.90	.44	.28		100	500
PN10-5SLF-L	12-10 AWG	Yellow	.04	.225	#5	.86	.25	.22	CT-1550, CT-1551	50	500
PN10-6SLF-L			.04	.225	#6	.86	.25	.22		50	500
PN10-8SLF-L			.04	.225	#8	.92	.29	.26		50	500
PN10-10SLF-L			.04	.225	#10	.92	.33	.26		50	500
PN10-14SLF-L			.04	.225	1/4"	1.01	.45	.33		50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information, see page D1.72.

Short Locking Fork Terminal, Nylon Insulated – Funnel Entry

Type PNF-SLF

- Insulation grip sleeve



Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PNF18-5SLF-C	22-18 AWG	Red	.03	.145	#5	.75	.26	.19	CT-1550, CT-1551	100	500
PNF18-6SLF-C			.03	.145	#6	.75	.27	.19		100	500
PNF18-8SLF-C			.03	.145	#8	.80	.29	.23		100	500
PNF18-10SLF-C			.03	.145	#10	.81	.33	.23		100	500
PNF14-5SLF-C	16-14 AWG	Blue	.03	.162	#5	.75	.25	.19	CT-1550, CT-1551	100	500
PNF14-6SLF-C			.03	.162	#6	.75	.25	.19		100	500
PNF14-8SLF-C			.03	.162	#8	.82	.29	.23		100	500
PNF14-10SLF-C			.03	.162	#10	.81	.33	.23		100	500
PNF14-14SLF-C			.03	.162	1/4"	.91	.44	.28		100	500
PNF10-6SLF-L	12-10 AWG	Yellow	.04	.225	#6	.91	.25	.17	CT-1550, CT-1551	50	500
PNF10-8SLF-L			.04	.225	#8	.92	.29	.22		50	500
PNF10-10SLF-L			.04	.225	#10	.93	.33	.22		50	500
PNF10-14SLF-L			.04	.225	1/4"	1.02	.45	.28		50	500

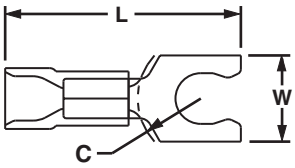
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information, see page D1.72.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Short Locking Fork Terminal, Vinyl Insulated – Funnel Entry

Type PV-SLF

- Insulation support
- Butted seam



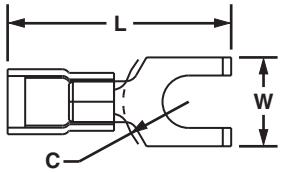
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-5SLF-C*	22-18 AWG	Red	.03	.150	#5	.82	.26	.19	CT-1550, CT-1551	100	1000
PV18-6SLF-C*			.03	.150	#6	.82	.27	.19		100	1000
PV18-8SLF-C*			.03	.150	#8	.87	.29	.23		100	1000
PV18-10SLF-C*			.03	.150	#10	.88	.33	.23		100	1000
PV14-5SLF-C*	16-14 AWG	Blue	.03	.175	#5	.80	.25	.22	CT-1550, CT-1551	100	1000
PV14-6SLF-C*			.03	.175	#6	.80	.25	.22		100	1000
PV14-8SLF-C*			.03	.175	#8	.85	.29	.26		100	1000
PV14-10SLF-C*			.03	.175	#10	.86	.33	.26		100	1000
PV14-14SLF-C*			.03	.175	1/4"	.95	.44	.33		100	1000
PV10-5SLF-L	12-10 AWG	Yellow	.04	.225	#5	.86	.25	.22	CT-1550, CT-1551	50	500
PV10-6SLF-L			.04	.225	#6	.87	.25	.22		50	500
PV10-8SLF-L			.04	.225	#8	.92	.29	.26		50	500
PV10-10SLF-L			.04	.225	#10	.92	.33	.26		50	500
PV10-14SLF-L			.04	.225	1/4"	1.02	.45	.33		50	500

*Not UL Listed or CSA Certified.
**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information, see page D1.72.

Flanged Fork Terminal, Nylon Insulated

Type PN-FF

- Insulation grip sleeve
- For use in vibration applications



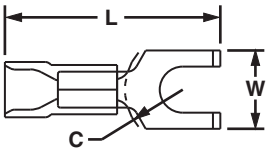
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PN18-6FF-C	22-18 AWG	Red	.03	.136	#6	.81	.28	.20	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PN18-8FF-C			.03	.136	#8	.88	.31	.23		100	500
PN18-10FF-C			.03	.136	#10	.86	.35	.23		100	500
PN14-6FF-C	16-14 AWG	Blue	.03	.162	#6	.79	.28	.20	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PN14-8FF-C			.03	.162	#8	.86	.31	.23		100	500
PN14-10FF-C			.03	.162	#10	.86	.36	.23		100	500
PN10-8FF-L	12-10 AWG	Yellow	.04	.225	#8	1.05	.37	.28	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PN10-10FF-L			.04	.225	#10	1.05	.37	.28		50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Flanged Fork Terminal, Vinyl Insulated – Funnel Entry

Type PV-FF

- Insulation support
- Brazed seam



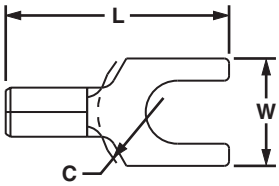
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-6FF-C	22-18 AWG	Red	.03	.150	#6	.87	.28	.19	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV18-8FF-C			.03	.150	#8	.94	.31	.23		100	500
PV18-10FF-C			.03	.150	#10	.93	.35	.23		100	500
PV14-6FF-C	16-14 AWG	Blue	.03	.165	#6	.88	.28	.19	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	100	500
PV14-8FF-C			.03	.165	#8	.94	.31	.23		100	500
PV14-10FF-C			.03	.165	#10	.94	.35	.23		100	500
PV10-8FF-L	12-10 AWG	Yellow	.04	.225	#8	1.03	.37	.22	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500
PV10-10FF-L			.04	.225	#10	1.03	.37	.22		50	500

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Fork Terminal, Non-Insulated

Type P-F

- Brazed seam
- Beveled wire lead-in



Part Number	Wire Range	Stock Thickness	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P22-2F-C*	26-22 AWG	.02	#2	.49	.19	.19	CT-100, CT-200	100	1000
P22-4F-C*		.02	#4	.49	.19	.20		100	1000
P22-6F-C*		.02	#6	.59	.25	.26		100	1000
P18-6FN-C*	22-18 AWG	.03	#6	.63	.24	.19	CT-100‡, CT-200‡, CT-600‡, CT-1570‡	100	1000
P18-6F-C		.03	#6	.63	.30	.21		100	1000
P18-8F-C		.03	#8	.69	.32	.25		100	1000
P18-10FN-C*		.03	#10	.71	.31	.25		100	1000
P18-10F-C		.03	#10	.71	.35	.25		100	1000
P18-14F-C		.03	1/4"	.88	.44	.33		100	1000
P14-6FN-C*	16-14 AWG	.03	#6	.63	.24	.20	CT-100‡, CT-200‡, CT-600‡, CT-1570‡	100	1000
P14-6F-C		.03	#6	.63	.28	.20		100	1000
P14-8F-C		.03	#8	.69	.31	.23		100	1000
P14-10FN-C*		.03	#10	.71	.31	.25		100	1000
P14-10F-C		.03	#10	.71	.34	.25		100	1000
P14-14F-C		.03	1/4"	.88	.44	.33		100	1000
P10-6F-L	12-10 AWG	.04	#6	.75	.31	.22	CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡	50	500
P10-8F-L		.04	#8	.78	.37	.22		50	500
P10-10F-L		.04	#10	.78	.37	.23		50	500
P10-14F-L		.04	1/4"	.89	.50	.30		50	500

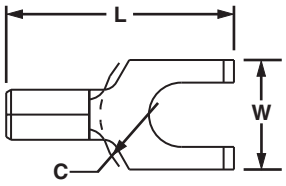
*Not UL Listed or CSA Certified.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Flanged Fork Terminal, Non-Insulated

Type P-FF

- Brazed seam
- Beveled wire lead-in



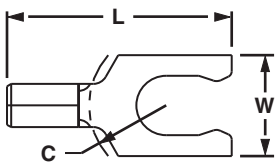
Part Number	Wire Range	Stock Thickness	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P18-8FF-C	22-18 AWG	.03	#8	.72	.31	.25	CT-100‡, CT-200‡, CT-600‡, CT-1570‡	100	500
P14-6FF-C	16-14 AWG	.03	#6	.65	.28	.22		100	500
P14-8FF-C		.03	#8	.72	.31	.25		100	500
P10-10FF-L	12-10 AWG	.04	#10	.80	.38	.28	CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡	50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Locking Fork Terminal, Non-Insulated

Type P-LF

- Brazed seam
- Beveled wire lead-in



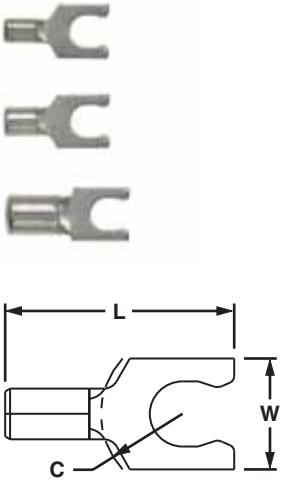
Part Number	Wire Range	Stock Thickness	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P18-6LF-C	22-18 AWG	.03	#6	.68	.27	.22	CT-100‡, CT-200‡, CT-600‡, CT-1570‡	100	500
P18-6LFW-C		.03	#6	.70	.29	.22		100	500
P18-8LF-C		.03	#8	.74	.29	.23		100	500
P18-10LFN-C*		.03	#10	.74	.28	.23		100	500
P18-10LF-C		.03	#10	.74	.33	.23		100	500
P14-6LF-C	16-14 AWG	.03	#6	.70	.25	.22	CT-100‡, CT-200‡, CT-600‡, CT-1570‡	100	500
P14-6LFW-C		.03	#6	.70	.29	.22		100	500
P14-8LF-C		.03	#8	.77	.29	.27		100	500
P14-10LFN-C*		.03	#10	.77	.29	.27		100	500
P14-10LF-C		.03	#10	.77	.33	.27		100	500
P10-6LF-L	12-10 AWG	.04	#6	.77	.30	.23	CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡	50	500
P10-8LF-L		.04	#8	.79	.30	.23		50	500
P10-10LF-L		.04	#10	.79	.34	.23		50	500
P10-14LF-L		.04	1/4"	.92	.46	.33		50	500

*Not UL Listed or CSA Certified.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Short Locking Fork Terminal, Non-Insulated

Type P-SLF

- Butted seam
- Beveled wire lead-in



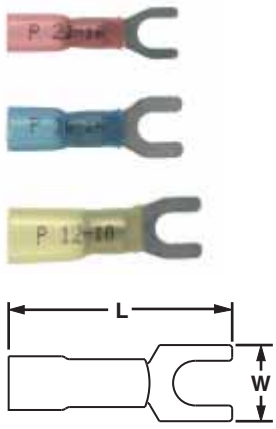
Part Number	Wire Range	Stock Thickness	Stud Size	Figure Dimensions (In.) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P18-6SLF-C	22-18 AWG	.03	#6	.51	.27	.22	CT-100‡, CT-200‡, CT-600‡, CT-1570‡	100	1000
P18-8SLF-C		.03	#8	.56	.29	.25		100	1000
P18-10SLF-C		.03	#10	.57	.33	.25		100	1000
P14-6SLF-C	16-14 AWG	.03	#6	.51	.25	.22	CT-100‡, CT-200‡, CT-600‡, CT-1570‡	100	1000
P14-8SLF-C		.03	#8	.56	.29	.25		100	1000
P14-10SLF-C		.03	#10	.57	.33	.25		100	1000
P14-14SLF-C		.03	1/4"	.66	.44	.35		100	1000
P10-5SLF-L	12-10 AWG	.04	#5	.60	.25	.19	CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡	50	500
P10-8SLF-L		.04	#8	.66	.29	.23		50	500
P10-10SLF-L		.04	#10	.67	.33	.23		50	500
P10-14SLF-L		.04	1/4"	.76	.45	.28		50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Heat Shrink, Fork Terminal

Type PH-F

- Heat shrink polyolefin with hot melt sealant
- Minimum shrink temperature 300°F (150°C)
- Brazed seam
- Adhesive lined heat shrink
- Heat shrink insulated terminals are both air and water tight



Part Number	Wire Range	Color Code	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	Wire Strip Length	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
PH18-6F-Q	22-18 AWG	Red	.170	#6	1.04	.32	5/16	CT-310	25	125
PH18-8F-Q			.170	#8	1.04	.32	5/16		25	125
PH18-10F-Q			.170	#10	1.04	.32	5/16		25	125
PH14-6F-Q	16-14 AWG	Blue	.190	#6	1.07	.38	5/16	CT-310	25	125
PH14-8F-Q			.190	#8	1.07	.38	5/16		25	125
PH14-10F-Q			.190	#10	1.07	.38	5/16		25	125
PH10-8F-E	12-10 AWG	Yellow	.240	#8	1.20	.38	5/16	CT-310	20	100
PH10-10F-E			.240	#10	1.20	.38	5/16		20	100

For crimping tool information, see page D1.72.

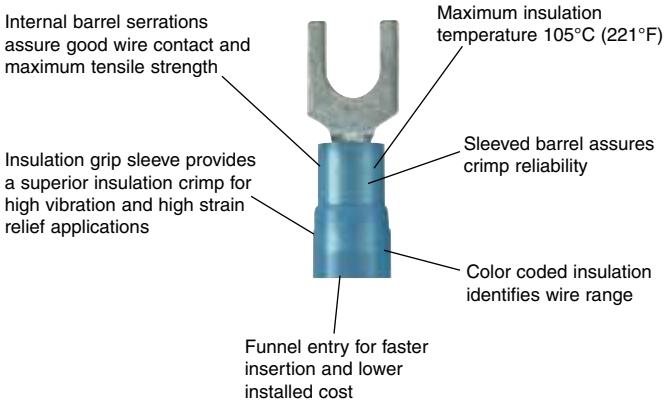
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Features and Benefits – *PAN-TERM*® Metric Terminals

All *PANDUIT* Terminals feature high quality materials made with electrolytic copper for high conductivity and are tin plated for corrosion resistance.

Nylon Insulated Terminals With Insulation Grip Sleeve

Type PMN or PMNF

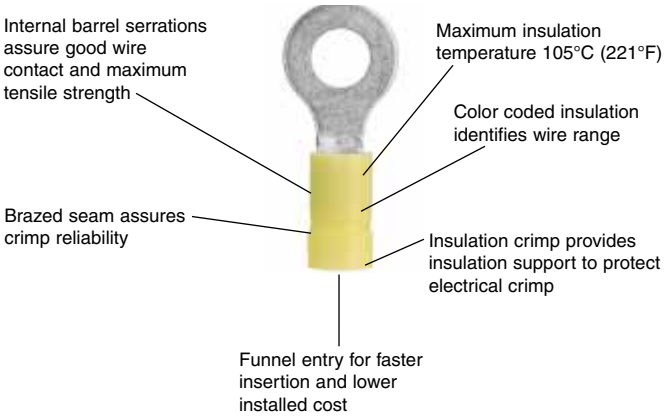


Flammability – UL94V-21HB.

Proprietary blend of UL94V-2 and UL94HB flammability related materials.

Vinyl Insulated Terminals With Insulation Support

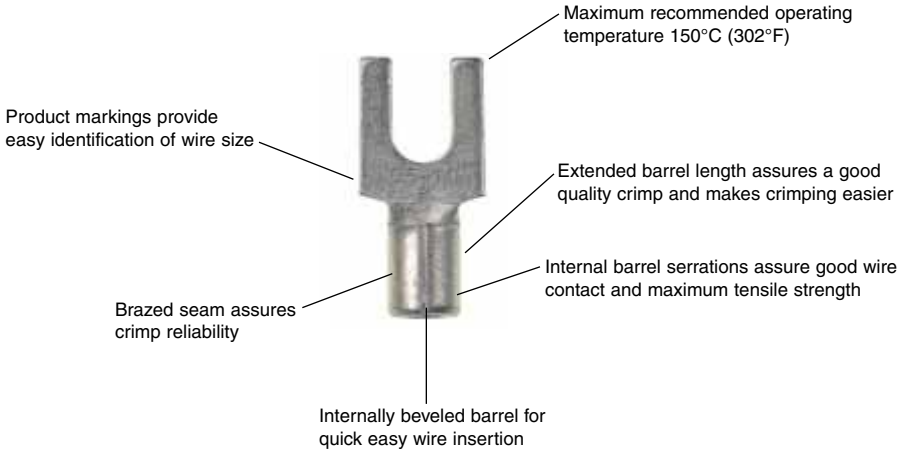
Type PMV



Flammability – UL94V-0.

Non-Insulated Terminals

Type PM



PANDUIT extensive line of tooling is specifically designed for optimum crimping performance.

See pages D1.71 – D1.74.

PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.

See pages E1.1 – E2.30.

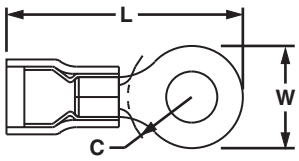
Part Number System for *PAN-TERM*® Metric Terminals

PM	V	1	—	3	R	B	—	C
Type	**Insulation**	**Wire Range**		**Stud Size**	**Tongue Configuration**	**Special Configuration**		**Std. Pkg. Size**
PM = *PAN-TERM*® Metric	N = Nylon NF = Nylon Funnel V = Vinyl	1 = .5-1.0mm² 2 = 1.5-2.5mm² 6 = 4.0-6.0mm²		3 = M3 4 = M4 5 = M5 6 = M6 8 = M8	R = Ring F = Fork P = Pin	B = Butted Seam		X = 10 E = 20 Q = 25 L = 50 C = 100

Metric Ring Terminal, Nylon Insulated – Funnel Entry

Type PMNF-R

- Insulation grip sleeve



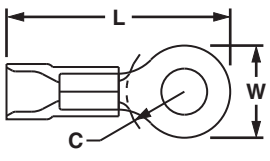
Part Number	Wire Range	Color Code	Max. Ins.	Stud Size	Figure Dimensions (mm) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
PMNF1-3R-C	.5-1.0	Red	3.76	M3	19.3	5.8	5.3	CT-1550	100	500
PMNF1-4R-C			3.76	M4	21.6	7.9	6.4		100	500
PMNF1-5R-C			3.76	M5	21.8	8.9	6.4		100	500
PMNF1-6R-C			3.76	M6	26.7	10.9	9.7		100	500
PMNF2-3R-C	1.5-2.5	Blue	4.11	M3	19.4	5.9	4.8	CT-1550	100	500
PMNF2-4R-C			4.11	M4	21.8	7.9	7.4		100	500
PMNF2-5R-C			4.11	M5	22.4	8.9	7.4		100	500
PMNF2-6R-C			4.11	M6	26.5	10.9	10.7		100	500
PMNF6-3R-L	2.5-6.0	Yellow	5.94	M3	26.7	5.8	9.1	CT-1550	50	250
PMNF6-4R-L			5.94	M4	27.4	7.9	9.1		50	250
PMNF6-5R-L			5.94	M5	28.5	9.7	9.1		50	250
PMNF6-6R-L			5.94	M6	30.2	10.9	10.9		50	250
PMNF6-8R-L			5.94	M8	31.5	13.2	10.9		50	250

For crimping tool information, see page D1.72.

Metric Ring Terminal, Vinyl Insulated – Funnel Entry

Type PMV-R

- Insulation support



Part Number	Wire Range	Color Code	Max. Ins.	Stud Size	Figure Dimensions (mm) L	W	C	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
PMV1-3RB-C	.5-1.0	Red	4.01	M3	20.8	5.8	5.6	CT-1550	100	500
PMV1-4RB-C			4.01	M4	23.1	7.9	7.4		100	500
PMV1-5RB-C			4.01	M5	23.1	8.9	7.4		100	500
PMV1-6RB-C			4.01	M6	28.2	10.9	10.7		100	500
PMV2-3RB-C	1.5-2.5	Blue	4.70	M3	20.5	5.8	6.4	CT-1550	100	500
PMV2-4RB-C			4.70	M4	23.1	7.9	6.4		100	500
PMV2-5RB-C			4.70	M5	23.8	8.9	6.4		100	500
PMV2-6RB-C			4.70	M6	25.7	10.9	9.7		100	500
PMV6-3R-L	2.5-6.0	Yellow	6.10	M3	26.1	5.8	7.9	CT-1550	50	250
PMV6-4R-L			6.10	M4	26.5	7.9	7.9		50	250
PMV6-5R-L			6.10	M5	27.1	9.5	7.9		50	250
PMV6-6R-L			6.10	M6	30.3	10.9	9.7		50	250
PMV6-8R-L			6.10	M8	31.4	13.2	9.7		50	250

For crimping tool information, see page D1.72.

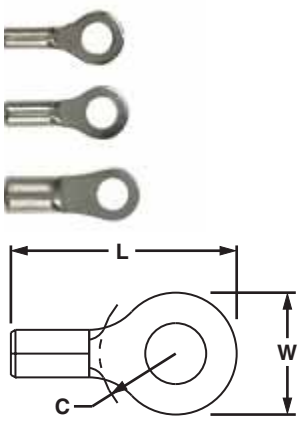
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Metric Ring Terminal, Non-Insulated

Type PM-R

- Brazed seam



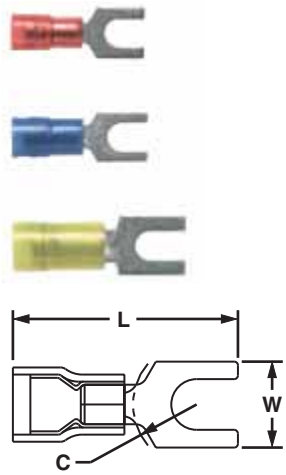
Part Number	Wire Range	Stud Size	Figure Dimensions (mm)			Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
			L	W	C			
PM1-3R-C	.5-1.0	M3	15.8	5.8	5.6	CT-1570	100	500
PM1-4R-C		M4	18.0	7.9	7.4		100	500
PM1-5R-C		M5	18.0	8.9	7.4		100	500
PM2-3R-C	1.5-2.5	M3	15.8	5.8	5.6	CT-1570	100	500
PM2-4R-C		M4	18.0	7.9	7.4		100	500
PM2-5R-C		M5	18.0	8.9	6.5		100	500
PM6-3R-L	2.5-6.0	M3	19.2	5.8	7.9	CT-1570	50	250
PM6-4R-L		M4	19.8	7.9	7.9		50	250
PM6-5R-L		M5	20.6	9.5	7.9		50	250
PM6-6R-L		M6	23.5	10.9	9.7		50	250
PM6-8R-L		M8	24.7	13.3	9.7		50	250

For crimping tool information, see page D1.72.

Metric Fork Terminal, Nylon Insulated – Funnel Entry

Type PMNF-F

- Insulation grip sleeve



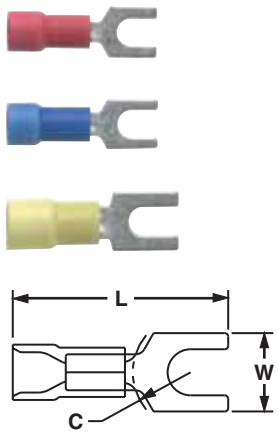
Part Number	Wire Range	Color Code	Max. Ins.	Stud Size	Figure Dimensions (mm)			Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
					L	W	C			
PMNF1-3F-C	.5-1.5	Red	3.76	M3	21.1	5.9	5.1	CT-1550	100	500
PMNF1-4F-C			3.76	M4	22.6	8.2	5.8		100	500
PMNF1-5F-C			3.76	M5	22.9	8.9	6.4		100	500
PMNF1-6F-C			3.76	M6	27.4	11.2	8.4		100	500
PMNF2-3F-C	1.5-2.5	Blue	4.11	M3	19.8	5.9	5.1	CT-1550	100	500
PMNF2-4F-C			4.11	M4	21.3	7.9	5.9		100	500
PMNF2-5F-C			4.11	M5	21.9	8.6	6.4		100	500
PMNF2-6F-C			4.11	M6	26.2	11.2	8.5		100	500
PMNF6-4F-L	2.5-6.0	Yellow	5.94	M4	27.2	7.9	6.2	CT-1550	50	250
PMNF6-5F-L			5.94	M5	26.9	9.5	6.2		50	250
PMNF6-6F-L			5.94	M6	29.0	11.0	8.2		50	250

For crimping tool information, see page D1.72.

Metric Fork Terminal, Vinyl Insulated – Funnel Entry

Type PMV-F

- Insulation support



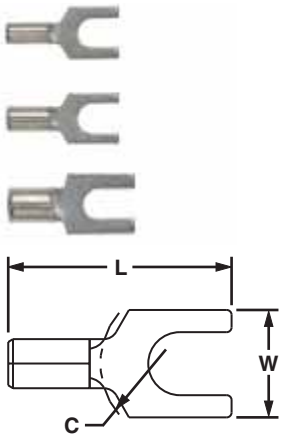
Part Number	Wire Range	Color Code	Max. Ins.	Stud Size	Figure Dimensions (mm)			Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
					L	W	C			
PMV1-3FB-C	.5-1.5	Red	4.01	M3	21.6	5.8	4.8	CT-1550	100	500
PMV1-4FB-C			4.01	M4	23.1	8.1	5.8		100	500
PMV1-5FB-C			4.01	M5	23.6	9.1	6.1		100	500
PMV1-6FB-C			4.01	M6	27.9	11.2	8.1		100	500
PMV2-3FB-C	1.5-2.5	Blue	4.70	M3	21.3	5.8	4.8	CT-1550	100	500
PMV2-4FB-C			4.70	M4	22.9	7.9	5.8		100	500
PMV2-5FB-C			4.70	M5	23.4	8.6	6.1		100	500
PMV2-6FB-C			4.70	M6	27.7	11.2	8.1		100	500
PMV6-4F-L	2.5-6.0	Yellow	6.10	M4	26.4	8.1	5.6	CT-1550	50	250
PMV6-5F-L			6.10	M5	26.4	9.7	5.6		50	250
PMV6-6F-L			6.10	M6	29.5	10.9	8.1		50	250

For crimping tool information, see page D1.72.

Metric Fork Terminal, Non-Insulated

Type PM-F

- Brazed seam
- Beveled wire lead-in



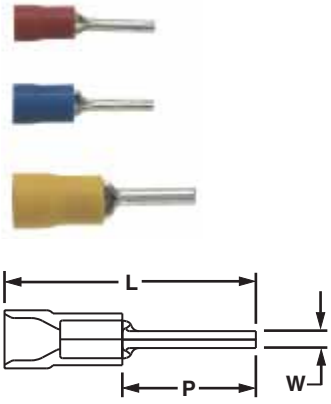
Part Number	Wire Range	Stud Size	Figure Dimensions (mm)			Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
			L	W	C			
PM1-3F-C	.5-1.5	M3	16.0	5.8	5.6	CT-1570	100	500
PM1-4F-C		M4	17.5	8.1	6.4		100	500
PM1-5F-C		M5	18.0	8.8	6.6		100	500
PM2-3F-C	1.5-2.5	M3	16.0	5.8	5.6	CT-1570	100	500
PM2-4F-C		M4	17.5	7.9	6.4		100	500
PM2-5F-C		M5	18.0	8.6	6.9		100	500
PM6-5F-L	2.5-6.0	M5	19.4	9.5	7.1	CT-1570	50	250
PM6-6F-L		M6	22.6	10.9	8.6		50	250

For crimping tool information, see page D1.72.

Metric Pin Terminal, Vinyl Insulated – Funnel Entry

Type PMV-P

- Funnel entry speeds wire insertion for faster assembly and lower installed costs
- Industry standard color coding to indicate wire range
- Brazed seam assures a reliable crimp
- Insulation support
- For pin-type terminal blocks



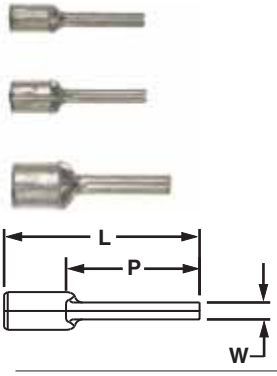
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
				L	W	P			
PMV1-P10-C	.5-1.5	Red	3.80	21.1	2.0	11.9	CT-1550	100	500
PMV2-P10-C	1.5-2.5	Blue	4.30	21.1	2.0	11.9		100	500
PMV6-P10-L	2.5-6.0	Yellow	6.40	27.9	2.5	14.0		50	250

For crimping tool information, see page D1.72.

Metric Pin Terminal, Non-Insulated

Type PM-P

- Brazed seam
- Beveled wire lead-in
- For pin type terminal blocks



Part Number	Wire Range	Figure Dimensions (In.)			Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
		L	W	P			
PM1-P10-C	.5-1.5	17.0	2.0	11.9	CT-1570	100	500
PM2-P10-C	1.5-2.5	17.0	2.0	11.9		100	500
PM6-P10-L	2.5-6.0	20.1	2.8	14.0		50	250

For crimping tool information, see page D1.72.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Plastic Box Terminal Kits

- Ideal for maintenance and construction wiring
- Rugged plastic construction
- Kit has hanging tab for easy storage

KP-1075

KP-1165

Part Number	Part Description	Std. Pkg. Qty.
KP-1075	Terminal kit without crimping tool. Includes the following: (20) PV18-8R; PV18-6F; PV14-8F; PV14-10R; (10) PV10-8R; PV10-10R; DNF14-250; DNF-18-250; BSV18X; BSV14X; BSV10X; (5) JN418-212.	1
KP-1000	Empty plastic box, 12 terminal compartments and 1 tool compartment, measures 11" wide x 6 3/4" deep x 1 3/4" high. Positive latch prevents accidental opening. Once top is closed, terminals remain in their compartments.	1
KP-1165	Includes the following: (18) PV18-8R; PV14-10R; PV18-6F; PV14-8F; (10) PV10-8R; PV10-10R; BSV18X; BSV14X; BSV10X; DV18-250B; DV14-188B; (5) JN418-212; (1) CT-160 Tool; KP-1000 Box.	1
KP-1166	Includes the following: (18) P18-8R; P14-10R; P18-6F; P14-8F; (10) P10-8R; P10-10R; BS18;BS14; BS10; D18-250; D14-188; (5) JN218-216; (1) CT-160 Tool; KP-1000 Box.	1

Steel Kit Boxes

- Terminal kit in rugged steel case that can be used stand-alone or fits into 2, 4 or 6 drawer slide racks

Part Number	Part Description	Std. Pkg. Qty.
K-1000	Empty steel box, 20 terminal compartments and 1 tool compartment, measures 13 21/64" wide x 9 21/64" deep x 2" high • Latch prevents accidental opening • Handle for portability or as drawer pull when used in rack • Drop-in label area on front	1
K-1001	Empty steel kit box, 20 terminal compartments and 1 tool compartment, box measures 13 21/64" wide x 9 21/64" deep x 2" high.	1
K-1100	Steel box and CT-100 Crimping Tool.	1
K-1102	Includes the following: (100) PV18-6LF; PV18-8LF; PV14-8LF; PV14-10LF; BSV18X; BSV14X; (50) PV10-10LF; BSV10X; (1) CT-100 Tool; K-1000 Box.	1
K-1103	Includes the following: (100) DV18-250B; DV14-250B; DV14-250MB; D18-250; D14-250; (50) DV10-250; D10-250; (1) CT-100 Tool; K-1000 Box.	1
K-1104	Includes the following: (50) PN18-10R; PN14-6R; PN14-10R; PN18-6F; PN14-6F; PN14-10F; (25) PN10-10R; PN10-56R; PN10-10F; BSN14; BSN10; JN418-212; (1) CT-100 Tool; K-1000 Box.	1

Steel Slide Racks

- Consists of steel boxes, storage slide racks and base, which can be combined for neat, organized storage of terminals
- Rugged and durable steel construction
- Empty boxes, full kits, slide racks and base are purchased according to your application needs

Part Number	Part Description	Std. Pkg. Qty.
SR2	2-Drawer Slide Rack Holds K-504 Cable Tie Kit or K-1000 Series Terminal Kit	1
SR4	4-drawer slide rack to hold K-1000 series terminal kit.	1
SR6	6-drawer slide rack to hold K-1000 series terminal kit.	1

Base and slide racks are sold separately.

Slide racks will accommodate the following *PANDUIT* kits:	
K-1000	K-1103
K-1001	K-1104
K-1100	K1-PNKIT
K-1102	K2-PVKIT

Industrial Maintenance Kits

- Steel kits have individual compartments for storage of terminals
- Convenient carrying handle
- Once top is closed, terminals remain in their compartments

K1-PNKIT

K2-PVKIT

K-205

Part Number	Part Description	Std. Pkg. Qty.
K1-PNKIT	Kit contains: (1) K-1001 steel kit box (1) CT-260 installation tool Cable Ties (100) PLT2S cable ties Terminals (100) PN14-610R multi-stud terminals (100) PN18-610R multi-stud terminals (100) PN18-6LF locking fork terminals (100) PN14-8LF locking fork terminals (50) PN10-10LF locking fork terminals (100) PN18-8F fork terminals (100) PN14-10R ring terminals (50) PN10-10R ring terminals Disconnects (100) DNF18-250 disconnects (100) DNF14-250 disconnects (50) DV10-250 disconnects Splices (50) BSN18 butt splices (50) BSN14 butt splices (25) BSN10 butt splices Marking System (1) PMD-0-9 marking dispenser and tape (100) MP150 marker tags (1) PX-0 marker	1
K2-PVKIT	Kit contains: (1) K-1001 steel kit box (1) CT-260 installation tool Cable Ties (100) PLT2S cable ties Terminals (100) PV18-8F fork terminals (100) PV18-6LF locking fork terminals (100) PV14-8LF locking fork terminals (50) PV10-10LF locking fork terminals (100) PV18-610R multi-stud terminals (100) PV14-10R ring terminals (50) PV10-10R ring terminals Disconnects (100) DNF18-250 disconnects (100) DV14-250B disconnects (50) DV10-250 disconnects Splices (50) BSV18X butt splices (50) BSV14X butt splices (25) BSV10X butt splices Wire Joints (30) JN224-318 (15) JN314-412 Marking System (1) PMD-0-9 marking dispenser and tape	1
K-205*	**Kit for Indoor Use** *PAN-TY®* Cable Ties, Cable Tie Installation Tool, Terminals, Crimp Tool and Splices: (1) GTS Tool (1) CT-100 Crimp Tool Natural Nylon 6.6 Cable Ties (100) PLT1M (100) PLT1.5I (100) PLT2S Terminals (100) PV18-6LF (100) PV14-8LF (100) PV14-10LF (50) PV10-10LF Splices (50) BSV10X (100) BSV14X (100) BSV18X	1

*The K-205 does not fit into the SR2, SR4, or SR6.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TERM® DISCONNECTS

PANDUIT® PAN-TERM® Disconnects are designed and precision made to function as a reliable method of making quick, repeatable interconnections. Available with nylon, premium nylon or vinyl insulation or non-insulated.

- **Fully insulated design provides excellent protection from electrical shorts and provides additional installer protection for safety from electrical shocks**
- **Funnel entry speeds insertion and minimizes turned back wire strands**
- **Integrated metal insulation grip provides double crimp insulation grip for high vibration or conductor strain environments on select *SUPRA-GRIP™* disconnects and *DISCO-LOK™* disconnects and *DISCOGRIP™* disconnects**
- **Applicable sizes are UL Listed and CSA Certified, as noted**
- **Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost**

PANDUIT continually provides new designs to meet the application challenges encountered by our customers. *PANDUIT* offers a wide assortment of *PAN-TERM®* termination products at the lowest installed cost.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

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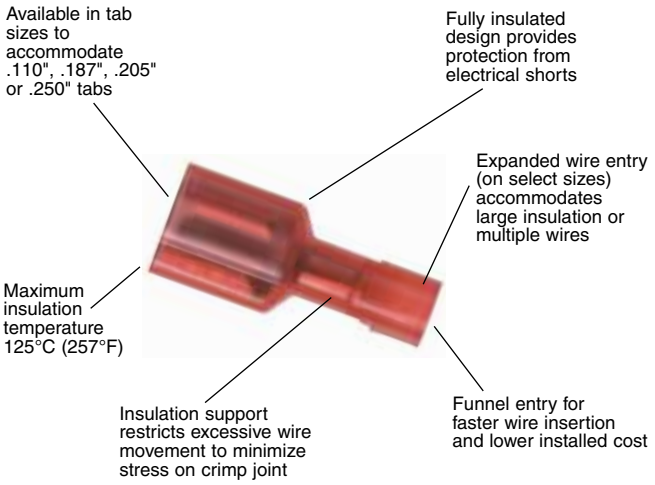
F. Index

Features and Benefits – *PAN-TERM*® Disconnects

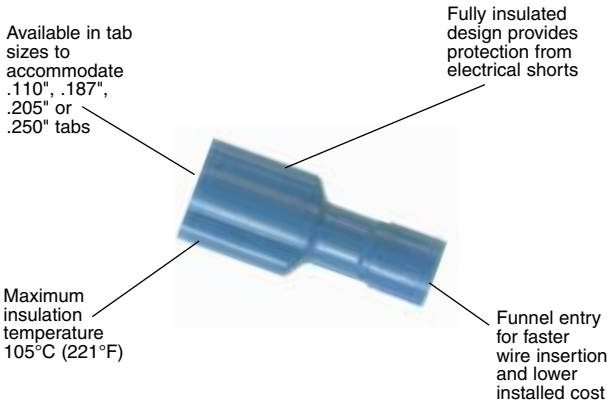
PAN-TERM® disconnects are fabricated from brass and are electro-tin plated for a long, corrosion resistant operating life.

Nylon Fully Insulated Female Receptacles and Male Tabs Type DNF-FIB



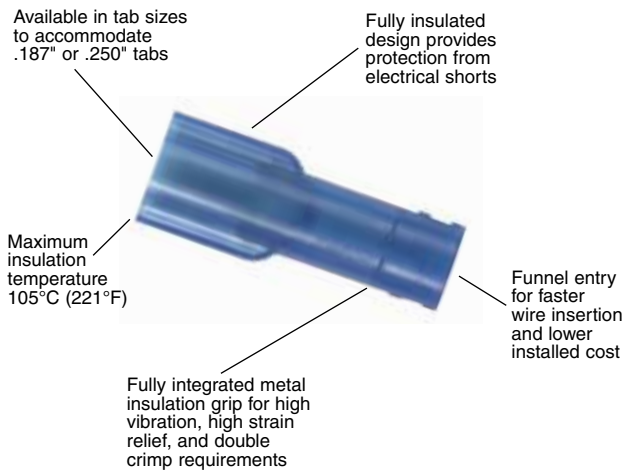
UL and CSA rated up to 600V per UL310.

DISCO-GRIP™ Premium Nylon Fully Insulated Female Receptacles and Male Tabs Type DNF and DPF



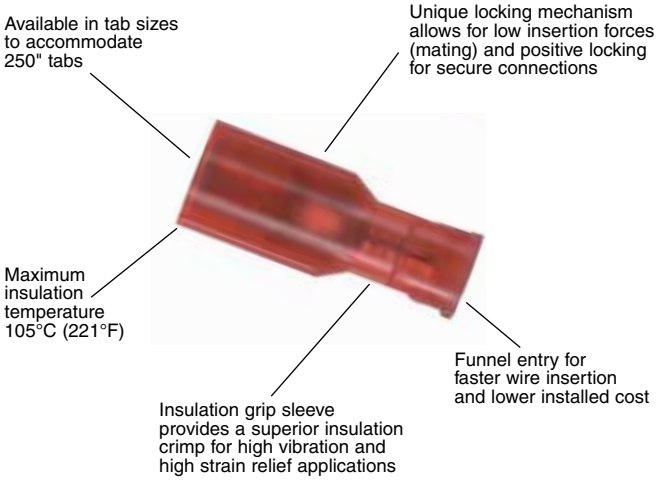
UL and CSA rated up to 600V per UL310.
Male products available .250" width in standard and oversized housing configurations.

SUPRA-GRIP™ Nylon Fully Insulated Female Disconnects Type DNG-FB



UL and CSA rated up to 600V per UL310.

DISCO-LOK™ Nylon Fully Insulated Locking Female Disconnects Type DNG-FL



UL and CSA rated up to 300V.

PANDUIT extensive line of tooling is specifically designed for optimum crimping performance.

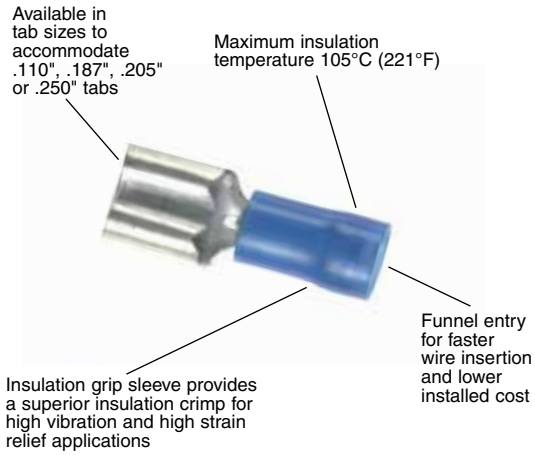
See pages D1.71 – D1.73.

PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.

See pages E1.1 – E2.30.

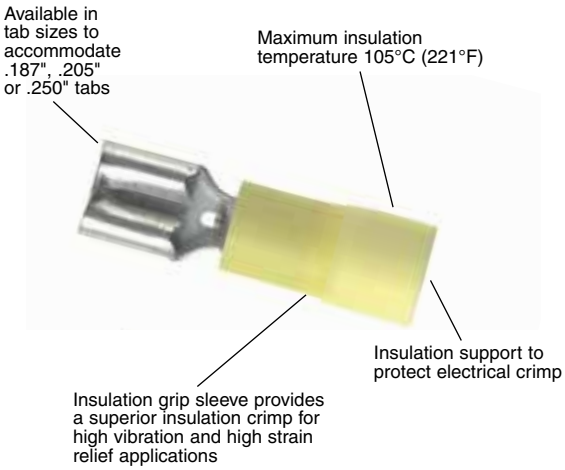
Features and Benefits – *PAN-TERM*® Disconnects (continued)

Nylon Barrel Insulated Female Receptacles and Male Tabs Type DNF



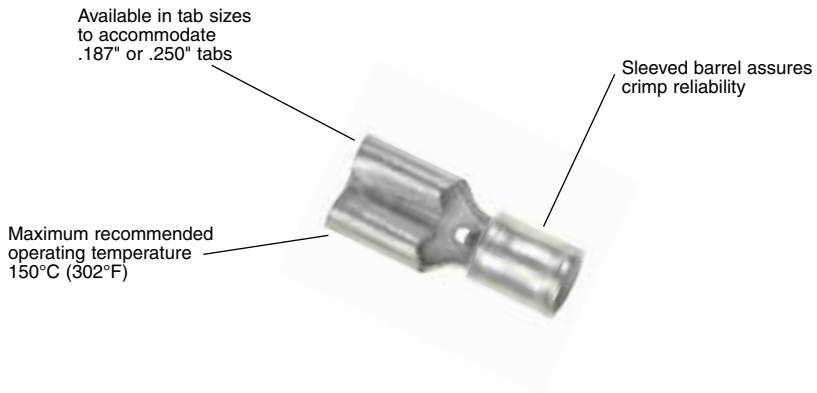
UL and CSA rated up to 300V.
Male products available .250" width.

Vinyl Barrel Insulated Female Receptacles and Male Tabs Type DV and DVF

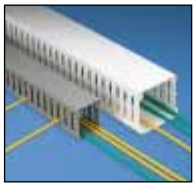


UL and CSA rated up to 600V.
Male products available .250" width.
Flammability – UL94V-0.

Non-Insulated Female Receptacles and Male Tabs Type D



Male products available .250" width.



PANDUIT Wiring Duct offers a wide variety of sizes and types to meet the wire capacity needs and space constraints of the smallest wall mounted to the largest integrated systems.

See pages C1.1 – C1.46

A comprehensive selection of cable ties used to bundle, mount and identify wire and cable.

See pages B1.1 – B1.116

Selection Guide – *PAN-TERM*® Disconnects

Disconnects

Material	Style	Design	Feature	Type	Page Number
Nylon	Fully Insulated	Female	Funnel Entry, Ins. Grip	DNG-FB	D1.37
		Female	Funnel, Ins. Grip, Locking	DNG-FL	D1.38
		Female	Funnel, Ins. Support, 2Pc.	DNF-FIB	D1.39
		Female	Funnel, Ins. Support, 3Pc.	DNF-FI	D1.39
		Female	Funnel Entry, Premium Nylon	DPF-FIB	D1.40
		Male	Funnel, Ins. Support, 2Pc.	DNF-FIM	D1.38
		Male	Premium Nylon	DPF-FIM	D1.40
		Female Right Angle	Funnel Entry, Ins. Support	DNFR-FIB	D1.44
		Female Right Angle	Funnel Entry, Open Top	DNFR-B	D1.44
	Barrel Insulated	Female	Funnel Entry, Ins. Grip	DNF	D1.41
		Male	Funnel Entry, Ins. Grip	DNF-M	D1.46
Vinyl	Barrel Insulated	Female	Funnel Entry, Ins. Grip, 3Pc.	DVF	D1.42
		Female	Funnel Entry, Butted Seam, 2Pc.	DV-B	D1.42
		Male	Funnel Entry, Butted Seam, 2Pc.	DV-MB	D1.47
		Piggyback	Funnel Entry, Ins. Grip	DV-P	D1.46
Heat Shrink	Fully Insulated	Female	Heat Shrink Insulated	DNH-FIB	D1.41
		Male	Heat Shrink Insulated	DNH-FIM	D1.41
Non-Insulated		Female	Sleeved Barrel	D	D1.43
		Female Right Angle	Sleeved Barrel	DR	D1.45
		Female Right Angle	Butted Seam	DR-B	D1.45
		Male	Butted Seam	D-MB	D1.47
		Adapter	Two Female to One Male	D-A	D1.46

Part Number System for *PAN-TERM*® Disconnects

D	NF	—	14	250	FIB	—	M
Type	Insulation		Wire Range	Tab Size	Special Configuration		Standard Package Size

Type

D = Disconnects

Insulation

- N = Nylon
- NF = Nylon, Funnel Entry
- NFR = Nylon, Funnel Entry, Right Angle
- NG = Nylon, Funnel Entry, Metal Insulation Grip
- PF = Premium Grade Nylon, Funnel Entry
- R = Non-Insulated, Right Angle
- V = Vinyl
- = Non-Insulated (leave blank)

Wire Range

- 18 = #22-18
- 14 = #16-14
- 10 = #12-10

Tab Size

- 110 = .110 x .032
- 111 = .110 x .020
- 145 = .145 x .032
- 187 = .187 x .032
- 188 = .187 x .020
- 205 = .187/.205 x .032
- 206 = .187/.205 x .020
- 250 = .250 x .032

Special Configuration

- A = Adapter
- B = Butted Seam
- FB = Metal Insulation Grip,Female
- FI = Fully Insulated, Female
- FIB = Fully Insulated, Butted Seam, Female
- FIM = Fully Insulated, Male
- FIMB = Fully Insulated, Male with Oversized Housing
- FL = Locking, Metal Insulation Grip, Female
- M = Male
- = Female (leave blank)
- P = Piggyback

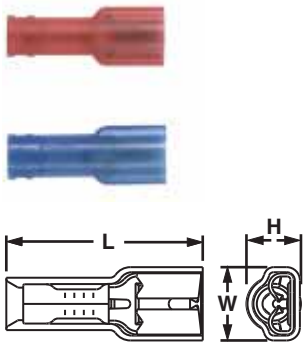
Standard Package Size

- L = 50
- C = 100
- D = 500
- M = 1000

SUPRA-GRIP™ Female Disconnect, Nylon Fully Insulated

Type DNG-FB

- Funnel entry
- Integrated metal insulation grip to meet double crimp requirements
- Color coded insulation
- Internal wire barrel serrations for maximum wire tensile strength
- Tab size clearly marked on insulation housing
- Tin plated brass stamping
- Wire stop
- Mates with DNF-250FIMB



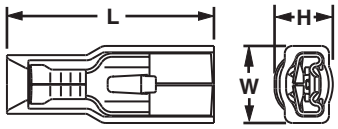
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DNG18-187FB-C	22-18 AWG	Red	.126	.89	.29	.22	.187 x .032	CT-1015	100	1000
DNG18-188FB-C			.126	.89	.29	.22	.187 x .020		100	1000
DNG18-250FB-C			.126	.93	.35	.22	.250 x .032		100	1000
DNG14-187FB-C*	16-14 AWG	Blue	.153	.89	.29	.25	.187 x .032	CT-1015	100	1000
DNG14-188FB-C*			.153	.89	.29	.25	.187 x .020		100	1000
DNG14-250FB-C			.153	.93	.35	.25	.250 x .032		100	1000

*UL Recognized for use with brass tabs only.
For crimping tool information, see page D1.72.

Disco-Lok™ Female Disconnect, Nylon Fully Insulated

Type DNG-FL

- Positive locking mechanism design allows for low insertion force (mating) and locking withdrawal force (separation)
- Fully pre-insulated (color coded)
- Integrated funnel entry
- Insulation grip
- Tab size markings
- Tin plated brass stamping



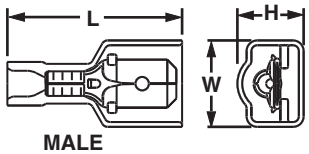
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNG18-250FL-C	22-18 AWG	Red	.126	.97	.36	.24	.250 x .032	CT-1014	100	1000
DNG14-250FL-C	16-14 AWG	Blue	.150	.97	.36	.25	.250 x .032	CT-1014	100	1000

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000.
For crimping tool information, see page D1.72.

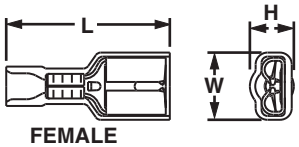
Male/Female Coupler, Nylon Fully Insulated – Funnel Entry

Type DNF

- Insulation support
- Internal wire stop



MALE



FEMALE

Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNF18-250FIM-C	22-18 AWG	Red	.133	.90	.42	.27	.250 x .032	CT-100‡, CT-600, CT-1525‡	100	1000
DNF18-250FIMB-L			.136	.91	.45	.34	.250 x .032		50	500
DNF18-250FIB-C			.136	.84	.35	.22	.250 x .032	CT-100, CT-600, CT-1525‡	100	1000
DNF14-250FIM-C	16-14 AWG	Blue	.158	.90	.42	.27	.250 x .032	CT-600, CT-1525‡	100	1000
DNF14-250FIMB-L			.160	.91	.45	.34	.250 x .032		50	500
DNF14-250FIB-C			.160	.84	.35	.22	.250 x .032	CT-100, CT-600, CT-1525‡	100	1000
DNF10-250FIMB-L*	12-10 AWG	Yellow	.220	.96	.45	.36	.250 x .032	CT-600‡, CT-1550‡, CT-1551‡	50	500
DNF10-250FI-L			.220	.95	.36	.27	.250 x .032	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500

*UL Listed only.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Female Disconnect Nylon Fully Insulated – Funnel Entry

Type DNF-FIB

- Insulation support
- Internal wire stop

Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNF18-110FIB-C	22-18 AWG	Red	.120	.71	.19	.16	.110 x .032	CT-100, CT-600, CT-1525‡	100	1000
DNF18-111FIB-C			.120	.71	.19	.16	.110 x .020		100	1000
DNF18-187FIB-C			.136	.78	.29	.16	.187 x .032		100	1000
DNF18-188FIB-C			.136	.78	.29	.16	.187 x .020		100	1000
DNF18-205FIB-C			.136	.78	.31	.22	.205 x .032		100	1000
DNF18-206FIB-C			.136	.78	.31	.22	.205 x .020		100	1000
DNF18-250FIB-C			.136	.84	.35	.22	.250 x .032		100	1000
DNF14-187FIB-C	16-14 AWG	Blue	.160	.78	.29	.18	.187 x .032	CT-100, CT-600, CT-1525‡	100	1000
DNF14-188FIB-C			.160	.78	.29	.18	.187 x .020		100	1000
DNF14-205FIB-C			.160	.78	.31	.22	.205 x .032		100	1000
DNF14-206FIB-C			.160	.78	.31	.22	.205 x .020		100	1000
DNF14-250FIB-C			.160	.84	.35	.22	.250 x .032		100	1000
DNF10-250FIB-L	12-10 AWG	Yellow	.220	.96	.35	.23	.250 x .032	CT-1525‡	50	500

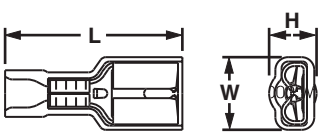
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see pages D1.71, D1.72 and D1.74.

Female Disconnect, Nylon Fully Insulated – Funnel Entry, Metal Sleeve

Type DNF-FI

- Insulation support
- Metal sleeve
- Internal wire stop



Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNF18-250FI-C	22-18 AWG	Red	.140	.94	.36	.21	.250 x .032	CT-100, CT-600, CT-1550, CT-1551	100	1000
DNF14-250FI-C	16-14 AWG	Blue	.160	.94	.36	.24	.250 x .032		100	1000
DNF10-250FI-L	12-10 AWG	Yellow	.220	.95	.36	.27	.250 x .032	CT-100‡, CT-600‡, CT-1550‡, CT-1551‡	50	500

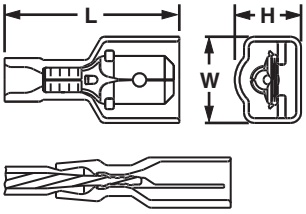
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

‡UL and CSA approved tooling/product combination. For crimping tool information, see pages D1.71, D1.72 and D1.74.

DISCOGRIP™ Male Disconnect, Premium Nylon Fully Insulated – Funnel Entry

Type DPF-FIM

- Insulation grip
- Internal wire stop



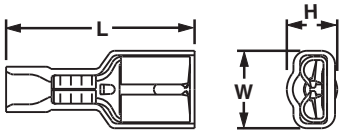
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DPF18-250FIM-C	22-18 AWG	Red	.133	.90	.41	.29	.250 x .032	CT-600, CT-1525	100	1000
DPF14-250FIM-C	16-14 AWG	Blue	.156	.90	.41	.29	.250 x .032		100	1000
DPF18-250FIMB-L*	22-18 AWG	Red	.133	.92	.46	.34	.250 x .032		50	500
DPF14-250FIMB-L*	16-14 AWG	Blue	.156	.92	.46	.34	.250 x .032		50	500

*Oversized housing design will mate with receptacles up to .390" wide and .235" (.285" high for parts with orientation bump).
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information, see pages D1.72 and D1.74.

DISCOGRIP™ Female Disconnect, Premium Nylon Fully Insulated – Funnel Entry

Type DPF-FIB

- Insulation grip
- Internal wire stop



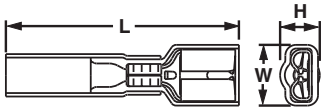
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DPF18-110FIB-C	22-18 AWG	Red	.132	.71	.19	.16	.110 x .032	CT-600‡, CT-1525‡	100	1000
DPF18-111FIB-C			.132	.71	.19	.16	.110 x .020		100	1000
DPF18-205FIB-C			.133	.78	.31	.22	.205/.187 x .032		100	1000
DPF18-206FIB-C			.133	.78	.31	.22	.205/.187 x .020		100	1000
DPF18-250FIB-C			.133	.84	.35	.22	.250 x .032		100	1000
DPF14-205FIB-C	16-14 AWG	Blue	.156	.78	.31	.22	.205/.187 x .032	CT-600‡, CT-1525‡	100	1000
DPF14-206FIB-C			.156	.78	.31	.22	.205/.187 x .020		100	1000
DPF14-250FIB-C			.156	.84	.35	.22	.250 x .032		100	1000
DPF10-250FI-L*	12-10 AWG	Yellow	.218	.95	.36	.27	.250 x .032	CT-600‡, CT-1525‡	50	500
DPF10-250FIB-L			.220	.96	.35	.23	.250 x .032		50	500

*Not UL listed or CSA approved.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.72 and D1.74.

Heat Shrink Disconnects, Fully Insulated – Funnel Entry

Type DNH

- Heat shrink polyolefin with hot melt sealant
- Adhesive lined heat shrink



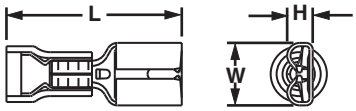
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	Type	Wire Strip Length	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DNH18-250FIM-Q	22-18 AWG	Red	.133	1.50	.41	.31	Male	5/16	CT-310	25	125
DNH18-250FIB-Q			.132	1.44	.35	.22	Female			25	125
DNH14-250FIM-Q	16-14 AWG	Blue	.158	1.50	.41	.31	Male			25	125
DNH14-250FIB-Q			.156	1.44	.35	.22	Female			25	125
DNH10-250FI-E	12-10 AWG	Yellow	.230	1.44	.35	.27	Female			20	100

For crimping tool information, see page D1.72.

Female Disconnect, Nylon Barrel Insulated – Funnel Entry

Type DNF

- Insulation grip sleeve



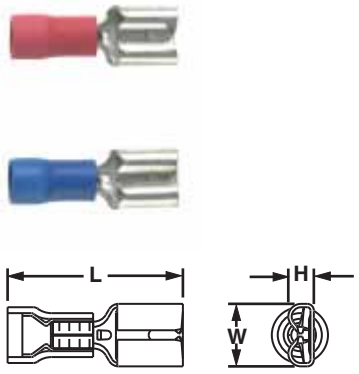
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNF18-110-C	22-18 AWG	Red	.100	.69	.15	.08	.110 x .032	CT-600‡, CT-1525‡	100	500
DNF18-111-C			.100	.69	.15	.07	.110 x .020		100	500
DNF18-187-C			.137	.76	.23	.10	.187 x .032		100	500
DNF18-188-C			.137	.76	.23	.10	.187 x .020		100	500
DNF18-205-C			.137	.76	.25	.12	.205/.187 x .032		100	500
DNF18-206-C			.137	.76	.25	.12	.205/.187 x .020		100	500
DNF18-250-C			.138	.81	.29	.12	.250 x .032		100	500
DNF14-110-C*	16-14 AWG	Blue	.162	.75	.15	.08	.110 x .032	CT-1525	100	500
DNF14-111-C*			.162	.75	.15	.07	.110 x .020		100	500
DNF14-187-C			.162	.76	.23	.10	.187 x .032	CT-600‡, CT-1550, CT-1551	100	500
DNF14-188-C			.162	.76	.23	.10	.187 x .020		100	500
DNF14-205-C			.162	.76	.25	.12	.205/.187 x .032		100	500
DNF14-206-C			.162	.76	.25	.12	.205/.187 x .020		100	500
DNF14-250-C			.162	.83	.29	.12	.250 x .032		100	500

*Not UL Listed or CSA Certified.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.72 and D1.74.

Female Disconnect, Vinyl Barrel Insulated – Funnel Entry

Type DVF

- Insulation grip sleeve

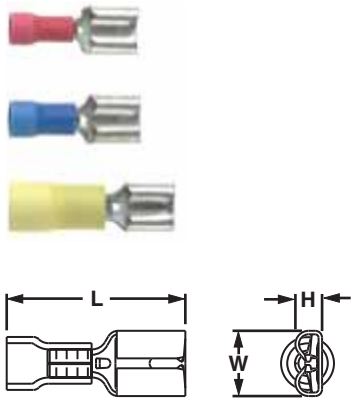


Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DVF18-187-C	22-18 AWG	Red	.137	.76	.23	.10	.187 x .032	CT-1550‡, CT-1551‡	100	500
DVF18-188-C			.137	.76	.23	.10	.187 x .020		100	500
DVF18-205-C			.137	.76	.25	.12	.205 x .032		100	500
DVF18-206-C			.137	.76	.25	.12	.205 x .020		100	500
DVF18-250-C			.137	.81	.29	.12	.250 x .032		100	500
DVF14-187-C	16-14 AWG	Blue	.162	.76	.23	.10	.187 x .032	CT-1550‡, CT-1551‡	100	500
DVF14-188-C			.162	.76	.23	.10	.187 x .020		100	500
DVF14-205-C			.162	.76	.25	.12	.205 x .032		100	500
DVF14-206-C			.162	.76	.25	.12	.205 x .020		100	500
DVF14-250-C			.162	.81	.29	.12	.250 x .032		100	500

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see page D1.72.

Female Disconnect, Vinyl Barrel Insulated – Butted Seam

Type DV-B



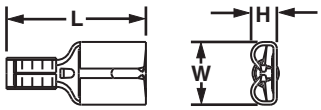
	Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
	DV18-187B-C	22-18 AWG	Red	.150	.75	.23	.10	.187 x .032	CT-1525‡	100	500
	DV18-188B-C			.136	.79	.23	.10	.187 x .020		100	500
	DV18-205B-C			.150	.75	.25	.12	.205 x .032		100	500
	DV18-206B-C			.150	.75	.25	.12	.205 x .020		100	500
	DV18-250B-C			.150	.81	.29	.12	.250 x .032		100	500
▲	**DV14-187B-C**	16-14 AWG	Blue	.170	.75	.23	.10	.187 x .032	CT-1525^	100	500
▲	**DV14-188B-C**			.162	.79	.23	.10	.187 x .020		100	500
▲	**DV14-205B-C**			.170	.75	.25	.12	.205 x .032		100	500
▲	DV14-206B-C			.170	.75	.25	.12	.205 x .020		100	500
▲	**DV14-250B-C**			.170	.81	.29	.12	.250 x .032		100	500
▲	**DV10-250-L***	12-10 AWG	Yellow	.229	1.03	.30	.13	.250 x .032	CT-1550^, CT-1551^	50	500

*Sleeved barrel.
**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see page D1.72.
^ CSA approved tooling/product combinations.
▲UL Recognized only.

Female Disconnect, Non-Insulated – Metal Sleeve

Type D

- Sleeved barrel



Part Number	Wire Range	Figure Dimensions (In.) L	W	H	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
D18-187-C	22-18 AWG	.58	.23	.10	.187 x .032	CT-100‡, CT-200‡, CT-1570‡	100	500
D18-188-C		.58	.23	.10	.187 x .020		100	500
D18-250-C		.66	.30	.12	.250 x .032		100	500
▲ **D14-187-C**	16-14 AWG	.58	.23	.10	.187 x .032	CT-100, CT-200, CT-600, CT-1570	100	500
▲ **D14-188-C**		.58	.23	.10	.187 x .020		100	500
D14-250-C		.66	.30	.12	.250 x .032		100	500
D10-250-L	12-10 AWG	.72	.30	.12	.250 x .032	CT-600‡, CT1570‡, CT-1701‡	50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

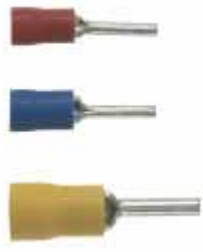
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

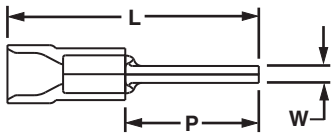
▲UL Recognized only.

Pin Terminal, Vinyl Insulated – Funnel Entry

Type PV-P

- Insulation support
- Brazed seam
- For pin-type terminal blocks





Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	P	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PV18-P47-C	22-18 AWG	Red	.150	.97	.07	.49	CT-100, CT-260, CT-1550, CT-1551	100	1000
PV14-P47-C	16-14 AWG	Blue	.170	.97	.07	.49		100	1000
PV10-P55-L	12-10 AWG	Yellow	.250	1.10	.10	.55		50	500

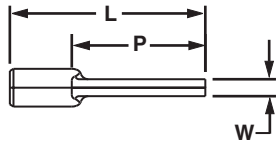
**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see pages D1.71 and D1.72.

Pin Terminal, Non-Insulated

Type P-P

- Brazed seam
- Beveled wire lead-in
- For pin-type terminal blocks



Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	P	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
P18-P47-C	22-18 AWG	—	—	.75	.07	.49	CT-100, CT-200, CT-260, CT-1570	100	1000
P14-P47-C	16-14 AWG	—	—	.75	.07	.49		100	1000
P10-P55-L	12-10 AWG	—	—	.79	.11	.55	CT-100, CT-200, CT-260, CT-1570	50	500

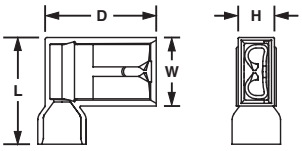
**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.

For crimping tool information, see pages D1.71 and D1.72.

Right Angle Female Disconnect, Nylon Fully Insulated – Funnel Entry

Type DNFR-FIB

- Insulation support
- Used in limited space applications



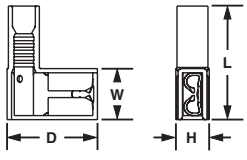
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	D	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNFR18-205FIB-C	22-18 AWG	Red	.178	.58	.37	.21	.60	.205/.187 x .032	CT-300-1	100	1000
DNFR18-206FIB-C			.178	.58	.37	.21	.60	.205/.187 x .020		100	1000
DNFR18-250FIB-C			.178	.58	.37	.21	.60	.250 x .032		100	1000
DNFR14-205FIB-C	16-14 AWG	Blue	.178	.58	.37	.21	.60	.205/.187 x .032	CT-300-1	100	1000
DNFR14-206FIB-C			.178	.58	.37	.21	.60	.205/.187 x .020		100	1000
DNFR14-250FIB-C			.178	.58	.37	.21	.60	.250 x .032		100	1000

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000.
For crimping tool information, see page D1.72.

Right Angle Female Disconnect, Nylon Insulated – Funnel Entry

Type DNFR-B

- Insulation support



Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	D	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNFR18-205B-C	22-18 AWG	Red	.130	.78	.36	.20	.62	.205/.187 x .032	CT-1525‡	100	1000
DNFR18-206B-C			.130	.78	.36	.20	.62	.205/.187 x .020		100	1000
DNFR18-250B-C			.130	.78	.36	.20	.62	.250 x .032		100	1000
DNFR14-205B-C	16-14 AWG	Blue	.155	.78	.36	.20	.63	.205/.187 x .032	CT-1525‡	100	1000
DNFR14-206B-C			.155	.78	.36	.20	.63	.205/.187 x .020		100	1000
DNFR14-250B-C			.155	.78	.36	.20	.63	.250 x .032		100	1000

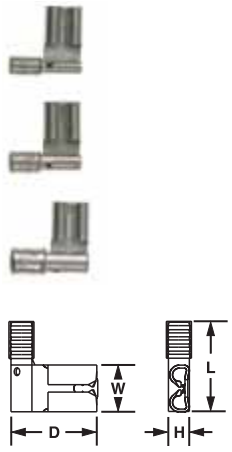
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see page D1.72.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Right Angle Female Disconnect, Non-Insulated – Metal Sleeve

Type DR

- Sleeved barrel



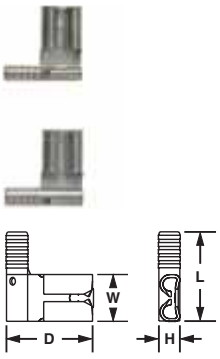
Part Number	Wire Range	Figure Dimensions (In.) L	W	H	D	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DR18-205-C	22-18 AWG	.54	.25	.11	.53	.205/.187 x .032	CT-100‡, CT-200‡, CT-600‡, CT-1570‡	100	1000
DR18-206-C		.54	.25	.11	.53	.205/.187 x .020		100	1000
DR18-250-C		.57	.30	.12	.54	.250 x .032		100	1000
DR14-205-C	16-14 AWG	.54	.25	.11	.55	.205/.187 x .032	CT-100‡, CT-200‡, CT-600‡, CT-1570‡	100	1000
DR14-206-C		.54	.25	.11	.55	.205/.187 x .020		100	1000
▲ **DR14-250-C**		.57	.30	.12	.55	.250 x .032		100	1000
DR10-250-L	12-10 AWG	.61	.30	.12	.57	.250 x .032	CT-100‡, CT-200‡, CT-600‡, CT-1570‡, CT-1701‡	50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.
▲UL Recognized only.

Right Angle Female Disconnect Non-Insulated

Type DR-B

- Sleeved barrel



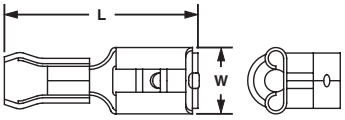
Part Number	Wire Range	Figure Dimensions (In.) L	W	H	D	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DR18-205B-C*	22-18 AWG	.54	.25	.12	.53	.205/.187 x .032	CT-100, CT-200	100	1000
DR18-206B-C*		.54	.25	.12	.53	.205/.187 x .020		100	1000
DR18-250B-C		.55	.30	.12	.53	.250 x .032		100	1000
DR14-205B-C*	16-14 AWG	.54	.25	.12	.55	.205/.187 x .032	CT-100, CT-200	100	1000
DR14-206B-C*		.54	.25	.12	.55	.205/.187 x .020		100	1000
DR14-250B-C		.55	.30	.12	.55	.250 x .032		100	1000

*Not CSA Certified.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000.
For crimping tool information, see page D1.71.

Piggyback Disconnect, Vinyl Insulated

Type DV-P

- Insulation grip sleeve
- Female and male tabs combined in one disconnect
- Allows additional circuits to be added to existing equipment or ability to add future circuits – no costly rework or product changes needed



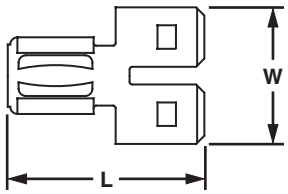
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	Figure Dimensions (In.) W	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DV18-250P-C	22-18 AWG	Red	.130	.88	.29	.250 x .032	CT-100, CT-260, CT-1550, CT-1551	100	1000
DV14-250P-C	16-14 AWG	Blue	.160	.88	.29	.250 x .032		100	1000

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000.
For crimping tool information, see pages D1.71 and D1.72.

Disconnect Adapter, Non-Insulated

Type D-A

- Couples two female disconnects to one male disconnect (all .250 x .032)



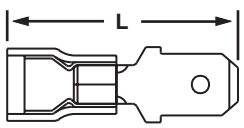
Part Number	Figure Dimensions (In.) L	Figure Dimensions (In.) W	Tab Size	Std. Pkg. Qty.**	Std. Ctn. Qty.
D-250A-C	.82	.57	.250 x .032	100	1000

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000.

Male Disconnect, Nylon Barrel Insulated – Funnel Entry

Type DNF-M

- Insulation grip sleeve



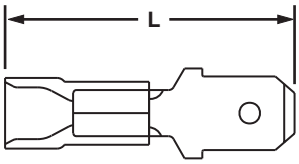
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DNF18-250M-C	22-18 AWG	Red	.136	.90	.250 x .032	CT-1550, CT-1551	100	1000
DNF14-250M-C	16-14 AWG	Blue	.162	.90	.250 x .032		100	1000
DNF10-250M-L*	12-10 AWG	Yellow	.230	1.03	.250 x .032		50	500

*Not UL Listed or CSA Certified.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information, see page D1.72.

Male Disconnect, Vinyl Barrel Insulated – Funnel Entry

Type DV-MB

- Butted seam

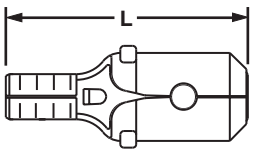


Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DV18-250MB-C	22-18 AWG	Red	.154	.98	.250 x .032	CT-1550, CT-1551	100	500
DV14-250MB-C	16-14 AWG	Blue	.180	.96	.250 x .032		100	500
DV10-250M-L*	12-10 AWG	Yellow	.235	.98	.250 x .032		50	500

*Not UL Listed or CSA Certified.
**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information, see page D1.72.

Male Disconnect, Non-Insulated – Butted Seam

Type D-MB



Part Number	Wire Range	Figure DImensions (In.) L	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
D18-250MB-C	22-18 AWG	.69	.250 x .032	CT-100	100	500
D14-250MB-C	16-14 AWG	.69	.250 x .032		100	500
D10-250M-L*	12-10 AWG	.72	.250 x .032	CT-100, CT-200, CT-260, CT-1570, CT-600	50	500

* Brazed seam.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information, see pages D1.71, D1.72, and D1.74.

Selection Guide – Specialty Terminals

Specialty

Material	Style	Feature	Type	Page Number
Vinyl	Pin Terminal	Insulation Support	PV-P	D1.43
	Blade Terminal	Insulation Support	DV-M	D1.48
Non-Insulated	Pin Terminal	Brazed Seam	P-P	D1.43
	Blade Terminal	Brazed Seam	D-M	D1.48

Male Blade Adapter, Vinyl Insulated – Funnel Entry

Type DV-M

- Brazed seam
- For blade-type terminal blocks
- Insulation support

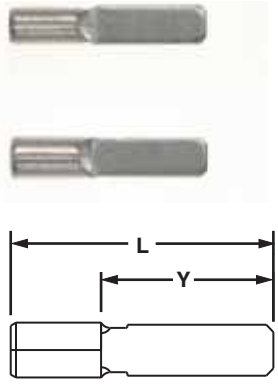
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	Figure Dimensions (In.) Y	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
DV18-145M-C	22-18 AWG	Red	.150	.97	.42	.145 x .032	CT-600, CT-1550‡, CT-1551‡	100	500
DV14-145M-C	16-14 AWG	Blue	.170	.97	.42	.145 x .032		100	500

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.72 and D1.74.

Male Blade Adapter, Non-Insulated

Type D-M

- Brazed seam
- For blade-type terminal blocks



Part Number	Wire Range	Figure Dimensions (In.) L	Figure Dimensions (In.) Y	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
D18-145M-C	22-18 AWG	.75	.42	.145 x .032	CT-100‡, CT-200‡, CT-600, CT-1570‡	100	500
D14-145M-C	16-14 AWG	.75	.42	.145 x .032		100	500

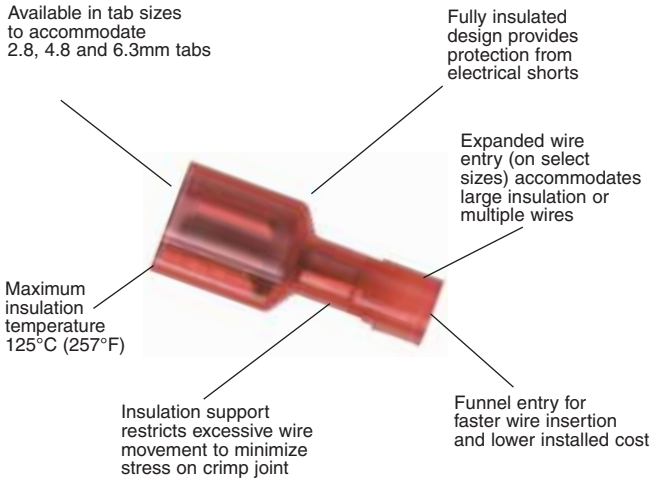
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

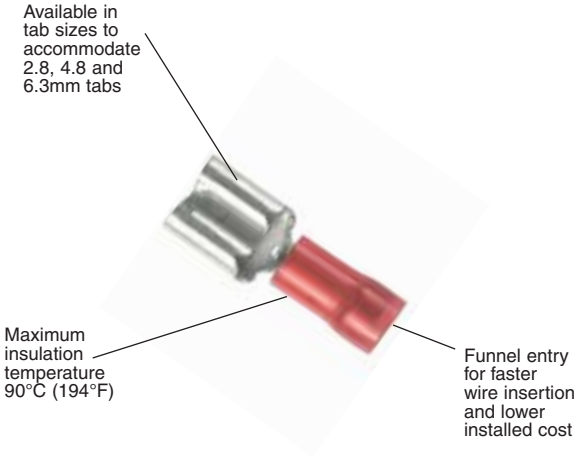
Features and Benefits – *PAN-TERM*® Metric Disconnects

Metric Nylon Fully Insulated Female and Male Tabs Type DMNF-FIB



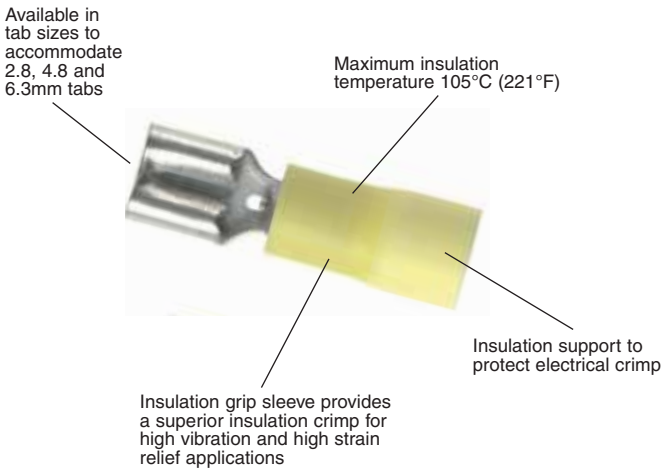
Rated at 600V.

Nylon Barrel Insulated Female Receptacles and Male Tabs Type DMNF



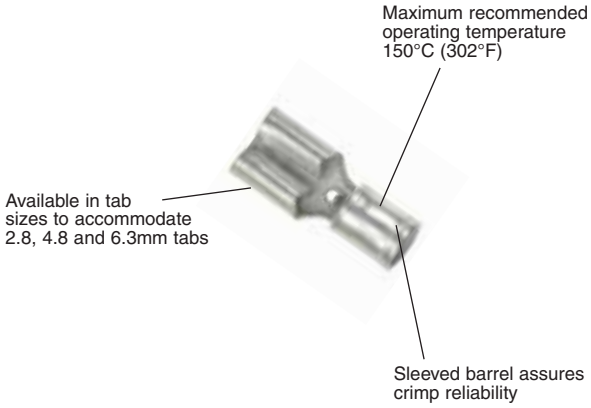
Rated at 600V.

Vinyl Barrel Insulated Female Receptacles Type DMV



Rated at 600V.
Flammability UL94V-0.

Non-Insulated Female Receptacles and Male Tabs Type DM



PANDUIT extensive line of tooling is specifically designed for optimum crimping performance.

See pages D1.71 – D1.74.

PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.

See pages E1.1 – E2.30.

Part Number System for *PAN-TERM*® Metric Disconnects

DM	NF	1	—	285	FIB	—	C
Type	Insulation	Wire Range		Size & Type	Special Configuration		Package Size

Type
DM = *PAN-TERM*® Disconnect Metric

Insulation
N = Nylon
NF = Nylon Funnel
V = Vinyl

Wire Range
1 = .5–1.0mm²
2 = 1.5–2.5mm²
6 = 4.0–6.0mm²

Size & Type
285 = 2.8mm x .5mm
288 = 2.8mm x .8mm
488 = 4.8mm x .8mm
63 = 6.3mm x .8mm

Special Configuration
B = Butted Seam
FI = Fully Insulated Female
FIB = Fully Insulated Butted Seam Female
FIM = Fully Insulated Male
M = Male
MB = Butted Seam Male

Package Size
X = 10
E = 20
Q = 25
L = 50
C = 100

Female Metric Disconnect, Fully Insulated Nylon – Funnel Entry

Type DMNF-FIB

- Insulation support
- Internal wire stop

Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (mm) L	W	H	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DMNF1-285FIB-C	.5-1.0	Red	3.05	18.0	4.8	4.1	2.8 x .5	CT-1525	100	500
DMNF1-288FIB-C			3.05	18.0	4.8	4.1	2.8 x .8		100	500
DMNF1-488FIB-C**	.5-1.0		3.35	19.8	7.9	5.5	4.8 x .8		100	1000
DMNF1-63FIB-C			3.35	21.3	8.9	5.5	6.3 x .8		100	500
DMNF2-488FIB-C**	.5-1.0	Blue	3.96	19.8	7.9	5.5	4.8 x .8		100	1000
DMNF2-63FIB-C			3.96	21.3	8.9	5.5	6.3 x .8		100	500
DMNF6-63FI-L	2.5-6.0	Yellow	5.84	24.4	8.9	6.9	6.3 x .8	CT-1551	50	250

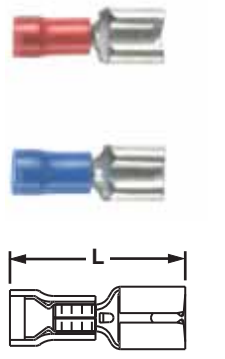
**Only DMNF1-488FIB and DMNF2-488FIB are available in bulk; to order, replace -C in the part number with -M for a bulk package of 1000.

For crimping tool information, see page D1.72.

Female Metric Disconnect, Nylon Barrel Insulated – Funnel Entry

Type DMNF

- Insulation grip sleeve



Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (mm) L	W	H	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DMNF1-285-C	.5-1.0	Red	2.50	17.8	3.8	2.0	2.8 x .5	CT-1551	100	500
DMNF1-288-C			2.50	17.6	3.8	2.0	2.8 x .8		100	500
DMNF1-488-C			3.60	19.6	5.8	2.5	4.8 x .8		100	500
DMNF1-63-C	.5-1.5	Red	3.58	20.7	7.4	3.05	6.3 x .8		100	500
DMNF2-288-C	1.5-2.5	Blue	4.20	18.8	3.8	2.0	2.8 x .8		100	500
DMNF2-488-C			4.20	19.6	5.8	2.5	4.8 x 0.8		100	500
DMNF2-63-C			4.22	21.1	7.4	3.05	6.3 x 0.8		100	500

For crimping tool information, see page D1.72.

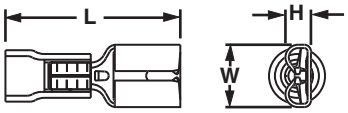
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Female Metric Disconnect, Vinyl Barrel Insulated – Funnel Entry

Type DMV

- Sleeved barrel



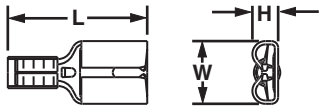
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (mm)			Tab Size	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
				L	W	H				
DMV6-63-L	2.5-6.0	Yellow	5.80	25.7	7.6	3.3	6.3 x .8	CT-1551	50	250

For crimping tool information, see page D1.72.

Female Metric Disconnect, Non-Insulated – Metal Sleeve

Type DM

- Sleeved barrel



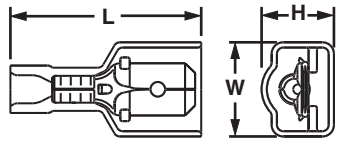
Part Number	Wire Range	Figure Dimensions (mm)			Tab Size	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
		L	W	H				
DM1-488-C	.5-1.0	15.0	5.9	2.5	4.8 x .8	CT-1570	100	500
DM1-63-C	.5-1.5	16.8	7.6	3.0	6.3 x .8		100	500
DM2-488-C	1.5-2.5	15.0	5.9	2.5	4.8 x .8		100	500
DM2-63-C	1.5-2.5	16.8	7.6	3.0	6.3 x .8		100	500
DM6-63-L	2.5-6.0	18.2	7.6	3.0	6.3 x .8		50	250

For crimping tool information, see page D1.72.

Male Metric Disconnect, Fully Insulated Nylon – Funnel Entry

Type DMNF-FIM

- Insulation support



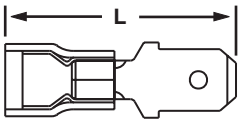
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (mm)			Tab Size	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
				L	W	H				
DMNF1-63FIM-C	.5-1.0	Red	3.38	22.9	10.29	7.03	6.3 x .8	CT-1525	100	500
DMNF2-63FIM-C	1.5-2.5	Blue	4.01	22.9	10.41	7.05	6.3 x .8		100	500

For crimping tool information, see page D1.72.

Male Metric Disconnect, Nylon Barrel Insulated – Funnel Entry

Type DMNF-M

- Insulation grip sleeve

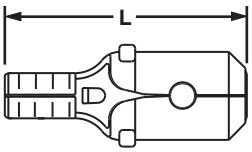


Part Number	Wire Range	Color Code	Max. Ins.	Figure DImensions (mm) L	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DMNF1-63M-C	.5-1.5	Red	3.96	22.7	6.3 x .8	CT-1551	100	500
DMNF2-63M-C	1.5-2.5	Blue	4.83	23.6	6.3 x .8		100	500
DMNF6-63M-L	2.5-6.0	Yellow	6.20	23.6	6.3 x .8		50	250

For crimping tool information, see page D1.72.

Male Metric Disconnect, Non-Insulated – Butted Seam

Type DM-M



Part Number	Wire Range	Figure Dimensions (mm) L	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DM1-63M-C	.5-1.5	19.2	6.3 x .8	CT-1570	100	500
DM2-63M-C	1.5-2.5	19.2	6.3 x .8		100	500
DM6-63M-L*	2.5-6.0	18.2	6.3 x .8		50	250

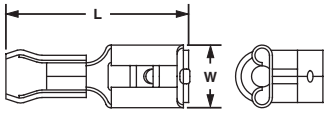
*Brazed seam.

For crimping tool information, see page D1.72.

Piggyback Metric Disconnect, Vinyl Barrel Insulated

Type DMV-P

- Insulation grip sleeve
- Female and male tabs combined in one disconnect
- Allows additional circuits to be added to existing equipment or ability to add future circuits – no costly rework or product changes needed



Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (mm) L	W	Tab Size	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
DMV1-63P-C	.5-1.5	Red	3.30	22.4	7.4	6.3 x .8	CT-1551	100	500
DMV2-63P-C	1.5-2.5	Blue	4.06	22.4	7.4	6.3 x .8		100	500

For crimping tool information, see page D1.72.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TERM® SPLICES

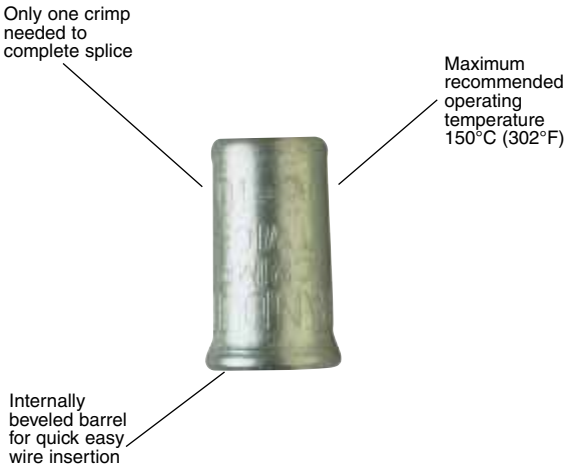
PANDUIT® *PAN-TERM*® Splices are designed and manufactured for fast assembly, and long reliable performance. As the demand for splices increases, it becomes essential to provide a complete system for termination products. *PANDUIT* provides an extensive line of tooling designed specifically to provide optimum performance when used as a system for terminating.

- **Suitable for in-line, parallel and group splicing of wires**
- **Nylon and vinyl insulated as well as non-insulated**
- **Available in sizes from #26 AWG – #10 AWG**
- **Internal wire stops on butt splices prevent over insertion of wires**
- **Applicable sizes are UL Listed and CSA Certified, as noted**
- **Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost**

PANDUIT continually provides new designs to meet the application challenges encountered by our customers. *PANDUIT* offers a wide assortment of *PAN-TERM*® termination products to meet customer needs at the lowest installed cost.

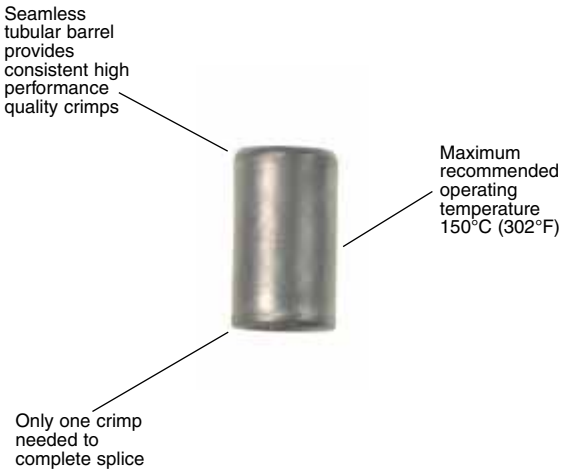
Features and Benefits – *PAN-TERM*® Splices and Wire Joints

Non-Insulated Wire Joints
Type J



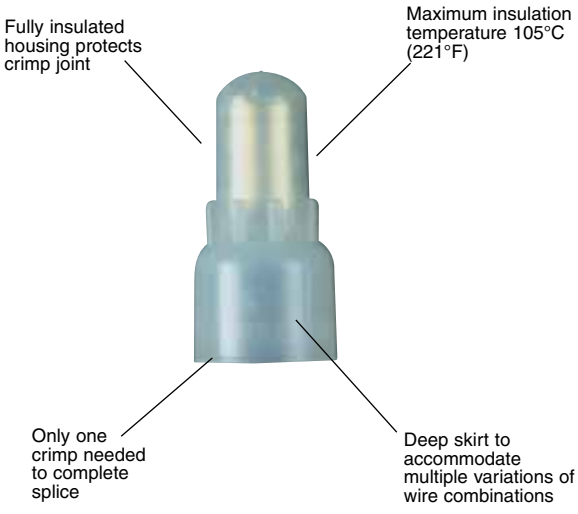
UL and CSA rated up to 600V.

Non-Insulated Parallel Splices
Type PS



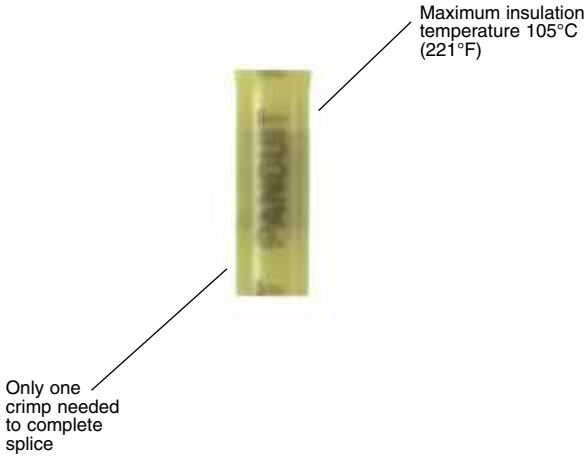
UL and CSA rated up to 300V.

Nylon Wire Joints
Type JN



UL and CSA rated up to 600V
Metric versions available

Nylon Parallel Splices
Type PSN



PANDUIT extensive line of tooling is specifically designed for optimum crimping performance.

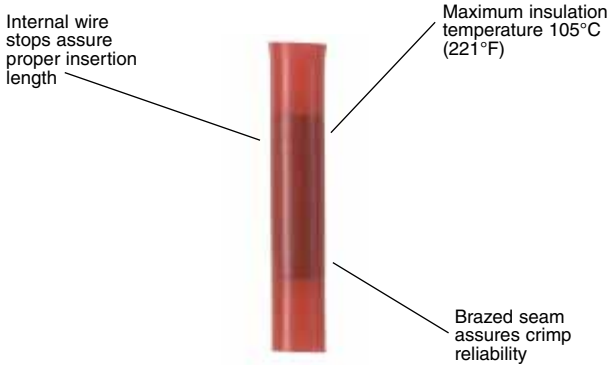
See pages D1.71 – D1.74.

PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.

See pages E1.1 – E2.30.

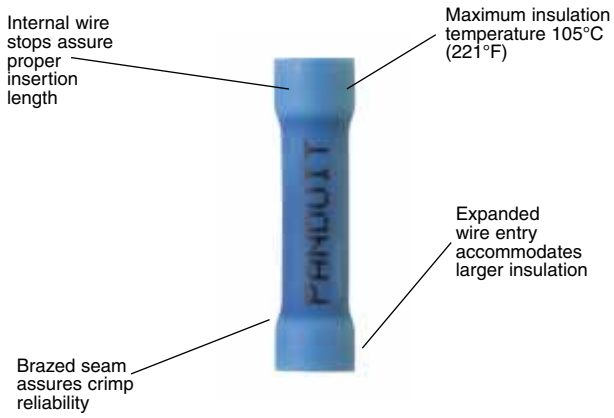
Features and Benefits – *PAN-TERM*® Splices

Nylon Butt Splices
Type BSN



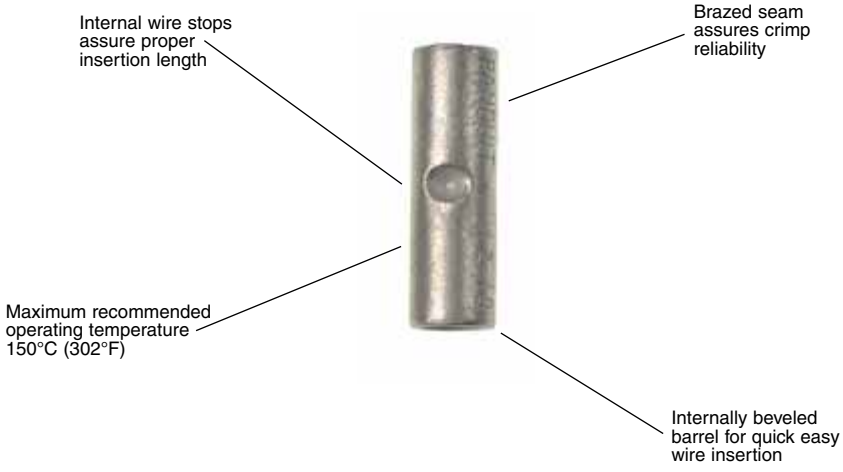
UL and CSA rated up to 600V.

Vinyl Butt Splices
Type BSV

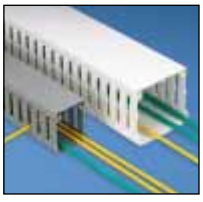


UL and CSA rated up to 600V.
Flammability – UL94V-0.
Metric versions available.

Non-Insulated Butt Splices
Type BS



UL and CSA rated up to 600V.
Metric versions available.



PANDUIT Wiring Duct offers a wide variety of sizes and types to meet the wire capacity needs and space constraints of the smallest wall mounted to the largest integrated systems.

See pages C1.1 – C1.46.

A comprehensive selection of cable ties used to bundle, mount and identify wire and cable.

See pages B1.1 – B1.116.

Selection Guide – *PAN-TERM*® Splices and Wire Joints

Splices & Wire Joints

Material	Style	Feature	Type	Page Number
Nylon	Butt Splice	Brazed Seam	BSN	D1.57
	Parallel Splice	Seamless Barrel	PSN	D1.58
	Wire Joint	Multiple Wire Connector	JN	D1.58
Vinyl	Butt Splice	Expanded Insulation	BSV	D1.57
Heat Shrink	Butt Splice	Heat Shrink Insulation	BSH	D1.59
Non-Insulated	Butt Splice	Brazed Seam	BS	D1.57
	Parallel Splice	Seamless Barrel	PS	D1.58
	Wire Joint		J	D1.59

Part Number System for *PAN-TERM*® Splices

BS — **Type**
BS = Butt Splice
PS = Parallel Splice

V — **Insulation**
N = Nylon
V = Vinyl

14 — **Wire Range**
22 = #26-22
18 = #22-18
14 = #16-14
13 = #14-12
10 = #12-10

X — **Special Configuration**
X = Expanded Insulation

—

M — **Standard Package Size**
X = 10
Q = 25
L = 50
C = 100
T = 200
D = 500
M = 1000

Part Number System for *PAN-TERM*® Wire Joints

JN — **Type**
J = Non-Insulated
JN = Nylon-Insulated

418-212 — **Wire Range**

J Types
214-312 = 2 #14-3 #12
318-412 = 3 #14-4 #12
216-410 = 2 #16-4 #10

JN Types
224-318 = 2 #24-3 #18
218-216 = 2 #18-2 #16
418-212 = 4 #18-2 #12
314-412 = 3 #14-4 #12

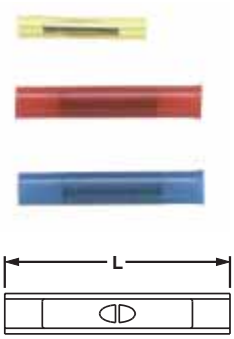
—

C — **Standard Package Size**
X = 10
Q = 25
L = 50
C = 100
T = 200
D = 500
M = 1000

Butt Splice, Nylon Insulated

Type BSN

- Brazed seam
- Internal wire stops assure proper insertion length



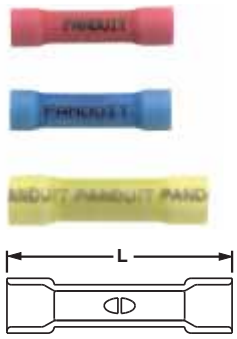
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
BSN22-C*	26-22 AWG	Yellow	.080	.79	CT-100, CT-1525	100	1000
BSN18-C	22-18 AWG	Red	.115	1.15	CT-100, CT-600, CT-1550, CT-1551	100	1000
BSN14-C	16-14 AWG	Blue	.148	1.15	CT-100, CT-600, CT-1550, CT-1551	100	1000
BSN10-L	12-10 AWG	Yellow	.210	1.14	CT-100, CT-600, CT-1550, CT-1551	50	500

*Not UL Listed.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information, see pages D1.71, D1.72 and D1.74.

Butt Splice, Vinyl Insulated

Type BSV

- Expanded insulation
- Insulation support
- Internal wire stops assure proper insertion length



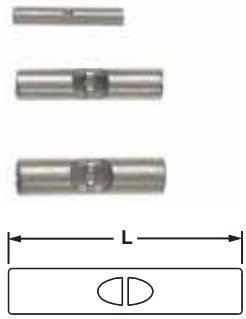
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
BSV18X-C	22-18 AWG	Red	.170	1.03	CT-100, CT-600, CT-1550, CT-1551	100	1000
BSV14X-C	16-14 AWG	Blue	.200	1.04		100	1000
BSV10X-L	12-10 AWG	Yellow	.250	1.18		50	500

**To order in bulk, replace -C in the part number with -M or -MY for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information, see pages D1.71, D1.72 and D1.74.

Butt Splice, Non-Insulated

Type BS

- Brazed seam
- Internal wire stops assure proper insertion length



Part Number	Wire Range	Figure Dimensions (In.) L	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
BS22-C*	26-22 AWG	.47	CT-100	100	1000
BS18-C	22-18 AWG	.62	CT-100, CT-200, CT-600, CT-1570	100	1000
BS14-C	16-14 AWG	.62	CT-100, CT-200, CT-600, CT-1570	100	1000
BS10-L	12-10 AWG	.63	CT-100, CT-200, CT-600, CT-1570, CT-1701‡	50	500

*Not UL Listed.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71, D1.72 and D1.74.

Parallel Splice, Nylon Insulated

Type PSN

- Only one crimp needed to complete splice

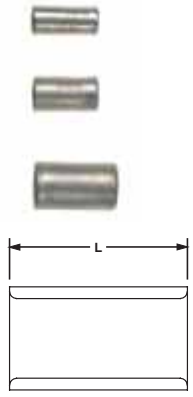
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PSN18-C	22-18 AWG	Red	.120	.75	5/16	CT-100, CT-1525	100	500
PSN16-C	20-16 AWG	Blue	.150	.75	5/16		100	500
PSN12-L	14-12 AWG	Yellow	.210	.83	7/16		50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information, see pages D1.71 and D1.72.

Parallel Splice, Non-Insulated

Type PS

- Only one crimp needed to complete splice



Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
PS18-C	22-18 AWG	—	—	.29	5/16	CT-100, CT-200	100	500
PS16-C	20-16 AWG	—	—	.29	5/16		100	500
PS12-L	14-12 AWG	—	—	.38	7/16		50	500

**To order in bulk, replace -C in the part number with -M for a bulk package of 1000 and replace -L with -D for a bulk package of 500.
For crimping tool information, see page D1.71.

Wire Joint, Nylon Insulated

Type JN

- Wire joints are used to crimp groups of wires
- Fully pre-insulated to prevent shorting and shocks

	Part Number	Wire Range	Color Code	CMA Range Min.	CMA Range Max.	Figure Dimensions (In.) L	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
	JN224-318-C	(2) #24-(2) #16	Red	808	5160	.79	7/16	CT-1550‡, CT-1551‡	100	1000
▲	**JN218-216-C**	(2) #22-(2) #16	Clear	1284	5160	.78	7/16	CT-1550‡, CT-1551‡	100	1000
	JN418-212-C	(4) #18-(2) #12	Clear	6480	14750	.93	1/2	CT-100‡, CT-1550‡, CT-1551‡	100	1000
	JN314-412-C*	(3) #14-(4) #12	Clear	10320	26120	.97	5/8	CT-100‡, CT-160‡, CT-260‡	100	1000

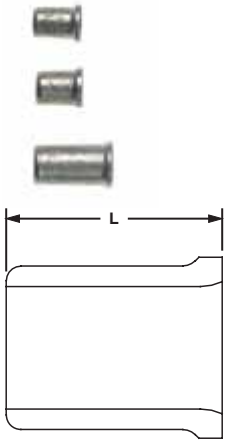
*Not UL Listed.
**To order in bulk, replace -C in the part number with -M for a bulk package of 1000, with exception of JN418-212-C, replace -C with -D for bulk package of 500.
▲ Not CSA Certified.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.71 and D1.72.
Note: Wire combinations using #24 AWG wire are not UL Listed or CSA Certified.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Wire Joint, Non-Insulated

Type J

- Non-insulated



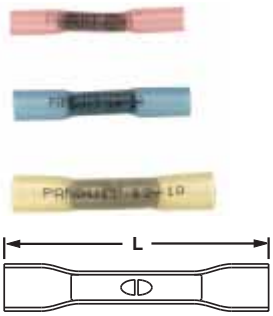
Part Number	Wire Range	Color Code	CMA Range Min.	CMA Range Max.	Figure Dimensions (In.) L	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
J214-312-T	(2) #14-(3) #12	—	5760	19590	.37	1/2	CT-100‡, CT-200‡	200	2000
J318-412-T	(3) #18-(4) #12	—	4860	27330	.37	1/2	CT-100‡, CT-200‡	200	2000
J216-410-L*	(2) #16-(4) #10	—	41600	41600	.62	3/4	CT-100‡, CT-200‡	50	500

*Part number J216-410, is not UL Listed or CSA Certified.
**To order in bulk, replace -T in the part number with -2M for a bulk package of 2000 and replace -L with -D for a bulk package of 500.
‡UL and CSA approved tooling/product combinations. For crimping tool information, see page D1.71.

Heat Shrink, Butt Splices

Type BSH

- Form a protective barrier that provides environmentally sealed terminations
- Provide excellent strain relief for improved crimp integrity
- After crimping, heat shrink insulation is activated with a standard heat gun or an open flame
- Adhesive lined heat shrink



Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
BSH18-Q	22-18 AWG	Red	.170	1.45	5/16	CT-310	25	125
BSH14-Q*	16-14 AWG	Blue	.190	1.45	5/16	CT-310	25	125
BSH10-E	12-10 AWG	Yellow	.240	1.64	5/16	CT-310	20	100

**Available in bulk, to order, replace -Q in the part number with -D for a bulk package of 500.
For crimping tool information, see page D1.72.

Metric Butt Splice, Vinyl Insulated

Type BSMV

- Expanded insulation
- Insulation support
- Internal wire stops
- Butted seam

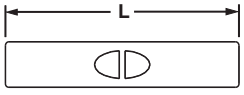
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
BSMV1BX-C**	.5-1.0	Red	4.3	26.6	CT-1551	100	500
BSMV2BX-C**	1.5-2.5	Blue	5.1	26.6	CT-1551	100	500
BSMV6X-L*	4.0-6.0	Yellow	6.4	30.0	CT-1551	50	250

*Brazed seam.
**Available in bulk, to order, replace -C in the part number with -M or -MY for a bulk package of 1000.
For crimping tool information, see page D1.72.

Metric Butt Splice, Non-Insulated

Type BSM

- Brazed seam
- Internal wire stops



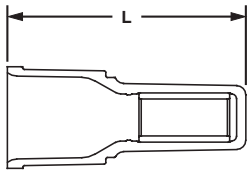
Part Number	Wire Range	Figure Dimensions (mm) L	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
BSM1-C	.5-1.0	15.7	CT-1570	100	500
BSM2-C	1.5-2.5	15.7		100	500
BSM6-L	2.5-6.0	1.60		50	250

For crimping tool information, see page D1.72.

Metric Wire Joints, Nylon Insulated

Type JMN

- Wire joints are used to crimp groups of wires
- Insulation support
- Fully pre-insulated to prevent shorting and shocks



Part Number	Wire Range	Color Code	CMA Range Min.	CMA Range Max.	Figure Dimensions (mm) L	Recommended Installation Tool	Std. Pkg. Qty.	Std. Ctn. Qty.
JMN2-C	.5-2.5	Clear	1284	5160	19.9	CT-1551	100	500
JMN6-C	.75-6.0	Clear	6480	14750	23.9	CT-1551	100	500

For crimping tool information, see page D1.72.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-TERM® FERRULES

PANDUIT® *PAN-TERM*® Ferrule end sleeves terminate stranded wire into terminal blocks with superior termination performance. A wide assortment of ferrule styles and tool designs provide a proven way to make reliable connections, especially for limited space applications. Insulation flare allows for ease of wire insertion and eliminates loose strands of wire. Encapsulated crimp contains loose wires to eliminate stray wire breakage.

- **Insulated single wire range of #26 – #1 AWG, sizes meets French and DIN color code standards**
- **Insulated twin wire end sleeve range of #22 – #10 AWG, sizes meets DIN color code standard**
- **Non-insulated wire range of #24 – #1 AWG**
- **Ideal for control panel and terminal block applications**
- **Wide assortment of controlled cycle, crimping tools for reliable connections at the lowest installed cost**

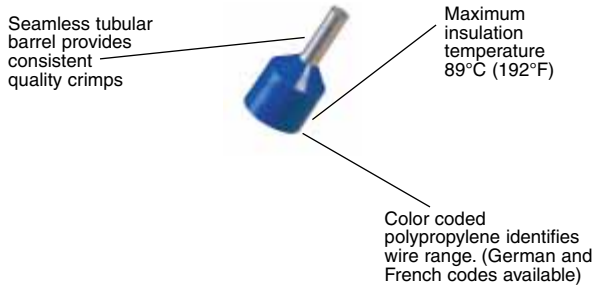
PANDUIT continually provides new designs to meet the application challenges encountered by our customers. *PANDUIT* offers a wide assortment of *PAN-TERM*® termination products to meet customer needs at the lowest installed cost.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

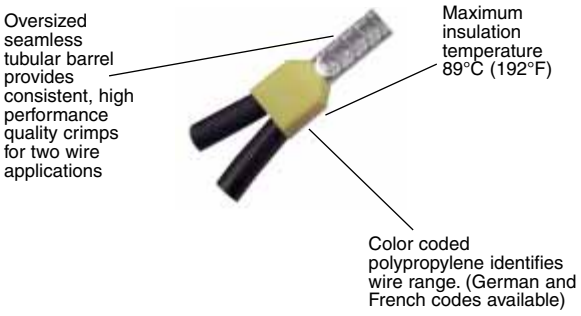
Features and Benefits – *PAN-TERM*® Ferrules

PANDUIT Ferrules are available for wiring applications from #26 AWG to #1 AWG. Offerings include insulated and non-insulated ferrules, in single-wire or double-wire configurations. Insulated ferrules are color coded to DIN or French standards.

Insulated Ferrules – Single Wire
Type FSF and FSD



Insulated Ferrules – Twin Wire
Type FTD



Non-Insulated Ferrules
Type F

PANDUIT provides a wide assortment of crimping tools for reliable connections at the lowest installed cost.

See page D1.73.

PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements.

See pages E1.1 – E2.30.

Selection Guide – *PAN-TERM*® Ferrules

Ferrules

Material	Style	Feature	Type	Page Number
Polypropylene	Ferrules, Single Wire	DIN Color Code	FSD	D1.64
	Ferrules, Single Wire	French Color Code	FSF	D1.65
	Ferrules, Twin Wire	DIN Color Code	FTD	D1.66
Non-Insulated	Ferrules	Seamless Tube	F	D1.66, D1.67

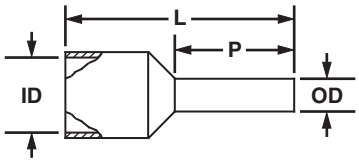
Part Number System for *PAN-TERM*® Ferrules

F	S	D	72	—	8
Type	Wire Type	Color Code	Wire Size		DIN/French Length
F = Ferrule	S = Single T = Twin Blank = Non-Insulated	D = DIN F = French			

Insulated Ferrules – Single Wire DIN End Sleeve

Type FSD

- Ease of wire insertion eliminates loose strands of wire
- Wire strands will not fray or spread
- No unwanted contacts when installing or removing the wire
- Maximizes a reliable electrical connection
- Encapsulated crimp eliminates stray wire breakage
- Great for limited space applications



Part Number	Wire Size AWG	Wire Size mm²	Color Code	Figure Dimensions (In.) L In.	L mm	P In.	P mm	ID In.	ID mm	OD In.	OD mm	Wire Strip Length In.	Wire Strip Length mm	Recommended Installation Tool	Std. Pkg. Qty.
FSD72-6-D	26 AWG	.14	Gray	.41	10.5	.24	6.0	.08	2.0	.05	1.3	3/8	9.5	CT-1002	500
FSD72-8-D				.49	12.5	.31	8.0	.08	2.0	.05	1.3	15/32	11.9		500
FSD73-6-D	24 AWG	.25	Yellow	.41	10.5	.24	6.0	.08	2.0	.05	1.3	3/8	9.5		500
FSD73-8-D				.49	12.5	.31	8.0	.08	2.0	.05	1.3	15/32	11.9		500
FSD74-6-D		.34	Turquoise	.41	10.5	.24	6.0	.08	2.0	.05	1.3	3/8	9.5		500
FSD74-8-D				.49	12.5	.31	8.0	.08	2.0	.05	1.3	15/32	11.9		500
FSD75-6-D	22 AWG	.50	White	.45	11.5	.24	6.0	.10	2.5	.06	1.4	3/8	9.5	CT-1002, CT-1003	500
FSD75-8-D				.53	13.5	.31	8.0	.10	2.5	.06	1.4	15/32	11.9		500
FSD75-10-D				.61	15.5	.39	10.0	.10	2.5	.06	1.4	17/32	13.5		500
FSD76-6-D	20 AWG	.75	Gray	.47	12.0	.24	6.0	.11	2.8	.06	1.6	3/8	9.5		500
FSD76-8-D				.55	14.0	.31	8.0	.11	2.8	.06	1.6	15/32	11.9		500
FSD76-10-D				.63	16.0	.39	10.0	.11	2.8	.06	1.6	17/32	13.5		500
FSD76-12-D				.71	18.0	.47	12.0	.11	2.8	.06	1.6	5/8	15.9		500
FSD77-6-D	18 AWG	1.00	Red	.49	12.5	.24	6.0	.12	3.0	.07	1.8	3/8	9.5		500
FSD77-8-D				.57	14.5	.31	8.0	.12	3.0	.07	1.8	15/32	11.9		500
FSD77-10-D				.65	16.5	.39	10.0	.12	3.0	.07	1.8	17/32	13.5		500
FSD77-12-D				.73	18.5	.47	12.0	.12	3.0	.07	1.8	5/8	15.9		500
FSD78-6-D	16 AWG	1.50	Black	.49	12.5	.24	6.0	.13	3.4	.08	2.1	3/8	9.5		500
FSD78-8-D				.57	14.5	.31	8.0	.13	3.4	.08	2.1	15/32	11.9		500
FSD78-10-D				.65	16.5	.39	10.0	.13	3.4	.08	2.1	17/32	13.5		500
FSD78-12-D				.73	18.5	.47	12.0	.13	3.4	.08	2.1	5/8	15.9		500
FSD78-18-D				.96	24.5	.71	18.0	.13	3.4	.08	2.1	7/8	22.2		500
FSD79-8-D	14 AWG	2.08	Yellow	.57	14.5	.31	8.0	.14	3.6	.09	2.4	15/32	11.9		500
FSD80-8-D		2.50	Blue	.59	15.0	.31	8.0	.17	4.2	.10	2.6	15/32	11.9		500
FSD80-12-D				.75	19.0	.47	12.0	.17	4.2	.10	2.6	5/8	15.9		500
FSD80-18-D				.98	25.0	.71	18.0	.17	4.2	.10	2.6	7/8	22.2		500
FSD81-10-D	12 AWG	4.00	Gray	.69	17.5	.39	10.0	.19	4.8	.13	3.3	17/32	13.5		500
FSD81-12-C				.79	20.0	.47	12.0	.19	4.8	.13	3.3	5/8	15.9		100
FSD81-18-C				1.02	26.0	.71	18.0	.19	4.8	.13	3.3	7/8	22.2		100
FSD82-12-C	10 AWG	6.00	Yellow	.79	20.0	.47	12.0	.24	6.2	.16	4.0	5/8	15.9		100
FSD82-18-C				1.02	26.0	.71	18.0	.24	6.2	.16	4.0	7/8	22.2		100
FSD83-12-C	8 AWG	10.0	Red	.83	21.0	.47	12.0	.30	7.5	.20	5.0	5/8	15.9	CT-1003, CT-1004	100
FSD83-18-C				1.06	27.0	.71	18.0	.30	7.5	.20	5.0	7/8	22.2		100
FSD84-12-C	6 AWG	16.0	Blue	.91	23.0	.47	12.0	.35	8.8	.25	6.4	5/8	15.9	CT-1004	100
FSD84-18-C				1.14	29.0	.71	18.0	.35	8.8	.25	6.4	7/8	22.2		100
FSD85-16-L	4 AWG	25.0	Yellow	1.14	29.0	.63	16.0	.43	11.0	.31	7.9	3/4	19.1	CT-1005	50
FSD85-18-L				1.22	31.0	.71	18.0	.43	11.0	.31	7.9	7/8	22.2		50
FSD85-22-L				1.38	35.0	.87	22.0	.43	11.0	.31	7.9	1	25.4		50
FSD86-16-L	2 AWG	35.0	Red	1.18	30.0	.63	16.0	.49	12.5	.35	8.9	3/4	19.1		50
FSD86-18-L				1.26	32.0	.71	18.0	.49	12.5	.35	8.9	7/8	22.2		50
FSD86-25-L				1.54	39.0	.98	25.0	.49	12.5	.35	8.9	1 1/8	28.6		50
FSD87-20-L	1 AWG	50.0	Blue	1.42	36.0	.79	20.0	.59	15.0	.44	11.1	15/16	23.8	CT-1006	50
FSD87-25-Q				1.61	41.0	.98	25.0	.59	15.0	.44	11.1	1 1/8	28.6		25

For crimping tool information, see page D1.73.

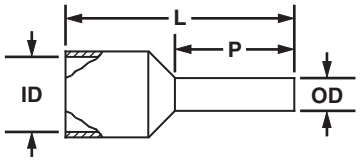
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Insulated Ferrules – Single Wire French End Sleeve

Type FSF

- Ease of wire insertion eliminates loose strands of wire
- Wire strands will not fray or spread
- No unwanted contacts when installing or removing the wire
- Maximizes a reliable electrical connection
- Encapsulated crimp eliminates stray wire breakage
- Great for limited space applications



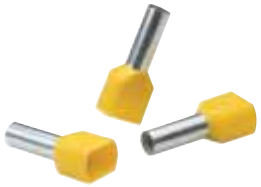
Part Number	Wire Size		Color Code	Figure Dimensions (In.)								Wire Strip Length		Recommended Installation Tool	Std. Pkg. Qty.
				L		P		ID		OD					
	AWG	mm²		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
FSF72-6-D	26 AWG	.14	Brown	.41	10.5	.24	6.0	.08	2.0	.05	1.3	3/8	9.5		500
FSF72-8-D				.49	12.5	.31	8.0	.08	2.0	.05	1.3	15/32	11.9		500
FSF73-6-D	24 AWG	.25	Violet	.41	10.5	.24	6.0	.08	2.0	.05	1.3	3/8	9.5	CT-1002	500
FSF73-8-D				.49	12.5	.31	8.0	.08	2.0	.05	1.3	15/32	11.9		500
FSF74-6-D		.34	Pink	.41	10.5	.24	6.0	.08	2.0	.05	1.3	3/8	9.5		500
FSF74-8-D				.49	12.5	.31	8.0	.08	2.0	.05	1.3	15/32	11.9		500
FSF75-6-D	22 AWG	.50	White	.45	11.5	.24	6.0	.10	2.5	.06	1.4	3/8	9.5		500
FSF75-8-D				.53	13.5	.31	8.0	.10	2.5	.06	1.4	15/32	11.9		500
FSF75-10-D				.61	15.5	.39	10.0	.10	2.5	.06	1.4	17/32	13.5		500
FSF76-6-D	20 AWG	.75	Blue	.47	12.0	.24	6.0	.11	2.8	.06	1.6	3/8	9.5		500
FSF76-8-D				.55	14.0	.31	8.0	.11	2.8	.06	1.6	15/32	11.9		500
FSF76-10-D				.63	16.0	.39	10.0	.11	2.8	.06	1.6	17/32	13.5		500
FSF76-12-D				.71	18.0	.47	12.0	.11	2.8	.06	1.6	5/8	15.9		500
FSF77-6-D	18 AWG	1.00	Red	.49	12.5	.24	6.0	.12	3.0	.07	1.8	3/8	9.5		500
FSF77-8-D				.57	14.5	.31	8.0	.12	3.0	.07	1.8	15/32	11.9		500
FSF77-10-D				.65	16.5	.39	10.0	.12	3.0	.07	1.8	17/32	13.5		500
FSF77-12-D				.73	18.5	.47	12.0	.12	3.0	.07	1.8	5/8	15.9		500
FSF78-6-D	16 AWG	1.50	Black	.49	12.5	.24	6.0	.13	3.4	.08	2.1	3/8	9.5		500
FSF78-8-D				.57	14.5	.31	8.0	.13	3.4	.08	2.1	15/32	11.9		500
FSF78-10-D				.65	16.5	.39	10.0	.13	3.4	.08	2.1	17/32	13.5		500
FSF78-12-D				.73	18.5	.47	12.0	.13	3.4	.08	2.1	5/8	15.9		500
FSF78-18-D				.96	24.5	.71	18.0	.13	3.4	.08	2.1	7/8	22.2		500
FSF79-8-D	14 AWG	2.08	Yellow	.57	14.5	.31	8.0	.14	3.6	.09	2.4	15/32	11.9		500
FSF80-8-D		2.50	Gray	.59	15.0	.31	8.0	.17	4.2	.10	2.6	15/32	11.9		500
FSF80-12-D				.75	19.0	.47	12.0	.17	4.2	.10	2.6	5/8	15.9		500
FSF80-18-D				.98	25.0	.71	18.0	.17	4.2	.10	2.6	7/8	22.2		500
FSF81-10-D	12 AWG	4.00	Orange	.69	17.5	.39	10.0	.19	4.8	.13	3.3	17/32	13.5		500
FSF81-12-C				.79	20.0	.47	12.0	.19	4.8	.13	3.3	5/8	15.9		100
FSF81-18-C				1.02	26.0	.71	18.0	.19	4.8	.13	3.3	7/8	22.2		100
FSF82-12-C	10 AWG	6.00	Green	.79	20.0	.47	12.0	.24	6.2	.16	4.0	5/8	15.9		100
FSF82-18-C				1.02	26.0	.71	18.0	.24	6.2	.16	4.0	7/8	22.2		100
FSF83-12-C	8 AWG	10.0	Brown	.83	21.0	.47	12.0	.30	7.5	.20	5.0	5/8	15.9	CT-1003, CT-1004	100
FSF83-18-C				1.06	27.0	.71	18.0	.30	7.5	.20	5.0	7/8	22.2		100
FSF84-12-C	6 AWG	16.0	White	.91	23.0	.47	12.0	.35	8.8	.25	6.4	5/8	15.9	CT-1004	100
FSF84-18-C				1.14	29.0	.71	18.0	.35	8.8	.25	6.4	7/8	22.2		100
FSF85-16-L	4 AWG	25.0	Black	1.14	29.0	.63	16.0	.43	11.0	.31	7.9	3/4	19.1		50
FSF85-18-L				1.22	31.0	.71	18.0	.43	11.0	.31	7.9	7/8	22.2		50
FSF85-22-L				1.38	35.0	.87	22.0	.43	11.0	.31	7.9	1	25.4		50
FSF86-16-L	2 AWG	35.0	Red	1.18	30.0	.63	16.0	.49	12.5	.35	8.9	3/4	19.1	CT-1005	50
FSF86-18-L				1.26	32.0	.71	18.0	.49	12.5	.35	8.9	7/8	22.2		50
FSF86-25-L				1.54	39.0	.98	25.0	.49	12.5	.35	8.9	1 1/8	28.6		50
FSF87-20-L	1 AWG	50.0	Blue	1.42	36.0	.79	20.0	.59	15.0	.44	11.1	15/16	23.8	CT-1006	50
FSF87-25-Q				1.61	41.0	.98	25.0	.59	15.0	.44	11.1	1 1/8	28.6		25

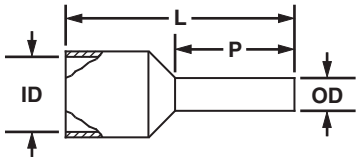
For crimping tool information, see page D1.73.

Insulated Ferrules – Twin Wire DIN End Sleeve

Type FTD

- Ease of wire insertion eliminates loose strands of wire
- Wire strands will not fray or spread
- No unwanted contacts when installing or removing the wire
- Maximizes a reliable electrical connection
- Encapsulated crimp eliminates stray wire breakage
- Great for limited space applications





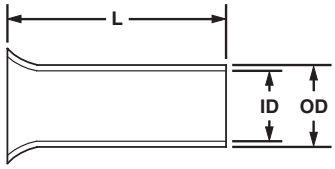
Part Number	Wire Size		Color Code	Figure Dimensions (In.)								Wire Strip Length		Recommended Installation Tool	Std. Pkg. Qty.
				L		P		ID		OD					
	AWG	mm²		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
FTD75-8-D	22 AWG	.50	White	.59	15.0	.31	8.0	.09	2.3	.07	1.8	7/16	11.2	CT-1002, CT-1003	500
FTD76-8-D	20 AWG	.75	Gray	.59	15.0	.31	8.0	.10	2.5	.08	2.1	7/16	11.2		500
FTD76-10-D				.67	17.0	.39	10.0	.10	2.5	.08	2.1	9/16	14.0		500
FTD77-8-D	18 AWG	1.00	Red	.59	15.0	.31	8.0	.12	3.0	.09	2.4	7/16	11.2		500
FTD77-10-D				.67	17.0	.39	10.0	.12	3.0	.09	2.4	9/16	14.0		500
FTD78-8-D	16 AWG	1.50	Black	.63	16.0	.31	8.0	.14	3.6	.10	2.6	7/16	11.2		500
FTD78-12-D				.79	20.0	.47	12.0	.14	3.6	.10	2.6	21/32	16.8		500
FTD80-10-TL	14 AWG	2.50	Blue	.73	18.5	.39	10.0	.16	4.1	.13	3.3	9/16	14.0		250
FTD80-13-TL				.85	21.5	.51	13.0	.16	4.1	.13	3.3	23/32	16.2		250
FTD81-12-C	12 AWG	4.00	Gray	.91	23.0	.47	12.0	.19	4.8	.17	4.2	21/32	16.8		100
FTD82-14-C	10 AWG	6.00	Yellow	.98	25.0	.55	14.0	.23	5.8	.20	5.0	25/32	19.6	CT-1003, CT-1004	100

For crimping tool information, see page D1.73.

Ferrules, Non-Insulated

Type F

- Ease of wire insertion eliminates loose strands of wire
- Wire strands will not fray or spread
- No unwanted contacts when installing or removing the wire
- Maximizes a reliable electrical connection
- Encapsulated crimp eliminates stray wire breakage
- Great for limited space applications



Part Number	Wire Size		Figure Dimensions (In.)						Wire Strip Length		Recommended Installation Tool	Std. Pkg. Qty.
			L		ID		OD					
	AWG	mm²	In.	mm	In.	mm	In.	mm	In.	mm		
F73-5-M	24 AWG	.25	.20	5.00	.03	.80	.04	1.1	7/32	5.00	CT-1002, CT-1003	1000
F73-7-M			.28	7.00	.03	.80	.04	1.1	9/32	7.0		1000
F74-5-M		.34	.20	5.00	.04	.90	.05	1.2	7/32	5.0		1000
F74-7-M			.28	7.00	.04	.90	.05	1.2	9/32	7.0		1000
F75-6-M	22 AWG	.50	.24	6.00	.04	1.0	.05	1.3	1/4	6.0	CT-1002, CT-1003	1000
F75-8-M			.31	8.00	.04	1.0	.05	1.3	5/16	8.0		1000
F75-10-M			.39	10.0	.04	1.0	.05	1.3	13/32	10.0		1000
F76-6-M	20 AWG	.75	.24	6.00	.05	1.2	.06	1.5	1/4	6.0		1000
F76-8-M			.31	8.00	.05	1.2	.06	1.5	5/16	8.0		1000
F76-10-M			.39	10.0	.05	1.2	.06	1.5	13/32	10.0		1000
F76-12-M			.47	12.0	.05	1.2	.06	1.5	15/32	12.0		1000

For crimping tool information, see page D1.73.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Ferrules, Non-Insulated (continued)

Part Number	Wire Size		Figure Dimensions (In.)						Wire Strip Length		Recommended Installation Tool	Std. Pkg. Qty.
			L		ID		OD					
	AWG	mm²	In.	mm	In.	mm	In.	mm	In.	mm		
F77-6-M	18 AWG	1.00	.24	6.00	.06	1.4	.07	1.7	1/4	6.0	CT-1002, CT-1003	1000
F77-7-M			.28	7.00	.06	1.4	.07	1.7	9/32	7.0		1000
F77-8-M			.31	8.00	.06	1.4	.07	1.7	5/16	8.0		1000
F77-10-M			.39	10.0	.06	1.4	.07	1.7	13/32	10.0		1000
F77-12-M			.47	12.0	.06	1.4	.07	1.7	15/32	12.0		1000
F78-7-M	16 AWG	1.50	.28	7.00	.07	1.7	.08	2.0	9/32	7.0	CT-1002, CT-1003	1000
F78-8-M			.31	8.00	.07	1.7	.08	2.0	5/16	8.0		1000
F78-10-M			.39	10.0	.07	1.7	.08	2.0	13/32	10.0		1000
F78-12-M			.47	12.0	.07	1.7	.08	2.0	15/32	12.0		1000
F78-15-M		1.00	.59	15.0	.07	1.7	.08	2.0	19/32	15.0		1000
F78-18-M			.71	18.0	.07	1.7	.08	2.0	23/32	18.0		1000
F78-20-M			.79	20.0	.07	1.7	.08	2.0	25/32	20.0		1000
F80-7-M	14 AWG	2.50	.28	70.0	.09	2.2	.09	2.3	9/32	7.0		1000
F80-8-M			.31	8.00	.09	2.2	.09	2.3	5/16	8.0		1000
F80-10-M			.39	10.0	.09	2.2	.09	2.3	13/32	10.0		1000
F80-12-M			.47	12.0	.09	2.2	.09	2.3	15/32	12.0		1000
F80-15-M			.59	15.0	.09	2.2	.09	2.3	19/32	15.0		1000
F80-18-M			.71	18.0	.09	2.2	.09	2.3	23/32	18.0		1000
F80-20-M			.79	20.0	.09	2.2	.09	2.3	25/32	20.0		1000
F81-9-M	12 AWG	4.00	.35	9.00	.11	2.8	.11	2.8	11/32	8.0		1000
F81-10-M			.39	10.0	.11	2.8	.11	2.8	13/32	10.0		1000
F81-12-M			.47	12.0	.11	2.8	.11	2.8	15/32	12.0		1000
F81-15-M			.59	15.0	.11	2.8	.11	2.8	19/32	15.0		1000
F81-18-M			.71	18.0	.11	2.8	.11	2.8	23/32	18.0		1000
F81-20-M			.79	20.0	.11	2.8	.11	2.8	25/32	20.0		1000
F82-10-M	10 AWG	6.00	.39	10.0	.14	3.5	.14	3.6	13/32	10.0		1000
F82-12-M			.47	12.0	.14	3.5	.14	3.6	15/32	12.0		1000
F82-15-M			.59	15.0	.14	3.5	.14	3.6	19/32	15.0		1000
F82-18-M			.71	18.0	.14	3.5	.14	3.6	23/32	18.0		1000
F82-20-M			.79	20.0	.14	3.5	.14	3.6	25/32	20.0		1000
F83-12-D	8 AWG	10.0	.47	12.0	.18	4.5	.18	4.6	15/32	12.0	CT-1003, CT-1004	500
F83-15-D			.59	15.0	.18	4.5	.18	4.6	19/32	15.0		500
F83-18-D			.71	18.0	.18	4.5	.18	4.6	23/32	18.0		500
F83-20-D			.79	20.0	.18	4.5	.18	4.6	25/32	20.0		500
F83-25-D			.98	25.0	.18	4.5	.18	4.6	31/32	25.0		500
F84-12-TL	6 AWG	16.0	.47	12.0	.23	5.8	.23	5.8	15/32	12.0	CT-1004	250
F84-15-TL			.59	15.0	.23	5.8	.23	5.8	19/32	15.0		250
F84-18-TL			.71	18.0	.23	5.8	.23	5.8	23/32	18.0		250
F84-20-TL			.79	20.0	.23	5.8	.23	5.8	25/32	20.0		250
F84-25-TL			.98	25.0	.23	5.8	.23	5.8	31/32	25.0		250
F84-32-TL			1.26	32.0	.23	5.8	.23	5.8	1 1/4	32.0		250
F85-12-C	4 AWG	25.0	.47	12.0	.29	7.3	.29	7.4	15/32	12.0	CT-1005	100
F85-15-C			.59	15.0	.29	7.3	.29	7.4	19/32	15.0		100
F85-18-C			.71	18.0	.29	7.3	.29	7.4	23/32	18.0		100
F85-25-C			.98	25.0	.29	7.3	.29	7.4	31/32	25.0		100
F85-32-C			1.26	32.0	.29	7.3	.29	7.4	1 1/4	32.0		100
F86-18-C	2 AWG	35.0	.71	18.0	.33	8.3	.33	8.4	23/32	18.0		100
F86-20-C			.79	20.0	.33	8.3	.33	8.4	25/32	20.0		100
F86-25-C			.98	25.0	.33	8.3	.33	8.4	31/32	25.0		100
F86-32-C			1.26	32.0	.33	8.3	.33	8.4	1 1/4	32.0		100
F87-18-C	1 AWG	50.0	.71	18.0	.41	10.3	.41	10.4	23/32	18.0	CT-1006	100
F87-22-C			.87	22.0	.41	10.3	.41	10.4	7/8	22.0		100
F87-25-C			.98	25.0	.41	10.3	.41	10.4	31/32	25.0		100
F87-32-C			1.26	32.0	.41	10.3	.41	10.4	1 1/4	32.0		100

For crimping tool information, see page D1.73.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Ferrule Assortment Kits

KP-F1 and KP-F2

KP-FSD1, KP-FSD2 and KP-FSD3

Part Number	Part Description	Std. Pkg. Qty.
KP-FSD1	Ferrule kit includes: #24 – #18 AWG Insulated DIN Ferrules. Case includes: 30 pieces each of FSD73-6, FSD74-6, FSD75-8, FSD76-8, and FSD77-8.	1
KP-FSD2	Ferrule kit includes: #22 – #14 AWG Insulated DIN ferrules. Case includes: 100 pieces each of FSD76-8, FSD77-8, FSD78-8 50 pieces each of FSD75-8 and FSD80-8.	1
KP-FSD3	Ferrule kit includes: #12 – #6 AWG Insulated DIN Ferrules. Case includes: 50 pieces of FSD81-10, 20 pieces each of FSD82-12 and FSD83-12, 10 pieces of FSD84-12.	1
KP-F1	Ferrule kit includes: #22 – #14 AWG Non-Insulated Ferrules. Case includes: 500 pieces of F75-6, 400 pieces each of F76-6 and F77-6, 300 pieces of F78-7, 200 pieces of F80-7.	1
KP-F2	Ferrule kit includes: #12 – #6 AWG Non-Insulated Ferrules. Case includes: 150 pieces of F81-9, 100 pieces of F82-10, 80 pieces of F83-12 and 40 pieces of F84-12.	1

*Ferrule kits do not include crimping tool.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Terminal Crimping Tools

PANDUIT offers a wide assortment of tools to provide solutions for installing terminals, disconnects, splices, ferrules and lugs. *PANDUIT* installation tools provide quality performance, ease of installation at the lowest installed cost. The long-term reliability of *PANDUIT* installation tools provides the highest level of service to meet customer requirements.

- **Ergonomic design to minimize operator effort**
- **Features crimping tools with a controlled cycle mechanism ensuring repeat reliability in every crimp**
- **Superior locator ensures proper location of the terminal barrel or insulated disconnect in the crimp pocket**
- **Battery powered, hydraulic tools with fingertip operation are available to meet a variety of installation needs**
- **UL Listed and CSA Certified tooling/product combinations, as noted**

PANDUIT terminal crimping tools are available in an assortment of styles to meet a variety of installation needs. The installer can control the crimp with the plier type hand operated crimping tool. Hand operated *Contour Crimp*™ Controlled Cycle Crimping Tools feature ergonomically designed cushioned grips with low handle effort. *PANDUIT* terminal crimping tools are designed for use with *PANDUIT* terminals, providing the right solution for your termination needs.

A. System Overview
B1. Cable Ties
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C2. Surface Raceway
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E1. Labeling System
E2. Labels
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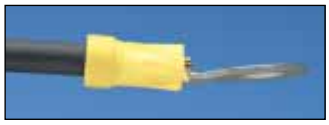
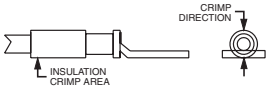
E4. Lockout/ Tagout & Safety Solutions
F. Index

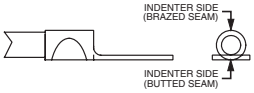
Crimping Guidelines for *PANDUIT*® *PAN-TERM*® Terminals, Disconnects, Splices and Wire Joints





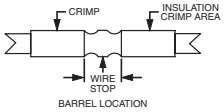
Insulated Terminals and Disconnects

1. Locate terminal in proper size crimp die with edge of die 1/16" from the tongue end of the insulation sleeve *(See Note 1 below)*. Ensure that crimp is perpendicular to the plane of the terminal tongue, as shown.
2. Insert properly stripped wire into terminal until a minimum of 1/32" of conductor extends beyond the terminal barrel.
3. Squeeze tool handles firmly *(See Note 2 below)*.
4. Provide second crimp in the insulation crimp area to close the insulation *(See Note 3 below)*.



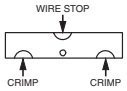
Non-Insulated Terminals and Disconnects

1. Locate terminal in proper crimp die with indenter centered on brazed barrel seam (for short locking forks, locate indenter opposite butted barrel seam). Ensure that crimp is perpendicular to the plane of the terminal tongue, as shown *(See Note 1 below)*.
2. Insert properly stripped wire into terminal until a minimum of 1/32" of conductor extends beyond the terminal barrel.
3. Squeeze tool handles firmly *(See Note 2 below)*.



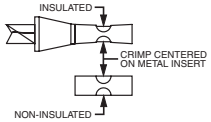
Insulated Butt Splices

1. Locate butt splice in proper size crimp die and position crimp pocket halfway between the wire stop (center of splice) and the wire stop end of the insulation crimp area, as shown *(See Note 4 below)*.
2. Insert properly stripped wire into one end of butt splice.
3. Squeeze tool handles firmly *(See Note 2 below)*.
4. Provide second crimp in the insulation crimp area to close the insulation *(See Note 3 below)*.
5. Repeat steps 1–4 for opposite end of butt splice.



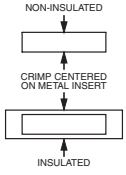
Non-Insulated Butt Splices

1. Locate butt splice in proper size crimp die and position crimp pocket halfway between the wire stop and the butt splice end, as shown.
2. Insert properly stripped wire into one end of the butt splice.
3. Squeeze tool handles firmly. *(See Note 2 below)*.
4. Repeat 1–3 for opposite end of butt splice.



Insulated and Non-Insulated Wire Joints

1. Properly strip wires, twist stripped wire ends together, and insert wires into wire joint.
2. Locate wire joint in proper crimp die and position crimp pocket in the center of the metal insert.
3. Squeeze tool handles firmly *(See Note 2 below)*.



Insulated and Non-Insulated Parallel Splices

1. Locate parallel splice in proper crimp die and position crimp pocket on the center of the metal insert.
2. Insert properly stripped wires into opposite ends of the splice so that the stripped portions of the wire overlap inside the metal insert.
3. Squeeze tool handles firmly *(See Note 2 below)*.

NOTES for Crimping with Hand Operated Controlled Cycle Crimping Tools:

1. *PANDUIT* controlled cycle crimping tools properly locate rings, forks, barrel insulated and non-insulated disconnects, pins, and blades. No further positioning is required.
2. Once a crimp has been started, the ratchet device of controlled cycle tools will not release until the crimp is complete, independent of operator expertise.
3. Controlled cycle tools provide the electrical crimp and the insulation closure in a single cycle of the tool.
4. When using controlled cycle tooling, insulated butt splices must be inserted from the back of the tool to ensure that the electrical and insulation closure crimp pockets are properly aligned with the splice.

Hand Operated Plier Type Tools

- Plier type crimp for #22 thru #10 terminal products.
- Versatile

CT-260

CT-200

CT-160

CT-100

Part Number	Part Description	Std. Pkg. Qty.
CT-260	Forged steel tool. Crimps insulated and non-insulated terminals. Cuts wire. (See crimp tool section of product charts.)	1
CT-200	Forged steel tool. Crimps most *PANDUIT* #18 – #10 AWG non-insulated terminals, disconnects and splices. Cuts wire. (See crimp tool section of product charts.)	1
CT-160	Crimps most *PANDUIT* #26 – #10 AWG insulated and non-insulated terminals disconnects and splices. Cuts three U.S. and three Metric screw sizes. Cuts and strips wire. Has insulation closure pocket. (See crimp tool section of product charts.)	1
CT-100	Crimps most *PANDUIT* #26 – #10 AWG insulated and non-insulated terminals, disconnects and splices. Cuts #4, #6, #8 and #10 screw sizes. Cuts and strips wire. Excellent all-around application tool of heat treated finished steel with comfortable cushioned plastic grip handles. (See crimp tool section of product charts.)	1

Reference crimping guidelines for *PAN-TERM*® Terminals, Disconnects, Splices and Wire Joints, see page D1.70.

Cable Stripping Tool for Small Cable Sizes

- Lightweight and durable
- Spring loaded handles
- Rust resistant coating
- Plastic coated handles
- Bright colored for ease of visibility

Part Number	Wire Range (O.D.)	Part Description	Std. Pkg. Qty.
CST115	#20 – #10 AWG	Plier nose wire stripper.	1

CONTOUR CRIMP™ Controlled Cycle Tools

- Specifically designed for the installation of *PAN-TERM*® terminals, disconnects and splices
- Low handle effort – increases productivity
- Superior crimp performance
- Reliable – backed by a two year warranty

CT-1525

CT-1550

CT-1551

CT-1570

CT- 1700

CT-1701

CT-1014

CT-1015

Part Number	Part Description	Std. Pkg. Qty.
CT-1525	Crimps *PANDUIT* #26 – #22 AWG insulated terminals and splices, #22 – #10 AWG fully insulated disconnects and insulated parallel splices. Crimps *PANDUIT* #22 – #14 AWG barrel insulated disconnects.	1
CT-1550	Crimps most *PAN-TERM*® #22 – #10 AWG nylon and vinyl insulated terminals, splices and disconnects. The CT-1550 has the red/blue pocket closest to the pivot which provides a reduced crimp effort for those who make red/blue terminations.	1
CT-1551	Crimps most *PAN-TERM*® #22 – #10 AWG nylon and vinyl insulated terminals, splices and disconnects. The CT-1551 has the yellow pocket closest to the pivot which provides a reduced crimp effort for those who make yellow terminations.	1
CT-1570	Crimps most *PAN-TERM*® #22 – #10 AWG and .5-6.0mm non-insulated terminals and disconnects. Crimps *PANDUIT* #22 – #10 AWG and .5-6.0mm non-insulated splices, and #10 AWG compression lugs.	1
CT-1700	Crimps *PANDUIT* #8 – #2 AWG non-insulated tubular terminals (S series), #8 – #1 AWG copper lugs and splices, #6 – #4 AWG aluminum lugs and splices and CTAPF copper taps for #14 – #3 AWG. Includes 5 position, color coded rotating die.	1
CT-1701	Crimps *PANDUIT* #10 – #2 AWG non-insulated large gauge ring terminal (P series). Crimps #8 – #1 AWG copper lugs and splices, and #6 – #4 AWG aluminum lugs and splices, and #14 – #3 AWG CTAPF copper taps. Includes 5 position rotating die.	1
CT-1014	Crimps *PANDUIT* #22 – #14 AWG loose piece *DISCO-LOK*™ disconnects.	1
CT-1015	Crimps *PANDUIT* #22 – #14 AWG loose piece *SUPRA-GRIP*™ disconnects.	1

For battery powered crimping tools, see Compression Connector Tools Selection Guide on pages D2.126 – D2.128.

Controlled Cycle Crimping Tools

Part Number	Part Description	Std. Pkg. Qty.
CT-300-1	Crimps *PANDUIT* #22 – #14 AWG fully insulated right angle disconnects. (DNFR-FIB series).	1
CT-310	Crimps *PANDUIT* #22 – #10 AWG heat shrink insulated terminals, disconnects and splices.	1

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Controlled Cycle Crimping Tools – Ferrule End Sleeve

CT-1002

CT-1003

CT-1004

CT-1005

CT-1006

Part Number	Part Description	Std. Pkg. Qty.
CT-1002	Crimps *PANDUIT* #26 – #10 AWG single vinyl insulated ferrules (DIN). #26 – #10 AWG single wire insulated ferrules (French). #22 – #12 AWG vinyl insulated dual-wire ferrules (DIN). #24 – #10 AWG non-insulated ferrules.	1
CT-1003	Crimps *PANDUIT* #22 – #8 AWG single wire insulated ferrules (DIN). #22 – #8 AWG single wire vinyl insulated ferrules (French). #22 – #10 AWG vinyl insulated dual-wire (DIN) ferrules. #22 – #10 AWG non-insulated ferrules.	1
CT-1004	Crimps *PANDUIT* #8 – #6 AWG single wire vinyl insulated ferrule (DIN). #8 – #6 AWG single wire vinyl insulated ferrules (French). #10 AWG vinyl insulated dual-wire (DIN) ferrule. #8 – #6 AWG non-insulated ferrules.	1
CT-1005	Crimps *PANDUIT* #4 – #2 AWG single wire vinyl insulated ferrule (DIN). #4 – #2 AWG single wire vinyl insulated ferrules (French). #4 – #2 AWG non-insulated ferrules.	1
CT-1006	Crimps *PANDUIT* #1 AWG single wire vinyl insulated ferrule (DIN) and (French) #1 AWG non-insulated ferrules.	1

Controlled Cycle Crimping Tools – In-Line

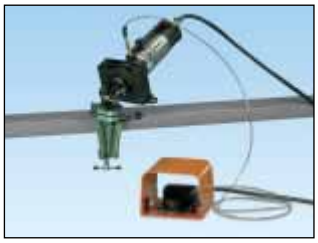
- Military specialty tools help meet military and nuclear test requirements
- In-line crimp action-for greater dielectric strength with uniform insulation compression
- Calibration-recalibration is possible for maintaining exact crimp dimensions

CT-400 and CT-460

Part Number	Part Description	Std. Pkg. Qty.
CT-400	Crimps #22 – #14 *PANDUIT* insulated terminals, disconnects and splices. Comes complete with carrying/storage case which includes tools for calibration. Has adjustable pre-load and emergency ratchet. Helps meet military and nuclear requirements.	1
CT-460	Crimps #16 – #10 *PANDUIT* insulated terminals, disconnects and splices. Has same features as CT-400 above.	1

Pneumatic Crimping Tool

- Quickly crimps a variety of loose piece terminals in a variety of wire sizes for medium volume production
- Versatile interchangeable crimping heads let you switch terminal types quickly to meet changing production requirements. This tool, when used with only four crimp heads, can crimp a full range of #26 thru #10 AWG insulated and non-insulated terminal products
- Portable – the small size, ease of bench mounting and quick pneumatic connection allow the tool to be moved from one work station to another or to the work itself



Part Number	Part Description	Std. Pkg. Qty.
CT-600	Pneumatic tool, 6 ft. air hose and carrying case. Does not include crimping heads (ordered separately).	1
CT-500CH	Crimping head for most #22 – 14 insulated terminals, splices and disconnects.	1
CT-520CH	Crimping head for most #22 – 14 insulated butted seam disconnects and #26 – 22 insulated terminals.	1
CT-550CH	Crimping head for most #22 – 10 insulated terminals and splices.	1
CT-570CH	Crimping head for #22 – 10 non-insulated terminals, splices and disconnects.	1
PD-600	Positioning device (for bench mounting of CT-600).	1
FPC-600	Foot actuator operating air pressure: 80 – 100 psi .233 SCFM type of air: lubricated. Recommend using Norgren (Brand) #FLR222-012-043008 filter lubricator regulator.	1

For proper crimp head selection, see the Tooling Selection Guide for *PANDUIT* Terminals, Splices and Disconnects on pages D1.76 – D1.78, in this catalog.

Die Type, Manual, Crimping Tool

- High quality, durable tool construction provides long term dependability
- Develops 6 tons of crimping force, crimps copper compression lugs and splices up to 500 kcmil
- Provides UL Listed and CSA Certified connections on *PANDUIT* copper and aluminum lugs and splices and insulated terminals
- Cushioned grips prevent hands from slipping on tool and reduces fatigue
- Uses single retention screw for fast and easy die change-over
- Uses color coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels to provide post crimp inspection
- Available with or without controlled cycle feature to meet specific applications

Part Number	Part Description	Std. Pkg. Qty.
CT-720	Manual crimping tool for UL Listed or Recognized and CSA Certified terminations of *PANDUIT*® *Pan-Lug*™ copper compression lugs and splices for #8 AWG – 500 kcmil copper code conductor and aluminum compression lugs and splices for #6 AWG – 350 kcmil copper and aluminum code conductors. Provides UL Listed terminations of *PANDUIT*® *Pan-Term*® #8 – #2 AWG vinyl insulated terminals. Color coded CD-720 crimping dies, carrying/storage case and controlled cycle mechanism must be purchased separately. Specifications: Output: 6 tons Weight: 7.7 lbs. Length: 26" Handle span: 58" (open), 2.5" (closed) Warranty: 90 days	1
CC-720	Optional controlled cycle mechanism only. Total weight of tool with CC-720 is 8.25 lbs.	1
C-720	Steel carrying case for CT-720 crimping tool.	1

For battery powered crimping tools, see Compression Connector Tools Selection Guide on pages D2.126 – D2.128.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

CD-720 Crimping Dies

- Color coded for easy matching to color coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection except CD-720PV8-2
- Part number permanently marked on crimping die for easy identification
- Provides 5-sided crimp results in terminations with premium electrical and mechanical performance

CD-720PV8-2

Part Number	Used to Install *PANDUIT* Compression Lug & Splice Sizes				Std. Pkg. Qty.
	Copper Conductor Size	Copper Die Color & Die No.	Aluminum Conductor Size	Aluminum Die Color & Die No.	
CD-720-1	#8 – #2 AWG	Red P21, Blue P24, Gray P29, Brown P33	#6 AWG	Gray P29	1
CD-720-2	#1 – 3/0 AWG	Green P37, Pink P42, Black P45, Orange P50	#4 – 1/0 AWG	Green P37, Pink P42, Gold P45, Tan P50	1
CD-720-3	4/0 AWG – 250 kcmil	Purple P54, Yellow P62	2/0 – 3/0 AWG	Olive P54, Ruby P62	1
CD-720-4	300 kcmil	White P66	4/0 AWG	White P66	1
CD-720-5	350 kcmil	Red P71	250 kcmil	Red P71	1
CD-720-6	400 kcmil	Blue P76	300 kcmil	Blue P76	1
CD-720-7	500 kcmil	Brown P87	350 kcmil	Brown P87	1
CD-720PV8-2	#8 – #2 AWG, vinyl insulated *PAN-TERM®* Terminals	Red, Blue, Yellow	—	—	1

See pages D2.149 – D2.186 for connector and tool selection information.

Tooling Selection Guide for *PANDUIT* Terminals, Splices and Disconnects

				See Crimping Tools Tab – Section D																				
				Plier Tools				Controlled Cycle Hand Tools												Crimp Heads for Pneumatic CT-600 Tool				Mechanical
***PANDUIT* Terminal Series**	**Terminal Description**	**Std. Wire Range (AWG)**	**Wire Strip Length (In.) [+1/32;-0]**	**CT-100**	**CT-160**	**CT-200**	**CT-260**	**CT-300-1**	**CT-310**	**CT-400**	**CT-460**	**CT-1014**	**CT-1015**	**CT-1525**	**CT-1550**	**CT-1551**	**CT-1570**	**CT-1701**	**CT-500CH**	**CT-520CH**	**CT-550CH**	**CT-570CH**	**CT-720**
BS	Non-Insulated Butt Splices	26-22	1/4	X		X																	
		22-18	9/32	X	X	X	X										X					X	
		16-14	9/32	X	X	X	X										X					X	
		12-10	9/32	X	X	X	X										X	X				X	
BSH	Heat Shrink Splices	22-18	5/16						X														
		16-14	5/16						X														
		12-10	5/16						X														
BSN	Nylon Insulated Butt Splices	26-22	1/4	X										X						X			
		22-18	9/32	X	X		X			X					X	X			X				
		16-14	9/32	X	X		X			X	X				X	X			X				
		12-10	9/32	X	X		X				X				X	X					X		
BSV	Vinyl Insulated Butt Splices	22-18	5/16	X	X		X			X					X	X			X		X		
		16-14	5/16	X	X		X			X	X				X	X			X		X		
		12-10	5/16	X	X		X				X				X	X					X		
D, DR	Non-Insulated Sleeved Barrel Disconnects (Includes Right Angle Disconnect)	22-18	9/32	X	X	X	X										X					X	
		16-14	9/32	X	X	X	X										X					X	
		12-10	9/32	X	X	X	X										X	X				X	
D-M	Non-Insulated Male Blade Adapters	22-18	9/32	X	X	X	X										X					X	
		16-14	9/32	X	X	X	X										X					X	
D-M	Non-Insulated Male Disconnect	12-10	9/32	X		X	X										X	X				X	
D-MB, DR-B	Non-Insulated Right Angle Female Disc. & Non-Insulated Male Butted Seam Disc.	22-18	9/32	X																			
		16-14	9/32	X		X																	
DNF	Nylon, Funnel Entry, Barrel Insulated Disconnect (not .110/.111)	22-18	9/32	X	X		X			X									X				
		16-14	9/32	X	X		X			X	X				X	X			X		X		
DNF-110, DNF-111	Nylon, Funnel Entry Barrel Insulated Disconnect, .110/.111 Tab Size	22-18	7/32	X										X					X	X			
		16-14	9/32	X	X										X	X							
DNF-FI	Nylon, Fully Insulated Disconnect	22-18	9/32	X	X		X							X	X	X			X		X		
		16-14	9/32	X	X		X								X	X			X		X		
		12-10	3/8	X	X		X				X				X	X					X		
DPF-FI	Premium Nylon, Fully Insulated Disconnect	12-10	3/8	X	X		X				X				X	X					X		
DNF-FIB, DNF-FIM, DNF-FIMB, DPF-FIB, DPF-FIMB, DNF-LPB, DPF-LPB	Nylon & Premium Grade Nylon, Fully Insulated, Funnel Entry, Male/Female Couplers (not .110/.111)	22-18	9/32	X										X						X			
		16-14	9/32	X										X						X			
		12-10	3/8																				
DNF-FIB, DPF-FIB	Nylon & Premium Grade Nylon, Fully Insulated, Funnel Entry Disconnect, 110/.111 Tab Size	22-18	7/32											X						X			
DNF-FIBX	Nylon, Expanded Wire Entry, Fully Insulated	22-18	9/32	X										X									
		16-14	9/32	X																			

Tooling Selection Guide for *PANDUIT* Terminals, Splices and Disconnects (continued)

PANDUIT Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.) [+1/32;-0]	See Crimping Tools Tab – Section D: Plier Tools CT-100	CT-160	CT-200	CT-260	Controlled Cycle Hand Tools CT-300-1	CT-310	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	Crimp Heads for Pneumatic CT-600 Tool CT-500CH	CT-520CH	CT-550CH	CT-570CH	Mechanical CT-720
DNF-M	Nylon Insulated, Funnel Entry, Barrel Insulated, Male Disconnects	22-18	9/32	X															X		X		
		16-14	9/32	X	X		X			X					X	X			X		X		
		12-10	9/32	X	X		X			X	X				X	X					X		
		16-14	11/32	X			X				X				X	X							
DNFR-B	Nylon Pre-Insulated, Right Angle Disconnects	22-18	9/32	X										X									
		16-14	9/32	X										X									
DNFR-FIB	Nylon Butted Seam, Right Angle Disconnects	22-18	11/32					X															
		16-14	11/32					X															
DNG-FB	*Supra Grip*™ Nylon, Fully Insulated Disc., (Except DNG14-187FB & DNG14-188FB)	22-18	1/4										X										
		16-14	1/4										X										
DNG-FL	*Disco-Lok*™ Nylon, Fully Insulated Disconnects	22-18	1/4									X											
		16-14	1/4									X											
DNH	Heat Shrink Disconnects	22-18	9/32						X														
		16-14	9/32						X														
		12-10	9/32						X														
DV	Vinyl Barrel Insulated Sleeved Disconnects	12-10	9/32	X											X	X					X		
DV-B	Vinyl Insulated, Butted Seam Disconnects	22-18	9/32	X										X						X			
		16-14	9/32	X										X						X			
DV-M	Vinyl Barrel Insulated Male Blade Adapters	22-18	9/32	X	X		X			X					X	X			X		X		
		16-14	9/32	X	X		X			X	X				X	X			X		X		
DV-M	Vinyl Insulated Male Disconnects	12-10	9/32	X			X														X		
DV-MB	Vinyl Insulated Butted Seam Male Disconnects	22-18	9/32	X	X		X			X					X	X			X		X		
		16-14	9/32	X	X		X			X	X				X	X			X		X		
DV-P	Vinyl Insulated Piggyback Disconnects	22-18	1/4	X	X		X								X	X			X		X		
		16-14	1/4	X	X		X								X	X			X		X		
DVF	Vinyl Funnel Entry Barrel Insulated Female Disconnect	22-18	9/32	X			X								X	X			X		X		
		16-14	9/32	X			X								X	X			X		X		
J	Non-Insulated Wire Joints																						
	J214-312	18-12	1/2	X		X																	
	J318-412	18-10	1/2	X		X																	
	J216-410	16-10	3/4			X																	
JN	Nylon Insulated Wire Joints																						
	JN224-318	24-14	7/16	X	X		X			X					X	X			X		X		
	JN218-216	22-14	7/16	X	X					X					X	X			X		X		
	JN418-212	18-12	1/2	X	X						X				X	X					X		
	JN314-412	16-10	5/8		X																		
P-HDR	Non-Insulated Heavy Duty Rings	16-12	9/32	X	X	X	X										X	X				X	
P-P	Non-Insulated Pin Terminals	22-18	9/32	X	X	X	X										X					X	
		16-14	9/32	X	X	X	X										X					X	
		12-10	9/32	X	X	X	X										X	X				X	
P-R	Non-Insulated Large Ring Terminals	8	3/8															X					
		6	7/16															X					
		4	1/2															X					
		2	1/2															X					

Tooling Selection Guide for *PANDUIT* Terminals, Splices and Disconnects (continued)

				See Crimping Tools Tab – Section D																			
				Plier Tools				Controlled Cycle Hand Tools											Crimp Heads for Pneumatic CT-600 Tool				Mechanical
***PANDUIT* Terminal Series**	**Terminal Description**	**Std. Wire Range (AWG)**	**Wire Strip Length (In.) [+1/32;-0]**	**CT-100**	**CT-160**	**CT-200**	**CT-260**	**CT-300-1**	**CT-310**	**CT-400**	**CT-460**	**CT-1014**	**CT-1015**	**CT-1525**	**CT-1550**	**CT-1551**	**CT-1570**	**CT-1701**	**CT-500CH**	**CT-520CH**	**CT-550CH**	**CT-570CH**	**CT-720**
P-R, P-F, P-LF, P-SLF, P-FF	Non-Insulated Rings, Forks, Locking Forks, Short Locking Forks, Flanged Forks	26-22	3/16	X		X																	
		22-18	9/32	X	X	X	X										X					X	
		16-14	9/32	X	X	X	X										X					X	
		12-10	9/32	X	X	X	X										X	X				X	
P-RHT6	High Temperature Rings	22-18	9/32	X	X	X	X										X					X	
		16-14	9/32	X	X	X	X										X					X	
		12-10	9/32	X	X	X	X										X	X				X	
PH	Heat Shrink Terminals	22-18	5/16						X														
		16-14	5/16						X														
		12-10	5/16						X														
PN-R, PN-RX, PN-F, PN-LF, PN-FF, PNF-R, PNF-F, PNF-LF	Nylon & Nylon Funnel Entry Forks, Locking Forks, Flanged Forks (includes Expanded Insulation)	26-22	3/16	X										X						X			
		22-18	7/32	X	X		X			X					X	X			X		X		
		16-14	7/32	X	X		X			X	X				X	X			X		X		
		12-10	9/32	X	X		X				X				X	X					X		
PN-HDR, PN-HDRX	Nylon Insulated Heavy Duty & Nylon Expanded Insulated Heavy Duty Rings	16-12	9/32								X				X	X					X		
PN-SLF, PNF-SLF	Nylon Insulated Short Locking Forks	22-18	7/32							X					X	X			X		X		
		16-14	7/32							X	X				X	X			X		X		
		12-10	9/32								X				X	X					X		
PS	Non-Insulated Parallel Splices	22-18	5/16	X		X	X																
		20-16	5/16	X		X	X																
		14-12	7/16	X		X	X																
PSN	Nylon Insulated Parallel Splices	22-18	5/16											X									
		20-16	5/16	X	X		X							X									
		14-12	7/16																				
PK-R	KYNAR▪ Rings	22-18	7/32	X	X		X			X					X	X			X		X		
		16-14	7/32	X	X		X			X	X				X	X			X		X		
		12-10	9/32	X	X		X				X				X	X					X		
PV-HDR, PV-HDRX	Vinyl Insulated Heavy Duty Rings	16-12	5/16								X				X	X					X		
PV-LF, PV-LFX	Vinyl Insulated Locking Forks (includes Expanded Insulation)	22-18	5/16	X	X		X			X					X	X			X		X		
		16-14	5/16	X	X		X			X	X				X	X			X		X		
		12-10	5/16	X	X		X				X				X	X					X		
PV-P	Vinyl Insulated Pin Terminals	22-18	5/16	X	X		X			X					X	X			X		X		
		16-14	5/16	X	X		X			X	X				X	X			X		X		
		12-10	5/16	X	X		X				X				X	X					X		
PV-R, PV-F, PV-FF, PV-RX, PV-FX	Vinyl Insulated Rings & Forks (includes Expanded Insulation)	26-22	3/16	X										X						X			
		22-18	5/16	X	X		X			X					X	X			X		X		
		16-14	5/16	X	X		X			X	X				X	X			X		X		
		12-10	5/16	X	X		X				X				X	X					X		
PV-R, PV-RX	Vinyl Insulated Large Ring Terminals	8	3/8																				X‡
		6	7/16																				X‡
		4	1/2																				X‡
		2	1/2																				X‡
PV-SLF	Vinyl Insulated Short Locking Forks	22-18	5/16							X					X	X			X		X		
		16-14	5/16							X	X				X	X			X		X		
		12-10	5/16								X				X	X					X		

▪KYNAR is a registered trademark of Atofina Chemicals, Inc.
‡Use Die CD-720PV8-2.

Tooling Selection Guide for *PANDUIT* Tubular Ring Terminals

	See Crimping Tools Tab – Section D				
Tooling	**CT-1700**	**CT-720**	**CT-930, CT-930CH, CT-920, CT-920CH, CT-2920, CT-940CH**	**CT-980, CT-980CH, CT-2950, CT-2980**	**CT-2001**
***PANDUIT* Part Number**	***PANDUIT* Die Part Number Die Index Number (Number of Crimps)**				
S8-10R-Q **S8-14R-Q** **S8-56R-Q** **S8-38R-Q**	P21 (2)	CD-720-1 P21 (1)	CD-920-8 P21 (1)	—	CD-2001-8 P21 (1)
S6-10R-E **S6-14R-E** **S6-56R-E** **S6-38R-E**	P24 (2)	CD-720-1 P24 (1)	CD-920-6 P24 (1)	—	CD-2001-6 P24 (1)
S4-10R-E **S4-14R-E** **S4-56R-E** **S4-38R-E**	P29 (2)	CD-720-1 P29 (1)	CD-920-4 P28 (1)	STD (1)	CD-2001-4 P29 (1)
S2-10R-X **S2-14R-X** **S2-56R-X** **S2-38R-X** **S2-12R-X**	P37 (3)	CD-720-2 P37 (1)	CD-920-1 P37 (1)	STD (1)	CD-2001-1 P37 (1)
S1/0-14R-X **S1/0-56R-X** **S1/0-38R-X** **S1/0-12R-X**	—	CD-720-2 P42 (1)	CD-920-1/0 P42 (1)	STD (1)	CD-2001-1/0 P42 (1)
S2/0-14R-X **S2/0-56R-X** **S2/0-38R-X** **S2/0-76R-X** **S2/0-12R-X**	—	CD-720-2 P45 (2)	CD-920-2/0 P45 (1)	STD (1)	CD-2001-2/0 P45 (2)
S3/0-14R-5 **S3/0-56R-5** **S3/0-38R-5** **S3/0-76R-5** **S3/0-12R-5**	—	CD-720-2 P50 (2)	CD-920-3/0 P50 (1)	STD (1)	CD-2001-3/0 P50 (2)
S4/0-38R-5 **S4/0-76R-5** **S4/012R-5**	—	CD-720-3 P54 (2)	CD-920-4/0 P54 (1)	STD (1)	CD-2001-4/0 P54 (2)
S250-56R-5 **S250-38R-5** **S250-76R-5** **S250-12R-5**	—	CD-720-3 P62 (2)	CD-920-250 P62 (1)	STD (1)	CD-2001-250 P62 (2)

Tooling Selection Guide for *PANDUIT* Ferrules

					See Crimping Tools Tab – Section D				
					Controlled Cycle Hand Tools				
***PANDUIT* Part Number**	**Ferrule Description**	**Wire Range (AWG)**	**Wire Range (mm²)**	**Wire Strip Length**	**CT-1002**	**CT-1003**	**CT-1004**	**CT-1005**	**CT-1006**
F	Non-Insulated Ferrules	24-18	.25-1.00	Please See Ferrule Tables — Pgs. D1.64-D1.67	X	X			
		16-14	1.50-2.00		X	X			
		12-10	4.00-6.00		X	X			
		8-6	10.0-16.0			X	X		
		4-2	25.0-35.0					X	
		1	50.0						X
FSD, FSF	Insulated Single Wire Ferrules (DIN or French color code)	26-18	.41-1.00		X	X			
		16-14	1.50-2.00		X	X			
		12-10	4.00-6.00		X	X			
		8-6	10.0-16.0			X	X		
		4-2	25.0-35.0					X	
		1	50.0						X
FTD	Insulated Twin Wire Ferrules	22-18	.50-1.00		X	X			
		16-14	1.50-2.00		X	X			
		12-10	4.00-6.00			X	X		

Technical Specification and Selection Information

The following pages provide information helpful in specifying *PANDUIT* Power and Grounding Connectors and selecting the appropriate connector and tooling for your applications.

PANDUIT Terminal Approvals

Logo (Symbol)	Agency	Spec/Approval	Requirement	Applicable Products
UL LISTED	Underwriters Laboratories, Inc.	#E52164 – UL486A	Minimum Tensile Strength (Pull out force for the crimp terminal) and test current for Max. 50°C Rise (Amps)	All Ring and Fork Terminals
		#E78522 – UL310	Minimum Tensile Strength (Pull out force for the crimp terminal) and continuous test current for Max. 30°C Rise (Amps) (for .187", .205", .250" tab widths) and (.110", tab width)	All Disconnects
		#E52164 – UL486C	Minimum Tensile Strength (Pull out force for the crimp terminal) and test current for Max. 50°C Rise (Amps)	All Splices
CSA CERTIFIED	Canadian Standards Association	#LR31212 – C22.2 No. 65	Minimum Tensile Strength (Pull out force for the crimp terminal) and test current for Max. 50°C Rise (Amps)	All Ring and Fork Terminals
		#LR31212 – C22.2 No. 153		All Disconnects

Performance Requirements

	Wire Size (AWG)								
	#26	#24	#22	#20	#18	#16	#14	#12	#10
UL 486A (TERMINALS), UL310 (MALE BLADE ADAPTERS)									
Test Current for Max. 50°C Rise (Amps)	3.5	7	9	12	17	18	30	35	50
Min. Tensile Strength* (Lbs.)	3	5	8	13	20	30	50	70	80
UL 486C (SPLICES)									
Test Current for Max. 50°C Rise (Amps)	5.5	7	9	12	17	18	30	35	50
Min. Tensile Strength* (Lbs.)	3	5	8	10	10	15	25	35	40

*Pull-out force of the crimped terminal.

Applicable *PAN-TERM*® products meet or exceed the following test specifications:

- UL486A (Terminals)
- UL486C (Splices)
- UL310 (Blade Adapters)
- CSA C22.2 No. 65 (all designs)

UL and CSA approved products are shown with the applicable logos in the product section.
UL file #E52164, CSA File #LR31212

	Wire Size (AWG)						
	#22	#20	#18	#16	*#14	#12	#10
UL310 (DISCONNECTS)							
Continuous Test Current for Max. 30°C Rise (amps) (for 187", 205", 250" tab widths)	3	4	7	10	15	20	24
Continuous Test Current for Max. 30°C Rise (amps) (for .110", tab width)	2	3	4	5	Not Applicable		
Min. Tensile Strength* (Lbs.)	8	13	20	30	50	70	80

*Pull-out force of the crimped disconnect.

Applicable *PAN-TERM*® products meet or exceed the following test specifications:

- UL310 (Disconnects)
- CSA C22.2 No. 153 (all designs)

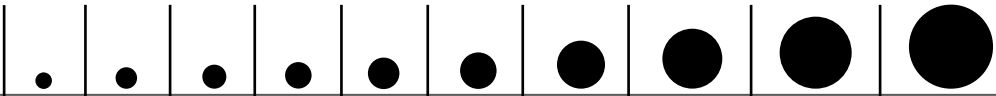
UL and CSA Listed products are shown with the applicable logos in the product section.
UL file #E78522 and CSA file #LR31212.

Equivalent Tables

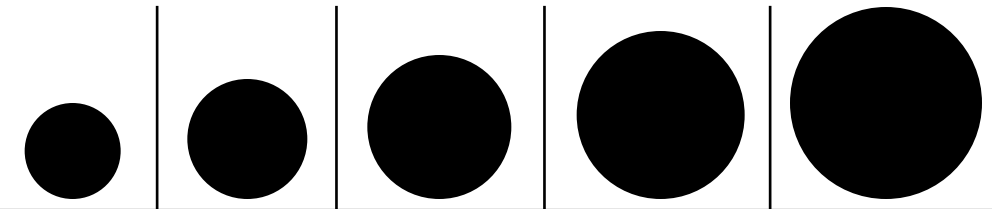
Decimal/Inches/Millimeters

1/64	.0156	0,396
1/32	0.312	0,792
3/64	.0468	1,189
1/16	.0625	1,588
5/64	.0781	1,984
3/32	.0937	2,380
7/64	.1093	2,779
1/8	.125	3,175
9/64	.1406	3,571
5/32	.1562	3,968
11/64	.1718	4,366
3/16	.1875	4,763
13/64	.2031	5,159
7/32	.2187	5,555
15/64	.2343	5,954
1/4	.25	6,350
17/64	.2656	6,746
9/32	.2812	7,143
19/64	.2968	7,541
5/16	.3125	7,938
21/64	.3281	8,337
11/32	.3437	8,730
23/64	.3593	9,129
3/8	.375	9,525
25/64	.3906	9,921
13/32	.4062	10,317
27/64	.4218	10,716
7/16	.4375	11,113
29/64	.4531	11,509
15/32	.4687	11,905
31/64	.4843	12,304
1/2	.5	12,700
33/64	.5156	13,100
17/32	.5312	13,492
35/64	.5468	13,891
9/16	.5625	14,288
37/64	.5781	14,684
19/32	.5937	15,080
39/64	.6093	15,479
5/8	.625	15,875
41/64	.6406	16,271
21/32	.6562	16,667
43/64	.6718	17,066
11/16	.6875	17,463
45/64	.7031	17,859
23/32	.7187	18,255
47/64	.7343	18,654
3/4	.75	19,050
49/64	.7656	19,446
25/32	.7812	14,842
51/64	.7968	20,241
13/16	.8125	20,637
53/64	.8281	21,034
27/32	.8437	21,480
55/64	.8593	21,828
7/8	.875	22,225
57/64	.8906	22,620
29/32	.9062	23,017
59/64	.9218	23,416
15/16	.9375	23,810
61/64	.9531	24,208
31/32	.9687	24,605
63/64	.9843	25,001
1	1.	25,400

Stud Size Chart (Inches)



Standard Stud Size	#2	#4	#5	#6	#8	#10	1/4"	5/16"	3/8"	7/16"
Stud Size Decimal Equivalent	.086"	.112"	.127"	.138"	.164"	.190"	.250"	.312"	.375"	.438"
Terminal Hole Diameter	.090"	.118"	.127"	.146"	.173"	.204"	.270"	.343"	.392"* .406"**	.456"
Stud Size Designation in *PANDUIT* Part Number	2	4	5	6	8	10	14	56	38	76



Standard Stud Size	1/2"	5/8"	3/4"	7/8"	1"
Stud Size Decimal Equivalent	.500"	.625"	.750"	.875"	1.00"
Terminal Hole Diameter	.531"	.656"	.810"	.906"	1.031"
Stud Size Designation in *PANDUIT* Part Number	12	58	34	78	1

*Terminal Stud.
**Power Connector Stud.

Common Conductor Sizes and Strandings Reference Chart

Conductor		Individual Strands			Overall Conductor Size			Conductor		Individual Strands			Overall Conductor Size		
			Diameter		Diameter		Area				Diameter		Diameter		Area
AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. MILS	AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. MILS
	0.05	25	.05	.002	.25	.010	97			19	.25	.010	1.30	.051	1841
	0.06	41	.05	.002	.36	.014	159		1.0	1	1.13	.044	1.13	.044	1979
		10	.13	.005	.53	.021	250			32	.20	.008	1.30	.051	1984
26		1	.41	.016	.41	.016	256			7	.43	.017	1.30	.051	2006
		7	.16	.006	.48	.019	278			19	.29	.011	1.47	.058	2426
		19	.10	.004	.51	.020	304			65	.16	.006	1.50	.059	2580
		41	.08	.003	.58	.023	384	16		*26	.25	.010	1.50	.059	2600
		10	.16	.006	.58	.023	397			1	1.30	.051	1.30	.051	2601
24		1	.51	.020	.51	.020	400			105	.13	.005	1.50	.059	2625
		7	.20	.008	.61	.024	448			*7	.51	.020	1.52	.060	2828
		19	.13	.005	.61	.024	475			30	.25	.010	1.70	.067	2906
	0.25	65	.07	.003	.65	.026	484			21	.30	.012	1.60	.063	2930
		128	.05	.002	.65	.026	496		1.5	189	.10	.004	1.90	.075	2930
		32	.10	.004	.65	.026	496			7	.52	.020	1.60	.063	2934
		14	.16	.006	.65	.026	556			1	1.38	.054	1.38	.054	2952
		1	.64	.025	.64	.025	625			45	.16	.006	1.85	.073	3786
		16	.16	.006	.76	.030	635			19	.36	.014	1.85	.073	3831
22		26	.13	.005	.76	.030	650	14		1	1.63	.064	1.63	.064	4096
		7	.25	.010	.76	.030	700			*41	.25	.010	1.85	.073	4100
		19	.16	.006	.79	.031	754			*7	.64	.025	1.85	.073	4481
		48	.10	.004	.80	.031	744			50	.25	.010	2.20	.087	4844
		194	.05	.002	.80	.031	752			7	.67	.026	2.10	.083	4871
	0.38	100	.07	.003	.80	.031	760		2.5	35	.30	.012	2.20	.087	4883
		7	.27	.011	.80	.031	791			315	.10	.004	2.20	.087	4883
		12	.21	.008	.80	.031	820			1	1.78	.070	1.78	.070	4911
		21	.16	.006	.80	.031	833			19	.45	.018	2.36	.093	6088
		7	.30	.012	.90	.035	977			*65	.25	.010	2.41	.095	6500
	0.5	16	.20	.008	.90	.035	992	12		165	.16	.006	2.41	.095	6549
		1	.80	.031	.80	.031	992			1	2.06	.081	2.06	.081	6561
		*10	.25	.010	.89	.035	1000			*7	.81	.032	2.44	.096	7168
		1	.81	.032	.81	.032	1024			56	.30	.012	3.10	.122	7812
		41	.13	.005	.91	.036	1025		4.0	1	2.26	.089	2.26	.089	7917
20		26	.16	.006	.91	.036	1032			511	.10	.004	3.00	.118	7921
		*7	.32	.013	.97	.038	1111			19	.52	.020	2.70	.106	7963
		19	.20	.008	.94	.037	1216			37	.40	.016	2.92	.115	9354
	0.75	7	.37	.015	1.10	.043	1485			49	.36	.014	2.95	.116	9880
		24	.20	.008	1.20	.047	1488	10		*7	.98	.039	2.95	.116	10376
		1	1.00	.039	1.00	.039	1550			1	2.59	.102	2.59	.102	10404
		*16	.25	.010	1.19	.047	1600			*105	.25	.010	2.95	.116	10500
		1	1.02	.040	1.02	.040	1600			84	.30	.012	3.50	.138	11718
		65	.13	.005	1.19	.047	1625			756	.10	.004	3.70	.146	11718
18		41	.16	.006	1.19	.047	1627		6.0	1	2.76	.109	2.76	.109	11807
		*7	.40	.016	1.22	.048	1770			7	1.05	.041	3.20	.126	11962
		19	.25	.010	1.24	.049	1900			19	.64	.025	3.30	.130	12063

*Strandings required for UL and CSA Certification testing.

This chart details the different conductors commonly used in the industry. For each size, either AWG or Metric, various stranding options are listed. Typically the higher stranding is used in applications requiring greater conductor flexibility.

AWG to Metric Wire Crosses	
AWG	Metric (mm²)
26-22	**0.1-0.5**
22-18	**0.5-1.0**
16-14	**1.5-2.5**
12-10	**4.0-6.0**

Common Conductor Sizes and Strandings Reference Chart (continued)

Conductor		Individual Strands			Overall Conductor Size			Conductor		Individual Strands			Overall Conductor Size		
			Diameter		Diameter		Area				Diameter		Diameter		Area
AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. MILS	AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. MILS
	6	7	0.107	0.042	3.21	0.126	11840		95	19	2.57	0.101	12.8	0.505	187500
		1	2.77	0.109	2.77	0.109	11840			37	1.83	0.072	12.5	0.504	187500
		7	1.1	0.0432	3.3	0.13	13000	4/0		19	2.89	0.1055	13.4	0.528	211600
9		1	2.91	0.1144	2.91	0.114	13090		120	37	2.06	0.081	14.4	0.567	237.8 kcmil
		1	3.26	0.1285	3.25	0.128	16510	250 kcmil		37	2.07	0.0822	14.6	0.575	250 kcmil
8		7	1.23	0.0486	3.7	0.146	16510	300 kcmil	150	37	2.29	0.09	16	0.63	300 kcmil
		7	1.37	0.054	4.12	0.162	19740	350 kcmil		37	2.47	0.0973	17.3	0.681	350 kcmil
	10	1	3.58	0.141	3.58	0.141	19740		185	37	2.54	0.1	17.8	0.7	365.1 kcmil
		7	1.38	0.0545	4.15	0.164	20520	400 kcmil		37	2.64	0.104	18.5	0.728	400 kcmil
7		1	3.67	0.1443	3.67	0.144	20520		240	37	2.9	0.114	20.3	0.798	473.6 kcmil
		7	1.55	0.0612	4.66	0.184	26240			61	2.26	0.089	20.3	0.801	473.6 kcmil
6		1	4.11	0.162	4.11	0.162	26240	500 kcmil		37	2.95	0.1162	20.7	0.813	500 kcmil
	16	7	1.73	0.008	5.13	0.204	31580			61	2.3	0.0905	20.7	0.814	500 kcmil
5		7	1.75	0.0688	5.24	0.206	33090		300 kcmil	61	2.51	0.099	22.6	0.891	592.1 kcmil
4		7	1.96	0.0772	5.88	0.232	41740	600 kcmil		61	2.52	0.0992	22.7	0.893	600 kcmil
		7	2.16	0.085	6.48	0.255	49340	700 kcmil		61	2.72	0.1071	24.5	0.964	700 kcmil
	25	19	1.32	0.052	6.6	0.26	49340			61	2.82	0.1109	25.4	0.998	750 kcmil
3		7	2.2	0.0867	6.61	0.26	52620	750 kcmil		91	2.31	0.0908	25.4	0.998	750 kcmil
2		7	2.47	0.0974	7.42	0.292	66300		400	61	2.9	0.114	26.1	1.026	798.4 kcmil
		7	2.54	0.1	7.62	300	69070			61	2.91	0.1145	26.2	1.031	800 kcmil
	35	19	1.55	0.001	7.75	0.305	69070	800 kcmil		91	2.38	0.0938	26.2	1.032	800 kcmil
1		19	1.5	0.0064	8.43	0.332	83690		500	61	3.25	0.128	28.3	1.152	986.8 kcmil
	50	19	1.85	0.073	9.27	0.365	98680	1000 kcmil		91	2.66	0.1048	29.3	1.153	1000 kcmil
1/0		19	1.59	0.0745	9.46	0.373	10500		625	91	2.97	0.117	32.7	1.287	1233.7 kcmil
2/0		19	2.13	0.0837	10.6	0.419	133100								
	70	19	2.18	0.086	10.9	0.43	138100								
3/0		19	2.59	0.094	11.9	0.47	167800								
		36	1.71	0.0673	12	0.471	167800								

This chart details the different conductors commonly used in the industry. For each size, either AWG or Metric, various stranding options are listed. Typically the higher stranding is used in applications requiring greater conductor flexibility.

AWG to Metric Wire Crosses	
AWG	Metric (mm²)
26-22	**0.1-0.5**
22-18	**0.5-1.0**
16-14	**1.5-2.5**
12-10	**4.0-6.0**

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
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E4. Lockout/ Tagout & Safety Solutions
F. Index

Notes

REEL SMART™ TERMINATION SYSTEM

The *PANDUIT*® *REEL SMART*™ System provides the best solution for quality, high volume terminations designed to dramatically reduce set-up time and production downtime. This increased efficiency translates into real cost savings thourghout the termination process from start to finish.

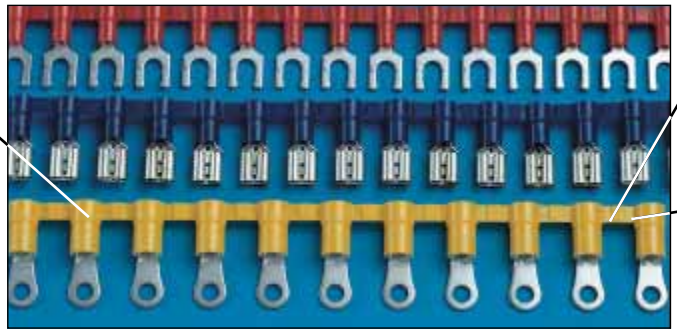
- **One applicator system terminates over 400 continuously molded terminals, reducing cost of ownership**
- **Continuously molded integrated carrier guarantees alignment of terminal; front to back and side to side to eliminate skewing of product resulting in consistent, high quality low cost termination**
- **Available in large reels requiring less product changeover, resulting in less downtime**
- **Applicable sizes are UL Listed and CSA Certified, as noted**
- **Made of electrolytically refined pure copper materials to provide reliable, high conductivity terminations**
- ***PANDUIT*® CA9 *EZAIR*™ Universal Applicator works with *REEL SMART*™ reel-fed terminals to deliver the ultimate in fully automatic, high-capacity termination performance**

PANDUIT continually provides new designs with innovative features to meet the application challenges encountered by customers, while providing the lowest installed cost.

Features and Benefits – *REEL SMART*™ Termination System

The *PANDUIT* continuously molded *REEL SMART*™ products are designed such that the terminal, disconnect, and butt splice housings are connected by an integral molded carrier in the barrel crimp zone, producing a continuous length of product. Plated metal terminals, disconnects and splices are then assembled into the housings. During termination, the continuously molded components are fed into a universal applicator. This process produces a reel-fed solution that eliminates a variety of problems associated with other reel-fed designs and provides high quality, high capacity product on reels for longer, uninterrupted production runs – resulting in the lowest installed cost.

Pre-insulated design eliminates the need for post-insulation – resulting in labor savings



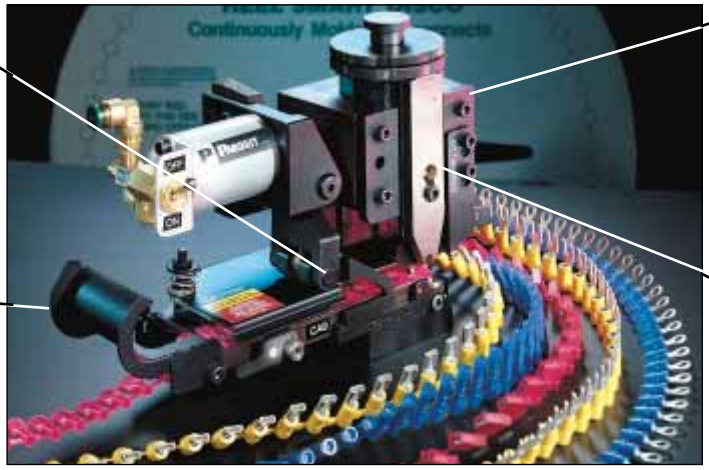
Continuously molded design always aligns product with the carrier strip – resulting in trouble free tool operation

Plastic carrier strip eliminates sharp, unplated edges as found on metal strip-fed carriers – providing better corrosion resistance

REEL SMART™ CA9 *EZAIR*™ Universal Applicator

The *PANDUIT*® CA9 *EZAIR*™ applicator automatically adjusts feed stroke to the correct pitch and length for the entire product line of continuously molded products. The need for multiple applicators is eliminated. The applicator, in conjunction with the precision, continuously molded product provides perfect front-to-back and side-to-side alignment in the die pocket for a high quality termination every time – resulting in the most optimum system to terminate terminals.

Automatic, self-adjusting feed stroke – resulting in correct pitch and length



Universal applicator installs entire *REEL SMART*™ product line – resulting in lower tooling inventory costs

Versatile applicator design – allows for use in bench presses, and most automatic wire processing systems

Quick change dies – provide fast product change-over and reduction in set-up time

Nylon Insulated Terminals with Insulation Grip Sleeve (Funnel and Non-Funnel Entry Types)

The 3-piece design terminal provides a permanently attached tin plated brass sleeve for insulation grip in funnel and straight entry sleeve designs. This product feature offers the highest quality reliable terminations. Nylon insulation is rated up to 600V maximum and designed for up to 105°C (221°F) operating temperature maximum. Supplied on rings, forks, locking forks, short locking forks and flanged forks in wire sizes #22 through #10.

- Sleeved Barrel – assures crimp reliability
- PNF – funnel-entry styles available
- Metal Insulation Crimp – provides DOUBLE CRIMP wire insulation grip sleeve for high vibration or conductor strain environments
- Internal Wire Barrel Serrations – assure good wire contact and maximum tensile strength
- Product Markings – UL and CSA Rated – up to 600V, maximum operating temperature 105°C (221°F)

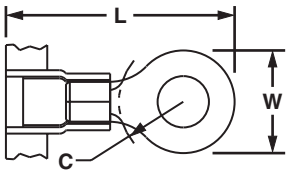
Part Number System for *REEL SMART*™ Terminals

P	NF	14	—	6	R	N	3K
Type	**Insulation**	**Wire Range**		**Stud Size**	**Tongue Configuration**	**Special Configuration**	**Standard Package Size**
P = Terminal BS = Butt Splice	N = Nylon Insulated NF = Nylon Insulated Funnel Entry V = Vinyl Insulated	18 = #22 – 18 14 = #16 – 14 12 = #16 – 12 10 = #12 – 10		4 = #4 5 = #5 6 = #6 8 = #8 10 = #10 14 = 1/4" 56 = 5/16" 38 = 3/8"	R = Ring HDR = Heavy Duty Ring F = Fork FF = Fanged Fork LF = Locking Fork SLF = Short Locking Fork P47 = Pin	N = Narrow Tongue W = Wide Tongue B = Butted Seam = Standard (leave blank)	2K = 2,000 pcs. 3K = 3,000 pcs.

Ring Terminals, Nylon Insulated – Non-Funnel Entry

Type PN-R

- Metal insulation grip sleeve

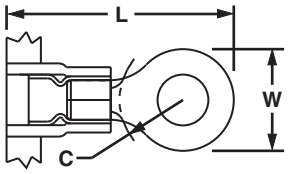


Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimension (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PN18-4R-3K	22-18 AWG	Red	.03	.145	#4	.80	.25	.22	CD9-1A	CD-800-1	3000
PN18-6RN-3K					#6	.74	.22	.18			3000
PN18-6R-3K					#6	.78	.25	.22			3000
PN18-8R-3K					#8	.86	.31	.25			3000
PN18-10R-3K					#10	.86	.31	.25			3000
PN18-14R-3K					1/4"	1.05	.45	.38			3000
PN14-4R-3K	16-14 AWG	Blue	.03	.162	#4	.76	.25	.22	CD9-2A	CD-800-2	3000
PN14-6RN-3K					#6	.76	.25	.22			3000
PN14-6R-3K					#6	.86	.31	.25			3000
PN14-8R-3K					#8	.86	.31	.25			3000
PN14-10R-3K					#10	.86	.31	.25			3000
PN14-14R-3K					1/4"	1.06	.44	.38			3000
PN10-6R-2K	12-10 AWG	Yellow	.04	.225	#6	1.06	.38	.31	CD9-3B	CD-800-3	2000
PN10-8R-2K					#8	1.06	.38	.31			2000
PN10-10R-2K					#10	1.06	.38	.31			2000
PN10-14R-2K					1/4"	1.21	.52	.38			2000
PN10-56R-2K					5/16"	1.21	.52	.38			2000
PN10-38R-2K					3/8"	1.29	.58	.43			2000

Ring Terminals, Nylon Insulated – Funnel Entry

Type PNF-R

- Metal insulation grip sleeve



Part Number	Wire Range	Color Code	Stock Thickness	Max Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PNF18-4RN-3K	22-18 AWG	Red	.03	.145	#4	.74	.22	.19	CD9-1A	CD-800-1	3000
PNF18-4R-3K					#4	.78	.25	.21			3000
PNF18-6RN-3K					#6	.74	.22	.16			3000
PNF18-6R-3K					#6	.78	.25	.21			3000
PNF18-8R-3K					#8	.86	.31	.25			3000
PNF18-10R-3K					#10	.86	.31	.25			3000
PNF18-14R-3K					1/4"	1.06	.46	.38			3000
PNF14-4R-3K	16-14 AWG	Blue	.03	.162	#4	.78	.25	.18	CD9-2A	CD-800-2	3000
PNF14-6RN-3K					#6	.78	.25	.18			3000
PNF14-6R-3K					#6	.87	.31	.24			3000
PNF14-8R-3K					#8	.87	.31	.25			3000
PNF14-10R-3K					#10	.85	.31	.29			3000
PNF14-14R-3K					1/4"	1.06	.46	.40			3000
PNF10-6R-2K	12-10 AWG	Yellow	.04	.225	#6	1.06	.38	.31	CD9-3B	CD-800-3	2000
PNF10-8R-2K					#8	1.06	.38	.31			2000
PNF10-10R-2K					#10	1.06	.38	.31			2000
PNF10-14R-2K					1/4"	1.21	.52	.38			2000
PNF10-56R-2K					5/16"	1.21	.52	.38			2000
PNF10-38R-2K					3/8"	1.29	.58	.43			2000

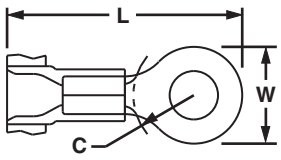
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Ring Terminals, Vinyl Insulated – Funnel Entry

Type PV-RB

- Insulation support

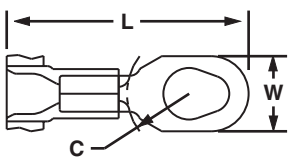


Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PV18-4RNB-3K	22-18 AWG	Red	.03	.150	#4	.74	.21	.19	CD9-1A	CD-800-1	3000
PV18-4RB-3K					#4	.78	.25	.20			3000
PV18-6RNB-3K					#6	.75	.23	.19			3000
PV18-6RB-3K					#6	.78	.25	.20			3000
PV18-8RB-3K					#8	.86	.31	.25			3000
PV18-10RB-3K					#10	.86	.31	.25			3000
PV18-14RB-3K					1/4"	1.06	.45	.38			3000
PV18-56RB-2K					5/16"	1.06	.46	.38	CD9-1B		2000
PV18-38RB-2K					3/8"	1.15	.53	.43			2000
PV14-4RB-3K	16-14 AWG	Blue	.03	.170	#4	.76	.25	.22	CD9-2A	CD-800-2	3000
PV14-6RNB-3K					#6	.76	.25	.22			3000
PV14-6RB-3K					#6	.86	.31	.25			3000
PV14-8RB-3K					#8	.86	.31	.25			3000
PV14-10RB-3K					#10	.86	.31	.25			3000
PV14-14RB-3K					1/4"	1.05	.45	.38			3000
PV14-56RB-2K					5/16"	1.06	.46	.38	CD9-2B		2000
PV14-38RB-2K					3/8"	1.15	.53	.43			2000
PV10-6RB-2K	12-10 AWG	Yellow	.04	.225	#6	1.02	.31	.31	CD9-3B	CD-800-3	2000
PV10-8RB-2K					#8	1.02	.31	.31			2000
PV10-10RB-2K					#10	1.02	.31	.31			2000
PV10-14RB-2K					1/4"	1.20	.52	.38			2000
PV10-56RB-2K					5/16"	1.20	.52	.38			2000
PV10-38RB-2K					3/8"	1.23	.58	.38			2000

Ring Terminals, Vinyl Insulated – Multiple Stud

Type PV-610RB

- Single terminal for #6, #8 and #10 stud sizes
- Insulation support
- Funnel entry

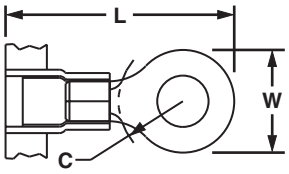


Part Number	Wire Range	Color Code	Stock Thickness	Max Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PV18-610RB-3K	22-18 AWG	Red	.03	.150	#6, #8, #10	.95	.31	.25	CD9-1A	CD-800-1	3000
PV14-610RB-3K	16-14 AWG	Blue	.03	.170		.95	.31	.25	CD9-2A	CD-800-2	3000
PV10-610RB-2K	12-10 AWG	Yellow	.04	.225		1.17	.37	.31	CD9-3B	CD-800-3	2000

Ring Terminals, Nylon Insulated – Heavy Duty

Type PN-HDR

- Metal insulation grip sleeve
- Heavy stock

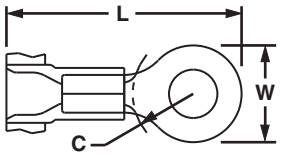


Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PN12-6HDR-2K	16-12 AWG	Yellow	.05	.225	#6	1.02	.31	.31	CD9-3B	CD-800-3	2000
PN12-8HDR-2K					#8	1.02	.31	.31			2000
PN12-10HDR-2K					#10	1.05	.38	.31			2000
PN12-14HDR-2K					1/4"	1.20	.52	.38			2000
PN12-56HDR-2K					5/16"	1.20	.52	.38			2000
PN12-38HDR-2K					3/8"	1.28	.58	.38			2000

Ring Terminals, Vinyl Insulated – Heavy Duty

Type PV-HDRB

- Funnel entry
- Insulation support
- Heavy stock



Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PV12-6HDRB-2K	16-12 AWG	Yellow	.05	.225	#6	1.03	.31	.36	CD9-3B	CD-800-3	2000
PV12-8HDRB-2K					#8	1.03	.31	.36			2000
PV12-10HDRB-2K					#10	1.06	.37	.36			2000
PV12-14HDRB-2K					1/4"	1.23	.52	.43			2000
PV12-56HDRB-2K					5/16"	1.23	.52	.43			2000
PV12-38HDRB-2K					3/8"	1.30	.58	.48			2000

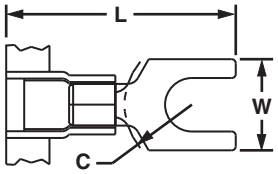
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Fork Terminals, Nylon Insulated – Non-Funnel Entry

Type PN-F

• Metal insulation grip sleeve



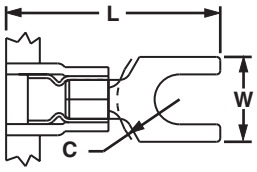
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PN18-6FN-3K*	22-18 AWG	Red	.03	.145	#6	.78	.25	.20	CD9-1A	CD-800-1	3000
PN18-6F-3K					#6	.78	.30	20			3000
PN18-8F-3K					#8	.84	.32	.23			3000
PN18-10FN-3K*					#10	.86	.31	.25			3000
PN18-10F-3K					#10	.86	.35	.25			3000
PN18-14F-3K					1/4"	1.03	.44	.33			3000
PN14-6FN-3K*	16-14 AWG	Blue	.03	.162	#6	.78	.24	.19	CD9-2A	CD-800-2	3000
PN14-6F-3K					#6	.78	.28	19			3000
PN14-8F-3K					#8	.84	.31	.23			3000
PN14-10FN-3K*					#10	.86	.31	.24			3000
PN14-10F-3K					#10	.86	.34	24			3000
PN14-14F-3K					1/4"	1.03	.44	.32			3000
PN10-6F-2K	12-10 AWG	Yellow	.04	.225	#6	1.00	.31	.24	CD9-3B	CD-800-3	2000
PN10-8F-2K					#8	1.03	.37	.24			2000
PN10-10F-2K					#10	1.04	.37	.24			2000
PN10-14F-2K					1/4"	1.14	.49	.32			2000

*Not UL Listed or CSA Certified.

Fork Terminals, Nylon Insulated – Funnel Entry

Type PNF-F

• Metal insulation grip sleeve



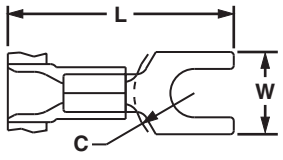
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PNF18-6FN-3K*	22-18 AWG	Red	.03	.145	#6	.77	.24	.19	CD9-1A	CD-800-1	3000
PNF18-6F-3K					#6	.78	.30	.19			3000
PNF18-8F-3K					#8	.83	.32	.22			3000
PNF18-10F-3K					#10	.85	.35	.24			3000
PNF18-14F-3K					1/4"	1.02	.44	.33			3000
PNF14-6FN-3K*	16-14 AWG	Blue	.03	.162	#6	.78	.24	.19	CD9-2A	CD-800-2	3000
PNF14-6F-3K					#6	.78	.28	.19			3000
PNF14-8F-3K					#8	.84	.31	.23			3000
PNF14-10F-3K					#10	.86	.34	.24			3000
PNF10-6F-2K	12-10 AWG	Yellow	.04	.225	#6	1.01	.31	.24	CD9-3B	CD-800-3	2000
PNF10-8F-2K					#8	1.02	.37	.24			2000

*Not UL Listed or CSA Certified

Fork Terminals, Vinyl Insulated – Funnel Entry

Type PV-FB

- Insulation support



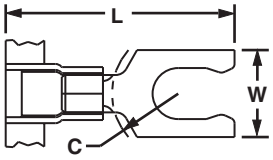
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PV18-6FNB-3K*	22-18 AWG	Red	.03	.150	#6	.78	.25	.20	CD9-1A	CD-800-1	3000
PV18-6FB-3K					#6	.78	.30	.20			3000
PV18-8FB-3K					#8	.84	.32	.23			3000
PV18-10FB-3K					#10	.86	.35	.25			3000
PV18-14FB-3K					1/4"	1.03	.44	.33			3000
PV14-6FNB-3K*	16-14 AWG	Blue	.03	.170	#6	.78	.24	.19	CD9-2A	CD-800-2	3000
PV14-6FB-3K					#6	.78	.28	.19			3000
PV14-8FB-3K					#8	.84	.31	.23			3000
PV14-10FNB-3K*					#10	.86	.31	.24			3000
PV14-10FB-3K					#10	.86	.34	.24			3000
PV14-14FB-3K					1/4"	1.03	.44	.32			3000
PV10-6FB-2K	12-10 AWG	Yellow	.04	.225	#6	.99	.31	.22	CD9-3B	CD-800-3	2000
PV10-8FB-2K					#8	1.00	.38	.22			2000
PV10-10FB-2K					#10	1.04	.38	.22			2000
PV10-14FB-2K					1/4"	1.13	.49	.32			2000

*Not UL Listed or CSA Certified.

Locking Fork Terminals, Nylon Insulated – Non-Funnel Entry

Type PN-LF

- Metal insulation grip sleeve



Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PN18-6LF-3K	22-18 AWG	Red	.03	.145	#6	.82	.24	.19	CD9-1A	CD-800-1	3000
PN18-8LF-3K					#8	.89	.29	.23			3000
PN18-10LF-3K					#10	.89	.33	.23			3000
PN14-6LF-3K	16-14 AWG	Blue	.03	.162	#6	.85	.25	.18	CD9-2A	CD-800-2	3000
PN14-8LF-3K					#8	.92	.29	.23			3000
PN14-10LF-3K					#10	.92	.33	.23			3000
PN10-6LF-2K	12-10 AWG	Yellow	.04	.225	#6	1.02	.30	.21	CD9-3B	CD-800-3	2000
PN10-8LF-2K					#8	1.05	.30	.21			2000
PN10-10LF-2K					#10	1.05	.34	.21			2000

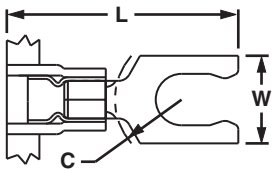
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Locking Fork Terminals, Nylon Insulated – Funnel Entry

Type PNF-LF

• Metal insulation grip sleeve



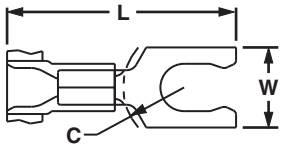
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PNF18-6LF-3K	22-18 AWG	Red	.03	.145	#6	.85	.27	.19	CD9-1A	CD-800-1	3000
PNF18-6LFW-3K					#6	.85	.29	.19			3000
PNF18-8LF-3K					#8	.89	.29	.23			3000
PNF18-10LF-3K					#10	.89	.33	.23			3000
PNF14-6LF-3K	16-14 AWG	Blue	.03	.162	#6	.85	.25	.18	CD9-2A	CD-800-2	3000
PNF14-8LF-3K					#8	.92	.29	.23			3000
PNF14-10LFN-3K*					#10	.92	.28	.23			3000
PNF14-10LF-3K					#10	.92	.33	.23			3000
PNF10-6LF-2K	12-10 AWG	Yellow	.04	.225	#6	1.02	.30	.21	CD9-3B	CD-800-3	2000
PNF10-8LF-2K					#8	1.05	.30	.21			2000
PNF10-10LF-2K					#10	1.05	.34	.21			2000
PNF10-14LF-2K					1/4"	1.19	.46	.32			2000

*Not UL Listed or CSA Certified.

Locking Fork Terminals, Vinyl Insulated – Funnel Entry

Type PV-LFB

• Insulation support



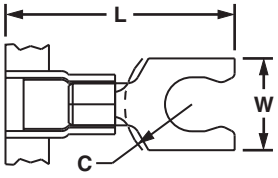
Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PV18-6LFB-3K	22-18 AWG	Red	.03	.150	#6	.80	.27	.19	CD9-1A	CD-800-1	3000
PV18-6LFWB-3K					#6	.83	.29	.19			3000
PV18-8LFB-3K					#8	.87	.29	.23			3000
PV18-10LFNB-3K*					#10	.87	.29	.23			3000
PV18-10LFB-3K					#10	.87	.33	.23			3000
PV14-6LFB-3K	16-14 AWG	Blue	.03	.170	#6	.85	.25	.18	CD9-2A	CD-800-2	3000
PV14-6LFWB-3K					#6	.85	.29	.18			3000
PV14-8LFB-3K					#8	.92	.29	.23			3000
PV14-10LFB-3K					#10	.92	.33	.23			3000
PV10-6LFB-2K	12-10 AWG	Yellow	.04	.225	#6	1.02	.30	.21	CD9-3B	CD-800-3	2000
PV10-8LFB-2K					#8	1.04	.30	.21			2000
PV10-10LFB-2K					#10	1.04	.34	.21			2000
PV10-14LFB-2K					1/4"	1.16	.46	.32			2000

*Not UL Listed or CSA Certified.

Short Locking Fork Terminals, Nylon Insulated – Non-Funnel Entry

Type PN-SLF

• Metal insulation grip sleeve

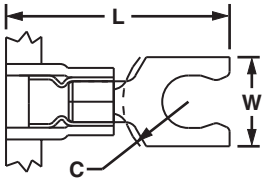


Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PN18-5SLF-3K	22-18 AWG	Red	.03	.145	#5	.75	.26	.19	CD9-1A	CD-800-1	3000
PN18-6SLF-3K					#6	.75	.27	.19			3000
PN18-8SLF-3K					#8	.79	.29	.23			3000
PN18-10SLF-3K					#10	.80	.33	.23			3000
PN14-5SLF-3K	16-14 AWG	Blue	.03	.162	#5	.75	.25	.19	CD9-2A	CD-800-2	3000
PN14-6SLF-3K					#6	.75	.25	.19			3000
PN14-8SLF-3K					#8	.80	.29	.23			3000
PN14-10SLF-3K					#10	.81	.33	.23			3000
PN10-8SLF-2K	12-10 AWG	Yellow	.04	.225	#8	.92	.29	.22	CD9-3B	CD-800-3	2000
PN10-10SLF-2K					#10	.92	.33	.22			2000

Short Locking Fork Terminals, Nylon Insulated – Funnel Entry

Type PNF-SLF

• Metal insulation grip sleeve



Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PNF18-5SLF-3K	22-18 AWG	Red	.03	.145	#5	.73	.26	.19	CD9-1A	CD-800-1	3000
PNF18-6SLF-3K					#6	.74	.27	.19			3000
PNF18-8SLF-3K					#8	.80	.29	.23			3000
PNF18-10SLF-3K					#10	.80	.33	.23			3000
PNF14-6SLF-3K	16-14 AWG	Blue	.03	.162	#6	.75	.25	.19	CD9-2A	CD-800-2	3000
PNF14-10SLF-3K					#10	.81	.33	.23			3000
PNF10-6SLF-2K	12-10 AWG	Yellow	.04	.225	#6	.91	.25	.17	CD9-3B	CD-800-3	2000
PNF10-8SLF-2K					#8	.92	.29	.22			2000
PNF10-10SLF-2K					#10	.93	.33	.22			2000

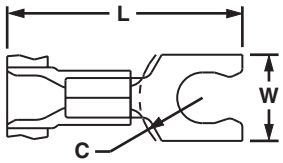
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Short Locking Fork Terminals, Vinyl Insulated – Funnel Entry

Type PV-SLFB

• Insulation support

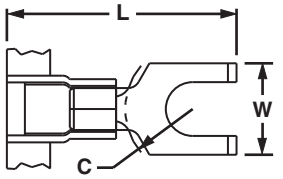


Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PV18-5SLFB-3K	22-18 AWG	Red	.03	.150	#5	.72	.26	.19	CD9-1A	CD-800-1	3000
PV18-6SLFB-3K					#6	.72	.27	.19			3000
PV18-8SLFB-3K					#8	.77	.29	.23			3000
PV18-10SLFB-3K					#10	.78	.33	.23			3000
PV14-6SLFB-3K	16-14 AWG	Blue	.03	.170	#6	.75	.25	.19	CD9-2A	CD-800-2	3000
PV14-8SLFB-3K					#8	.80	.29	.23			3000
PV14-10SLFB-3K					#10	.81	.33	.23			3000
PV14-14SLFB-3K					1/4"	.90	.44	.29			3000
PV10-6SLFB-2K	12-10 AWG	Yellow	.04	.225	#6	.84	.25	.17	CD9-3B	CD-800-3	2000
PV10-8SLFB-2K					#8	.90	.29	.22			2000
PV10-10SLFB-2K					#10	.91	.33	.22			2000

Flanged Fork Terminals, Nylon Insulated – Non-Funnel Entry

Type PN-FF

• Metal insulation grip sleeve

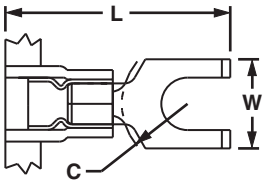


Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PN18-6FF-3K	22-18 AWG	Red	.03	.136	#6	.80	.28	.19	CD9-1A	CD-800-1	3000
PN18-8FF-3K					#8	.87	.31	.23			3000
PN18-10FF-3K					#10	.87	.35	.23			3000
PN14-6FF-3K	16-14 AWG	Blue	.03	.162	#6	.80	.28	.19	CD9-2A	CD-800-2	3000
PN14-8FF-3K					#8	.87	.31	.23			3000
PN14-10FF-3K					#10	.87	.35	.23			3000
PN10-8FF-2K	12-10 AWG	Yellow	.04	.225	#8	1.05	.38	.22	CD9-3B	CD-800-3	2000
PN10-10FF-2K					#10	1.05	.38	.22			2000

Flanged Fork Terminals, Nylon Insulated – Funnel Entry

Type PNF-FF

• Metal insulation grip sleeve

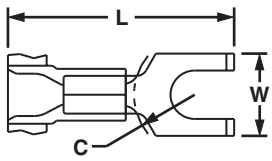


Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PNF18-6FF-3K	22-18 AWG	Red	.03	.145	#6	.80	.28	.19	CD9-1A	CD-800-1	3000
PNF18-8FF-3K					#8	.87	.31	.23			3000
PNF18-10FF-3K					#10	.86	.35	.23			3000
PNF14-6FF-3K	16-14 AWG	Blue	.03	.162	#6	.80	.28	.19	CD9-2A	CD-800-2	3000
PNF14-8FF-3K					#8	.87	.31	.23			3000
PNF14-10FF-3K					#10	.87	.35	.23			3000
PNF10-8FF-2K	12-10 AWG	Yellow	.04	.225	#8	1.05	.38	.24	CD9-3B	CD-800-3	2000
PNF10-10FF-2K					#10	1.05	.38	.24			2000

Flanged Fork Terminals, Vinyl Insulated – Funnel Entry

Type PV-FFB

• Insulation support



Part Number	Wire Range	Color Code	Stock Thickness	Max. Ins.	Stud Size	Figure Dimensions (In.) L	W	C	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
PV18-6FFB-3K	22-18 AWG	Red	.03	.150	#6	.80	.28	.19	CD9-1A	CD-800-1	3000
PV18-8FFB-3K					#8	.87	.31	.23			3000
PV18-10FFB-3K					#10	.86	.35	.23			3000
PV14-6FFB-3K	16-14 AWG	Blue	.03	.170	#6	.80	.28	.19	CD9-2A	CD-800-2	3000
PV14-8FFB-3K					#8	.86	.31	.23			3000
PV14-10FFB-3K					#10	.86	.35	.23			3000
PV10-8FFB-2K	12-10 AWG	Yellow	.04	.225	#8	1.03	.37	.22	CD9-3B	CD-800-3	2000
PV10-10FFB-2K					#10	1.03	.37	.22			2000

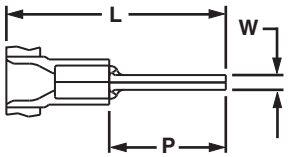
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Pin Terminals, Vinyl Insulated – Funnel Entry

Type PV-PB

- Insulation support

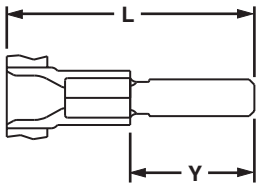


Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.)			CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
				L	W	Y			
PV18-P47B-3K	22-18 AWG	Red	.150	.90	.07	.49	CD9-1A	CD-800-1	3000
PV14-P47B-3K	16-14 AWG	Blue	.170	.90	.07	.49	CD9-2A	CD-800-2	3000

Male Blade Adapters, Vinyl Insulated – Funnel Entry

Type DV-MB

- Insulation support

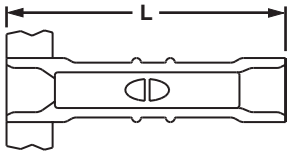


Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.)		Tab Size In.	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
				L	Y				
DV18-145MB-3K	22-18 AWG	Red	.155	.90	.42	.145 x .032	CD9-1A	CD-800-1	3000
DV14-145MB-3K	16-14 AWG	Blue	.175	.90	.42	.145 x .032	CD9-2A	CD-800-2	3000

Butt Splices Nylon Insulated and Premium Grade Nylon

Type BSN, BSP

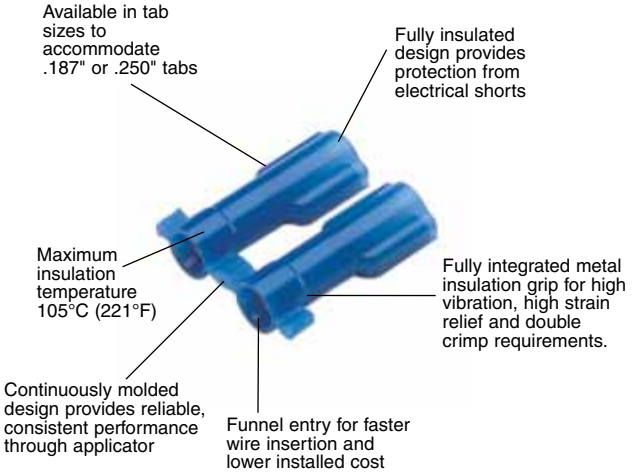
- One side machine applied termination replaces manual crimping
- Funnel entry on machine termination side to increase productivity
- Also hand crimped with *PANDUIT* CT-100 or CT-1550/CT-1551 crimping tools
- Barrel locating ribs provide for accurate hand tool placement
- Available with insulation crimp premium grade nylon
- Brazed seam with center wire stop for increased performance and productivity



Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.)	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
				L			
BSN18-3K	22-16 AWG	Red	.150	.95	CD9-1A	CD-800-1	3000
BSN14-3K	18-14 AWG	Blue	.170	.95	CD9-2A	CD-800-2	3000
BSN10-2K	12-10 AWG	Yellow	.230	.95	CD9-17B	CD-800-17	2000
BSP18-3K	22-16 AWG	Red	.150	.96	CD9-1A	CD-800-1	3000
BSP14-3K	18-14 AWG	Blue	.170	.96	CD9-2A	CD-800-2	3000

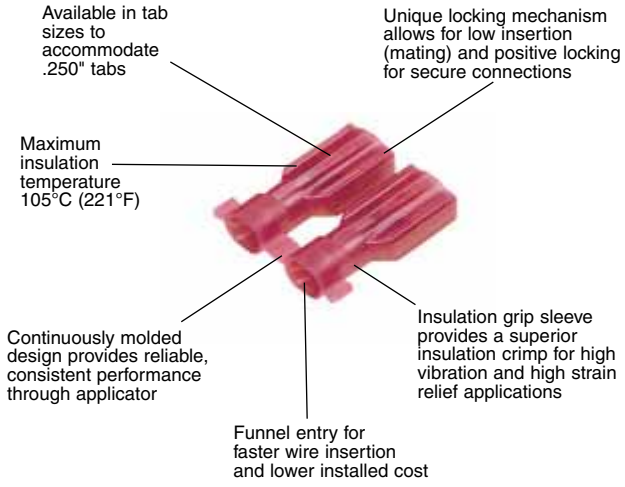
Features and Benefits – *Reel Smart*™ Disconnects

Supra-Grip™ Nylon Fully Insulated Funnel Entry, Female Receptacle Type DNG-FB



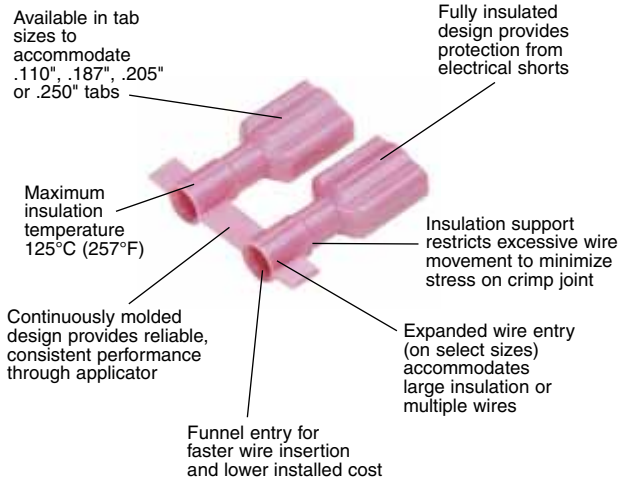
UL and CSA Rated up to 600V per UL310

Disco-Lok™ Nylon Fully Insulated, Funnel Entry, Female Receptacle Type DNG-FL



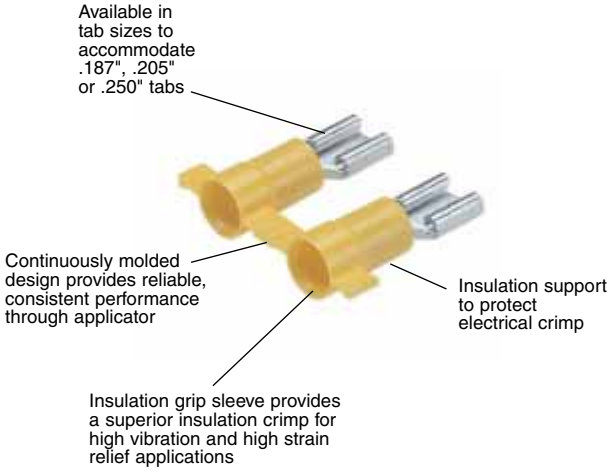
UL and CSA rated up to 300V

Standard and Premium Nylon Fully Insulated, Funnel Entry, Females Receptacles and Male Tabs Type DNF and DPF



UL and CSA Rated up to 600V per UL310

Vinyl Barrel Insulated Funnel Entry, Female Receptacles and Male Tabs Type DV



UL and CSA Rated up to 600V

High speed electric presses provide for fast terminations.

See page D1.107.

Fully Automatic Cable Tie Installation Systems offer an efficient solution for high volume harnessing, assembly, fastening and packaging applications.

See pages B1.95 – B1.98.

Part Number System for *REEL SMART*™ Disconnects

D	NF	14	—	250	FIB	3K
Type	Insulation	Wire Range		Size and Type	Special Configuration	Standard Package Size

Type

D = Disconnects

Insulation

NF = Nylon Funnel Entry

NG = Nylon Funnel Entry Metal Insulation Grip

NFR = Nylon Funnel Entry Right Angle

PF = Premium Grade Nylon (Double Crimp)

V = Vinyl

Wire Range

18 = #22-18

14 = #16-14

10 = #12-10

Size and Type

110 = .110 x .032 Tab Size

111 = .110 x .020 Tab Size

145 = .145 x .032 Tab Size

187 = .187 x .032 Tab Size

188 = .187 x .020 Tab Size

205 = .187/.205 x .032 Tab Size

206 = .187/.205 x .020 Tab Size

250 = .250 x .032 Tab Size

.187/.205: Expandable receptacle will accept male tabs from .187" to .205" widths in .032" or .020" thick styles. Fully reliable connection through all widths.

Special Configuration

B = Butted Seam

C = Compression Tab

FB = Metal Insulation Grip, Female

FL = Fully Insulated Positive Locking Female

FIB = Fully Insulated, Butted Seam, Female

FIBX = Fully Insulated, Butted Seam, Female, Expanded Wire Entry

FIM = Fully Insulated Male

FIMB = Fully Insulated, Male, Oversized Housing

FIMX = Fully Insulated, Male, Expanded Wire Entry

M = Male

MB = Male Butted Seam

Standard Package Size

K = 1,000

KD = 1,500

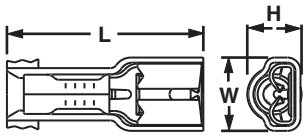
2K = 2,000

3K = 3,000

SUPRA-GRIP™ Female Disconnects, Nylon Fully Insulated – Funnel Entry

Type DNG-FB

- Integrated metal insulation grip



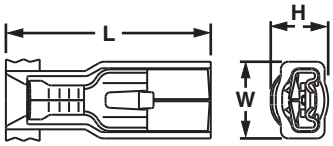
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	Tab Size In.	mm	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
DNG18-187FB-3K	22-18 AWG	Red	.126	.89	.29	.22	.187 x .032	4.7 x .8	CD9-15A	CD-800-15	3000
DNG18-188FB-3K				.89	.29	.22	.187 x .020	4.7 x .5			3000
DNG18-250FB-3K				.93	.35	.23	.250 x .032	6.3 x .8			3000
DNG14-187FB-3K*	16-14 AWG	Blue	.153	.89	.29	.25	.187 x .032	4.7 x .8	CD9-16A	CD-800-16	3000
DNG14-188FB-3K*				.89	.29	.25	.187 x .020	4.7 x .5			3000
DNG14-250FB-3K				.93	.35	.25	.250 x .032	6.3 x .8			3000

*UL recognized for use with brass tabs only.

Disco-Lok™ Female Disconnects, Nylon Fully Insulated – Funnel Entry

Type DNG-FL

- Positive locking mechanism
- Integrated metal insulation grip

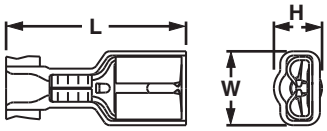


Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
DNG18-250FL-3K	22-18 AWG	Red	.126	.97	.36	.24	.250 x .032	6.3 x .8	CD9-14A	CD-800-14	3000
DNG14-250FL-3K	16-14 AWG	Blue	.150	.97	.36	.25	.250 x .032	6.3 x .8	CD9-14A	CD-800-14	3000

Female Disconnects, Nylon Fully Insulated – Funnel Entry

Type DNF-FIB

- Insulation support
- Internal wire stop



Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
DNF18-110FIB-3K	22-18 AWG	Red	.120	.71	.19	.15	.110 x .032	2.8 x .8	CD9-7A	CD-800-7	3000
DNF18-111FIB-3K		Red	.120	.71	.19	.15	.110 x .020	2.8 x .5	CD9-7A	CD-800-7	3000
DNF18-112FIB-3K*		Natural	.120	.71	.19	.15	.110 x .010	2.8 x .3	CD9-7A	CD-800-7	3000
DNF18-187FIB-3K		Red	.136	.78	.29	.16	.187 x .032	4.8 x .8	CD9-4A	CD-800-4	3000
DNF18-188FIB-3K		Red	.136	.78	.29	.16	.187 x .020	4.8 x .5	CD9-4A	CD-800-4	3000
DNF18-205FIB-3K		Red	.136	.78	.31	.22	.187/.205 x .032	4.8/5.2 x .8	CD9-4A	CD-800-4	3000
DNF18-206FIB-3K		Red	.136	.78	.31	.22	.187/.205 x .020	4.8/5.2 x .5	CD9-4A	CD-800-4	3000
DNF18-250FIB-3K**		Red	.136	.84	.35	.22	.250 x .032	6.3 x .8	CD9-4A	CD-800-4	3000
DNF14-187FIB-3K	16-14 AWG	Blue	.160	.78	.29	.18	.187 x .032	4.8 x .8	CD9-5A	CD-800-5	3000
DNF14-188FIB-3K			.160	.78	.29	.18	.187 x .020	4.8 x .5	CD9-5A	CD-800-5	3000
DNF14-205FIB-3K			.160	.78	.31	.22	.187/.205 x .032	4.8/5.2 x .8	CD9-5A	CD-800-5	3000
DNF14-206FIB-3K			.160	.78	.31	.22	.187/.205 x .020	4.8/5.2 x .5	CD9-5A	CD-800-5	3000
DNF14-250FIB-3K			.160	.84	.35	.22	.250 x .032	6.3 x .8	CD9-5A	CD-800-5	3000
DNF10-250FIB-2K	12-10 AWG	Yellow	.220	.96	.35	.23	.250 x .032	6.3 x .8	CD9-13B	CD-800-13	2000
DNF10250FIBC-2K*‡			.220	.96	.35	.23	.250 x .032	6.4 x .8	CD9-13B	CD-800-13	2000

*UL/CSA standards do not exist for .110" x .010" receptacles.
**UL with 17 AWG wire.
‡Compressor tab disconnect to fit .250" tabs with a post style support.

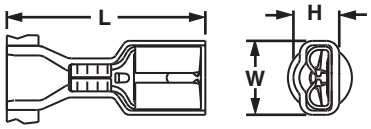
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Disco™ Female Disconnects, Nylon Fully Insulated – Expanded Wire Entry

Type DNF-FIBX

- Funnel entry
- Insulation support
- Internal wire stop
- Expanded wire entry area for large wire insulation O.D.

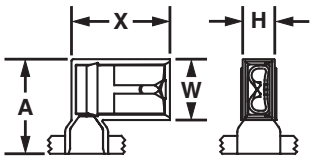


Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
DNF18205FIBX-2K	22-18 AWG	Red	.210	.87	.31	.22	.187/.205 x .032	4.8/5.2 x .8	CD9-6B	CD-800-6	2000
DNF18206FIBX-2K				.87	.31	.22	.187/.205 x .020	4.8/5.2 x .5			2000
DNF18250FIBX-2K				.93	.35	.22	.250 x .032	6.3 x .8			2000
DNF14205FIBX-2K	16-14 AWG	Blue	.240	.87	.31	.22	.187/.205 x .032	4.8/5.2 x .8	CD9-8B	CD-800-8	2000
DNF14206FIBX-2K				.87	.31	.22	.187/.205 x .020	4.8/5.2 x .5			2000
DNF14250FIBX-2K				.93	.35	.22	.250 x .032	6.3 x .8			2000

Disco™ Female Disconnects, Nylon Fully Insulated – Right Angle

Type DNFR-FIB

- Funnel entry
- Insulation support



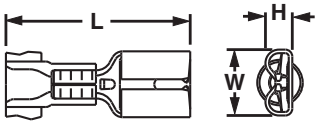
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.)				Tab Size		CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
				L	W	H	X	In.	mm			
DNFR18205FIB-KD	22-18 AWG	Red	.178	.57	.37	.21	.60	.187/.205 x .032	4.8/5.2 x .8	CD9-9C	CD-800-9	1500
DNFR18206FIB-KD				.57	.37	.21	.60	.187/.205 x .020	4.8/5.2 x .5			1500
DNFR18250FIB-KD				.57	.37	.21	.60	.250 x .032	6.3 x .8			1500
DNFR14205FIB-KD	16-14 AWG	Blue		.57	.37	.21	.60	.187/.205 x .032	4.8/5.2 x .8			1500
DNFR14206FIB-KD				.57	.37	.21	.60	.187/.205 x .020	4.8/5.2 x .5			1500
DNFR14250FIB-KD				.57	.37	.21	.60	.250 x .032	6.3 x .8			1500

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Disco™ Female Disconnects, Vinyl Barrel Insulated – Funnel Entry

Type DV-B

- Insulation support
- Internal wire stop



Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.)		Tab Size		CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
				L	W	In.	mm			
DV18-187B-3K	22-18 AWG	Red	.150	.77	.23	.187 x .032	4.8 x .8	CD9-1A	CD-800-1	3000
DV18-188B-3K			.150	.77	.23	.187 x .020	4.8 x .5			3000
DV18-205B-3K			.150	.77	.25	.187/.205 x .032	4.8/5.2 x .8			3000
DV18-206B-3K			.150	.77	.25	.187/.205 x .020	4.8/5.2 x .5			3000
DV18-250B-3K			.150	.83	.29	.250 x .032	6.3 x .8			3000
DV14-187B-3K	16-14 AWG	Blue	.170	.77	.23	.187 x .032	4.8 x .8	CD9-2A	CD-800-2	3000
DV14-188B-3K			.170	.77	.23	.187 x .020	4.8 x .5			3000
DV14-205B-3K			.170	.77	.25	.187/.205 x .032	4.8/5.2 x .8			3000
DV14-206B-3K			.170	.77	.25	.187/.205 x .020	4.5/5.2 x .5			3000
DV14-250B-3K			.170	.83	.29	.250 x .032	6.3 x .8			3000
DV10-250-2K*	12-10 AWG	Yellow	.230	.95	.29	.250 x .032	6.3 x .8	CD9-3B	CD-800-3	2000
DV10-250C-2K‡**			.230	.95	.29	.250 x .032	6.4 x .8			2000

*Not UL Listed or CSA Certified.
**UL Recognized and CSA Certified.
‡Compressor tab disconnect to fit .250" tabs with a post style support.

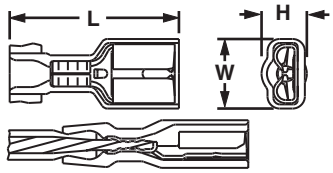
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

DiscoGrip™ Female Disconnects, Fully Insulated – Funnel Entry

Type DPF-FIB

- Premium grade nylon housing
- Standard receptacle housings
- For applications experiencing high vibration or conductor strain
- Internal wire stop



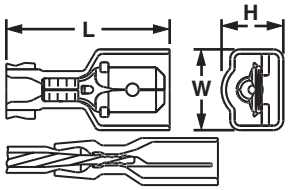
Cross section of *DiscoGrip*™ crimp showing insulation crimp of the wire insulation.

Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
DPF18-110FIB-3K	22-18 AWG	Red	.132	.71	.19	.17	.110 x .032	2.8 x .8	CD9-12A	CD-800-12	3000
DPF18-111FIB-3K			.132	.71	.19	.17	.110 x .020	2.8 x .5			3000
DPF18-187FIB-3K			.136	.78	.29	.16	.187 x .032	4.8 x .8	CD9-10A	CD-800-10	3000
DPF18-188FIB-3K			.136	.78	.29	.16	.187 x .020	4.8 x .5			3000
DPF18-205FIB-3K			.136	.78	.31	.22	.187/.205 x .032	4.8/5.2 x .8			3000
DPF18-206FIB-3K			.136	.78	.31	.22	.187/.205 x .020	4.8/5.2 x .5			3000
DPF18-250FIB-3K			.136	.84	.35	.22	.250 x .032	6.3 x .8			3000
DPF14-187FIB-3K	16-14 AWG	Blue	.160	.78	.29	.18	.187 x .032	4.8 x .8	CD9-11A	CD-800-11	3000
DPF14-205FIB-3K			.160	.78	.31	.22	.187/.205 x .032	4.8/5.2 x .8			3000
DPF14-206FIB-3K			.160	.78	.31	.22	.187/.205 x .020	4.8/5.2 x .5			3000
DPF14-250FIB-3K			.160	.84	.35	.22	.250 x .032	6.3 x .8			3000
DPF10-250FIB-2K	12-10 AWG	Yellow	.220	.96	.35	.23	.250 x .032	6.3 x .8	CD9-13B	CD-800-13	2000

DiscoGrip™ Male Disconnects, Fully Insulated – Funnel Entry

Type DPF-FIM

- Premium grade nylon housing
- Internal wire stop



Cross section of *DiscoGrip*™ crimp showing insulation crimp of the wire insulation.

Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	W	H	Tab Size In.	mm	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
Standard Housing											
DPF18-250FIM-2K	22-18 AWG	Red	.133	.90	.41	.29	.250 x .032	6.3 x .8	CD9-10B	CD-800-10	2000
DPF14-250FIM-2K	16-14 AWG	Blue	.156						CD9-11B	CD-800-11	2000
Oversized Housing											
DPF18-250FIMB-K*	22-18 AWG	Red	.133	.92	.46	.34	.250 x .032	6.3 x .8	CD9-10B	CD-800-10	1000
DPF14-250FIMB-K*	16-14 AWG	Blue	.156						CD9-11B	CD-800-11	1000

*To mate with other manufacturers fully insulated .250 x .032 female receptacles.

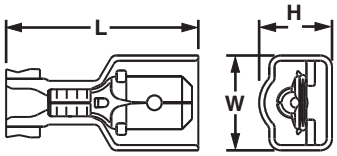
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Disco™ Male Disconnects, Nylon Fully Insulated – Funnel Entry

Type DNF-FIM

- Insulation support
- Internal wire stop



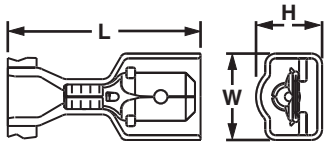
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
Standard Housing											
DNF18-250FIM-2K	22-18 AWG	Red	.133	.90	.42	.30	.250 x .032	6.3 x .8	CD9-4B	CD-800-4	2000
DNF14-250FIM-2K	16-14 AWG	Blue	.158	.90	.42	.30	.250 x .032	6.3 x .8	CD9-5B	CD-800-5	2000
Oversized Housing											
DNF18-250FIMB-K*	22-18 AWG	Red	.135	.91	.45	.34	.250 x .032	6.3 x .8	CD9-4B	CD-800-4	1000
DNF14-250FIMB-K*	16-14 AWG	Blue	.160	.91	.46	.34	.250 x .032	6.3 x .8	CD9-5B	CD-800-5	1000
DNF10-250FIMB-K	12-10 AWG	Yellow	.220	.96	.45	.36	.250 x .032	6.3 x .8	CD9-18B	CD-800-18	1000

*To mate with other manufacturers' fully insulated. 250 x .032 female receptacles.

Disco™ Male Disconnects, Nylon Fully Insulated – Expanded Wire Entry

Type DNF-FIMX

- Standard receptacle housings
- Funnel entry
- Insulation support
- Internal wire stop
- Expanded wire – entry area for large wire insulation O.D. and dual wire applications



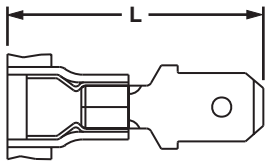
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.)			Tab Size		CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
				L	W	H	In.	mm			
Standard Housing – Expanded Wire Entry Area											
DNF18250FIMX-2K*	22-18 AWG	Red	.244	.97	.41	.29	.250 x .032	6.3 x .8	CD9-8B	CD-800-8	2000
DNF14250FIMX-2K**	16-14 AWG	Blue									2000

*CSA Certified for use with (2) #18 AWG, (2) #20 AWG, or (2) #22 AWG wires.
**CSA Certified for use with (2) #16 AWG or (2) #18 AWG wires.

Disco™ Male Disconnects, Nylon Barrel Insulated – Funnel Entry

Type DNF-M

• Internal wire stop



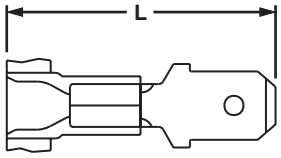
Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	Tab Size In.	Tab Size mm	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
Nylon Insulated – Metal Insulation Grip Sleeve									
DNF18-250M-3K	22-18 AWG	Red	.145	.90	.250 x .032	6.3 x .8	CD9-1A	CD-800-1	3000
DNF14-250M-3K	16-14 AWG	Blue	.162	.90	.250 x .032	6.3 x .8	CD9-2A	CD-800-2	3000
DNF10-250M-2K*	12-10 AWG	Yellow	.225	.95	.250 x .032	6.3 x .8	CD9-3B	CD-800-3	2000

*Not CSA Certified.

Disco™ Male Disconnects, Vinyl Barrel Insulated – Funnel Entry

Type DV-MB

• Internal wire stop



Part Number	Wire Range	Color Code	Max. Ins.	Figure Dimensions (In.) L	Tab Size In.	Tab Size mm	CA9 Series Crimp Die	CA-800 Series Crimp Die	Pieces Per Reel
Vinyl Insulated – Plastic Insulation Crimp									
DV18-250MB-3K	22-18 AWG	Red	.155	.90	.250 x .032	6.3 x .8	CD9-1A	CD800-1	3000
DV14-250MB-3K	16-14 AWG	Blue	.175				CD9-2A	CD-800-2	3000
DV10-250M-2K	12-10 AWG	Yellow	.225				CD9-3B	CD-800-3	2000

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

CA-800, CA-800EZ and CA9 *EZAIR*™ Applicators

Part Number	Part Description	Std. Pkg. Qty.
CA-800	Applicator: used in CP-861 electric press and uses CD-800 series die inserts.	1
CA-800EZ*	Applicator: runs in the AMP* Model T and K bench presses. True "quick change" applicator – no additional plates are necessary. Slide right into the press for easy changeover. Uses CD-800 Series Die inserts.	1
CA9	CA9 *EZAIR*™ Applicator: terminates the entire *REEL SMART*™ product line. This greatly reduces set up and maintenance time and increases productivity. This patented applicator is so smart it automatically adjusts feed stroke to the correct pitch and length for the entire product line. Crimp die changeover in less than 1 minute, minimizes down-time and increases productivity. Fast, easy loading of terminal parts without special instructions or set-up personnel. Simply feed the parts strip into the applicator. All the necessary adjustments are made by the dies and the automatic feed stroke. Used in CP-862 electric press. Safety lockout guard ensures operator safety. Positive stop adjustment rings allow for electrical and insulation crimp adjustments as desired.	1

*AMP is a registered trademark of Tyco Electronics.
**For crimp die information, refer to pages D1.108 to D1.109.

Electric Presses

Part Number	Part Description	Std. Pkg. Qty.
CP-861*	Electric press: 4000+ terminations per hour Operates on 120 AC current Resettable counter Overall size (with reel): width: 33" depth: 19" height: 41" Total weight (without reel): 205 lbs. Includes foot switch.	1
CP-862*	Electric press: 4000+ terminations per hour Operates on 115 VAC current Overall size (with reel): width: 33" depth: 19" height: 41" Total weight (without reel): 205 lbs. Includes foot switch.	1

*Applicator shown, sold separately.

Die Sharpening Kits

• Used to resharpen cutting edges and maintain reliability of CD-800 and CD9 series cutter dies

Part Number	Part Description	Std. Pkg. Qty.
DSF-RS	For use with black oxide cutter dies.	1
DSF-NP	For use with nickel-plated cutter dies.	1

Die Information Chart

Part Number	AWG Wire Range	Color Code	Wire Insulation Strain Relief	Part No. Prefix	60/40 Solder Slug Dia.		Spare Part Number		
					In.	mm	Crimp Die	Cutter Die	Lower Die
CD-800-1	22 – 18 22 – 16 22 – 18 22 – 16	Red	Plastic Ins. Crimp / Insulation Support / Metal Ins. Crimp / Plastic Ins. Crimp	PV, DV-MB, DV-B / BSN / PN, PNF, DNF-M / BSP (Premium Nylon)	.188	4.78	TD13471C06 CD-800 -1	TD13483C02 CD-800 C1	TD17755B01 CD-1
CD-800-1D* **	22 – 18								
CD-800-2	16 – 14 18 – 14 16 – 14 18 – 14	Blue	Plastic Ins. Crimp / Insulation Support / Metal Ins. Crimp / Plastic Ins. Crimp	PV, DV-MB, DV-B / BSN / PN, PNF, DNF-M / BSP (Premium Nylon)			TD13473C05 CD-800 -2	TD13486C03 CD-800 C-2	TD17756B01 C-2
CD-800-2D* **	16 – 14								
CD-800-3	12 – 10 14 – 10 16 – 12 16 – 12 12 – 10	Yellow	Plastic Ins. Crimp / Plastic Ins. Crimp / Metal Ins. Crimp / Plastic Ins. Crimp / Metal Ins. Crimp	PV, PV12, DV / DV-C / PN12 / PV12 / DV-M, PN, PNF, DNF-M			TD13475C06 CD-800 -3	TD13489C02 CD-800 C-3	TD17757B01 C-3
CD-800-4	12 – 18	Red	Insulation Support	DNF-FIB, DNF-FIM, DNF-FIMB, DNF-LPB			TD13833C06 CD-800 -4, 10	TD13505C02 CD-800 C-4	TD17758B01 C-4, 10
CD-800-5	16 – 14	Blue	Insulation Support	DNF-FIB, DNF-FIM, DNF-FIMB, DNF-LPB			TD13634C05 CD-800 -5, 11	TD13508C02 CD-800 C-5	TD17759B01 C-5, 11
CD-800-6	22 – 18	Red	Insulation Support	DNF-FIBX			TD13652C04 CD-800 -6	TD13499C02 CD-800 C-6	TD17760B01 C-6
CD-800-7	22 – 18	Red	Insulation Support	DNF-110FIB, DNF-111FIB, DNF-112FIB	.125	3.18	TD13477C05 CD-800 -7, 12	TD13492C03 CD-800 C-7	TD17761B01 C-7, 12
CD-800-8	16 – 14 22 – 18 16 – 14	Blue / Red / Blue	Insulation Support	DNF-FIBX / DNF-FIMX / DNF-FIMX	.188	4.78	TD13481C06 CD-800 -8	TD13502C03 CD-800 C-8	TD17762B01 C-8
CD-800-9	22 – 14	Red / Blue	Insulation Support	DNFR-FIB	.125	3.18	TD13479C05 CD-800 -9	TD13495C02 CD-800 C-9	TD17763B01 C-9
CD-800-10	22 – 18	Red	*DiscoGrip*™ Insulation Crimp	DPF-FIB, DPF-FIM, DPF-FIMB, DPF-LPB	.188	4.78	TD13633C06 CD-800 -4, 10	TD16233C02 CD-800 C-10	TD17758B01 C-4, 10
CD-800-11	16 – 14	Blue	*DiscoGrip*™ Insulation Crimp	DPF-FIM, DPF-FIMB / DPF-FIB, DPF-LPB			TD13634C05 CD-800 -5, 10	TD16243C01 CD-800 C-11	TD17759B01 CD-5, 11
CD-800-12	22 – 18	Red	*DiscoGrip*™ Insulation Crimp	DPF-110FIB, DPF-111FIB	.125	3.18	TD13477C05 CD-800 -7, 12	TD16235C02 CD-800 C-12	TD17761B01 C-7, 12
CD-800-13	12 – 10	Yellow	Insulation Support / *DiscoGrip*™ Insulation Crimp	DNF-FIB / DPF-FIB	.188	4.78	TD19116C03 CD-800 -13	TD19115C05 CD-800 C-13	TD19424B01 C-13
CD-800-14	22 – 18 16 – 14	Red / Blue	Metal Insulation Crimp	DNG-FL	.125	3.18	TD22943C01 CD-800 -14	TD22944C01 CD-800 C-14	TD22960B01 C-14
CD-800-15	22 – 18	Red	Metal Insulation Crimp	DNG-FB	.188	4.78	TD22945C01 CD-800 -15	TD22946C01 CD-800 C-15	TD22961B01 C-15
CD-800-16	16 – 14	Blue	Metal Insulation Crimp	DNG-FB			TD22947C01 CD-800 -16	TD22948C01 CD-800 C-16	TD22962B01 C-16
CD-800-17	12 – 10	Yellow	Insulation Support	BSN			TD23601C01 CD-800-17	TD23600C01 CD-800-17	TD23612B01 CD-800-17
CD-800-18	12 – 10	Yellow	Plastic Insulation Crimp	DNF-FIMB			TD13475C06 CD-800-18	TD23773C01 CD-800-18	TD17757B01 CD-800-18

TA13721A01 = 60/40 Solder Slug with 1/8" (.125) outer diameter.
TA13722A01 = 60/40 Solder Slug with 3/16" (.188) outer diameter.
(1) Insulation Support: Minimum wire insulation strain relief for normal applications.
Plastic and *DiscoGrip*™ insulation Crimp: Secondary wire insulation strain relief for high vibration or conductor strain applications.
Metal Insulation Grip: Maximum wire insulation strain relief for high vibration or conductor strain applications.
***Modified lower die for barrel insulated disconnects DV-B series. Available as a complete die set or just lower die assembly.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Die Information Chart (continued)

Part Number	Color Code	AWG Wire Range	Wire Insulation Strain Relief	Part No. Prefix	60/40 Solder Slug Dia.		Spare Part Number		
					In.	mm	Crimp Die	Cutter Die	Lower Die
CD9-1A	Red	22 – 16 22 – 16 22 – 18 22 – 18	Insulation Support / Plastic Ins. Crimp / Plastic Ins. Crimp / Metal Ins. Grip	BSN / BSP / PV,DV-B,DV-MB / PN, PNF, DNF-M	.188	4.78	TD24129C01	TD24139C01	TD24149C01
CD9-1AD* **		22 – 18	Plastic Insulation Crimp Metal Insulation Grip	PV, DV-B, DV-MB, PN, PNF, DNF-M	.188	4.78			
CD9-1B		22 – 18	Plastic Insulation Crimp	PV-56R, PV-38R	.188	4.78			
CD9-2A	Blue	18 – 14 18 – 14 16 – 14 16 – 14 16 – 14	Insulation Support / Plastic Ins. Crimp / Insulation Support / Plastic Ins. Crimp / Metal Ins. Grip	BSN / BSP / BSN / PV, DV-B, DV-MB / PN, PNF, DNF-M	.188	4.78	TD24130C01	TD24140C01	TD23712C01
CD9-2AD* **		16 – 14	Insulation Support Plastic Insulation Crimp Metal Insulation Grip	BSN, PV, DV-B, DV-MB, PN, PNF, DNF-M	.188	4.78			
CD9-2B		16 – 14	Plastic Insulation Crimp	PV-56R, PV-38R	.188	4.78			
CD9-3B	Yellow	12 – 10 12 – 10 16 – 12	Plastic Ins. Crimp / Metal Ins. Grip / Plastic Ins. Crimp	PV, DV, DV-M / PN, PNF, DNF-M / PV12, PN12	.188	4.78	TD24131C01	TD24141C01	TD23713C01
CD9-4A	Red	22 – 18	Insulation Support	DNF-FIB, DNF-LPB	.188	4.78	TD24132C01	TD24142C01	TD24150C01
CD9-4B		22 – 18	Insulation Support	DNF-FIM, DNF-FIMB	.188	4.78			
CD9-5A	Blue	16 – 14	Insulation Support	DNF-FIB, DNF-LPB	.188	4.78	TD24133C01	TD24143C01	TD24151C01
CD9-5B		16 – 14	Insulation Support	DNF-FIM, DNF-FIMB	.188	4.78			
CD9-6B	Red	22 – 18	Insulation Support	DNF-FIBX	.188	4.78	TD23700C01	TD23683C01	TD23716C01
CD9-7A	Red	22 – 18	Insulation Support	DNF-110/111/112FIB	.125	3.18	TD23701C02	TD23684C01	TD23717C01
CD9-8B	Blue / Red / Blue	16 – 14 22 – 14	Insulation Support / Insulation Support	DNF-FIBX / DNF-FIMX	.188	4.78	TD23702C01	TD23685C01	TD23718C01
CD9-9C	Red / Blue	22 – 14	Insulation Support	DNFR-FIB	.125	3.18	TD23703C01	TD23686C01	TD23719C01
CD9-10A	Red	22 – 18	*DiscoGrip*™ Insulation Crimp	DPF-FIB, DPF-LPB	.188	4.78	TD24132C01	TD24144C01	TD24150C01
CD9-10B	Red	22 – 18	*DiscoGrip*™ Insulation Crimp	DPF-FIM, DPF-FIMB	.188	4.78			
CD9-11A	Blue	16 – 14	*DiscoGrip*™ Insulation Crimp	DPF-FIB, DPF-LPB	.188	4.78	TD24133C01	TD23688C01	TD24151C01
CD9-11B	Blue	16 – 14	*DiscoGrip*™ Insulation Crimp	DPF-FIM, DPF-FIMB	.188	4.78			
CD9-12A	Red	22 – 18	*DiscoGrip*™ Insulation Crimp	DPF-110FIB, DFP-111FIB	.125	3.18	TD23701C02	TD23689C01	TD23717C01
CD9-13B	Yellow	12 – 10	Insulation Support / *DiscoGrip*™ Insulation Crimp	DNF-FIB / DPF-FIB	.188	4.78	TD24134C01	TD24145C01	TD24152C01
CD9-14A	Red / Blue	22 – 18 16 – 14	Metal Insulation Grip	DNG-FL	.125	3.18	TD23705C01	TD23691C01	TD23721C01
CD9-15A	Red	22 – 18	Metal Insulation Grip	DNG-FB	.188	4.78	TD24135C01	TD24146C01	TD24153C01
CD9-16A	Blue	16 – 14	Metal Insulation Grip	DNG-FB	.188	4.78	TD24136C01	TD24147C01	TD24154C01
CD9-17B	Yellow	12 – 10	Insulation Support	BSN	.188	4.78	TD24110C01	TD24109C01	TD24111C01 TD24112C01
CD9-18B	Yellow	12 – 10	Insulation Support	DNF-FIMB	.188	4.78	TD24131C01	TD23766C01	TD23713C01

TA13721A01 = 60/40 Solder Slug with 1/8" (.125) outer diameter.
TA13722A01 = 60/40 Solder Slug with 3/16" (.188) outer diameter.
(1) Insulation Support: Minimum wire insulation strain relief for normal applications.
Plastic and *DiscoGrip*™ Insulation Crimp: Secondary wire insulation strain relief for high vibration or conductor strain applications.
Metal Insulation Grip: Maximum wire insulation strain relief for high vibration or conductor strain applications.
***Modified lower die for barrel insulated disconnects DV-B series. Available as a complete die set or just lower die assembly.

CA9 *EZAIR*™, CA-800EZ and CA-800 Applicators Wire Processing Machine Manufacturer/Press Compatibility

Manufacturer	Wire Processing Machine with (WPM) or Bench Press Only	*PANDUIT* Applicators		
		CA9 *EZAIR*™	CA-800EZ*	CA-800*
PANDUIT	CP-851 Bench Press Only			A
	CP-861 Bench Press Only			A
	CP-862 Bench Press Only	A[1]		
AMP	CLS III G w/ G Press (WPM)	A[1]		
	CLS IV w/ G Press (WPM)	A[1]		
	CLS IV G Plus w/ G Press (WPM)	A[1]		
	G Bench Press Only	A[1]	B	
	CLS II w/ T Press (WPM)	A[1]		
	CLS III w/ T Press (WPM)	A[1]	A	
	T Bench Press Only	A[3]	A	
	K Bench Press Only			
ARTOS	CS-600 w/ AMP G Press (WPM)	A[1]		
	CS-600 w/ TU7M Press (WPM)		A	
	CS-600 w/ TU-10 Press (WPM)	A[1]		
	MTX Series 5 w/ TU-10 Press (WPM)	A[1]		
GAMMA MECCANICA	T20P-110V Bench Press Only	A[1]		
KODERA	Series C451/C450 (WPM)	A[1]		
	Series C551/C550 (WPM)	A[1]		
KOMAX	Gamma 311 w/ Mecal K300 Press (WPM)	A[1]	B[2]	
	Gamma 333 w/mci 711 Press (WPM)	A[1]		
	Alpha 411 w/ Mecal PE7 or P107 Press (WPM)	A[1]	B[2]	
	Alpha 433 w/ Mecal PE7 or P107 Press (WPM)	A[1]		
	40T w/ Mecal PE7 Press (WPM)	A[1]		
	40T w/ PANDUIT CP-861 Press (WPM)			A
	bt711 Bench Press Only		A[4]	
MEGOMAT	AMS 3001A / APE 300 Press (WPM)	A[1]		
	Contact (WPM)	A[1]		
	Primo w/ MP-3.0 Press (WPM)	A[1]		
MOLEX	EP-20 Bench Press Only		A	
	TM-2000 Bench Press Only		A	
SCHLEUNIGER	Crimp Center 12 w/ ACP01 Press (WPM)	A[1]		
SHINMAYWA	TR101 (WPM)		A	
	TRD111 / TR111 (WPM)	A[1]	B	

A = Best Choice (suited for particular application) – B = Second Choice (also suited for particular application).

Special Requirements:
*Refer to the specific applicator operation manual for installation instructions.
[1] See specific section of installation manual for details.
[2] Komax press shim is required to operate CA-800EZ Applicator.
[3] Bench press air feed capability is required.
[4] Remove press wire stripper.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Performance Requirements

	Wire Size (AWG)								
	#26	#24	#22	#20	#18	#16	#14	#12	#10
UL 486A (TERMINALS), UL310 (MALE BLADE ADAPTERS)									
Test Current for Max. 50°C Rise (Amps)	3.5	7	9	12	17	18	30	35	50
Min. Tensile Strength* (Lbs.)	3	5	8	13	20	30	50	70	80
UL 486C (SPLICES)									
Test Current for Max. 50°C Rise (Amps)	5.5	7	9	12	17	18	30	35	50
Min. Tensile Strength* (Lbs.)	3	5	8	10	10	15	25	35	40

*Pull-out force of the crimped terminal.

Applicable *PAN-TERM*® products meet or exceed the following test specifications:

- UL486A (Terminals)
- UL486C (Splices)
- UL310 (Blade Adapters)
- CSA C22.2 No. 65 (all designs)

UL and CSA approved products are shown with the applicable logos in the product section.

UL file #E52164, CSA File #LR31212

	Wire Size (AWG)						
	#22	#20	#18	#16	#14	#12	#10
UL310 (DISCONNECTS)							
Continuous Test Current for Max. 30°C Rise (Amps) (for .187", .205", .250" tab widths)	3	4	7	10	15	20	24
Continuous Test Current for Max. 30°C Rise (Amps) (for .110" tab width)	2	3	4	5	Not Applicable		
Min. Tensile Strength* (Lbs.)	8	13	20	30	50	70	80

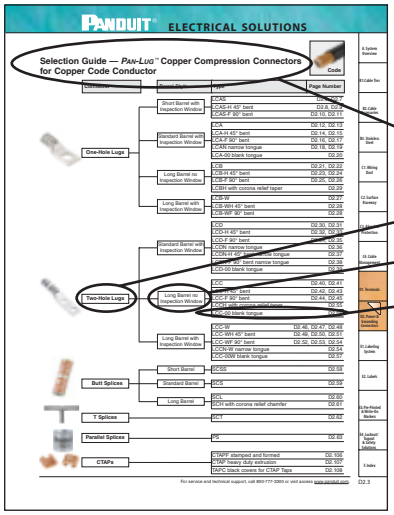
*Pull-out force of the crimped disconnect.

Applicable *REEL SMART*™ products meet or exceed the following test specifications:

- Listed per Underwriters Laboratories, Inc. Standard UL 310 (Disconnects)
- Recognized under the Component Recognition Program of Underwriters Laboratories Inc.
- Certified by Canadian Standards Association (Disconnects)
- UL and CSA listed products are shown with the applicable logos in the product section.
- UL file #E78522. CSA file #LR31212.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Compression Connector Reference Information



Selection Guide

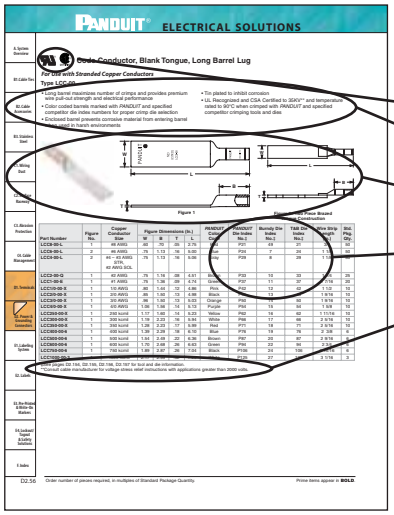
- Provides a quick and easy method to select the proper connector to meet the specific application requirements

Conductor Type

Stud Hole Configuration

Barrel Style

Product Type and Page Number



Product Page

- Includes all necessary information for part identification and selection

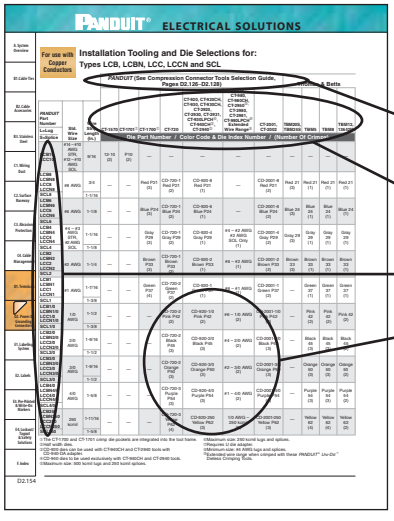
Agency Listings

Features and Benefits

Full Color Photo and Two-View Drawing

***PANDUIT* and Competitor Die Information**

Page Reference for *PANDUIT* and Competitor Installation Tooling and Die Selection Charts



Installation Tooling and Die Selection Chart

- Contains comprehensive tool and die installation information for *PANDUIT* compression connectors with both *PANDUIT* and competitor tools

Page Reference to Compression Connector Tools Selection Guide for Detailed Information on *PANDUIT* Tools

***PANDUIT* and Competitor Tools**

Product Type Listed by Conductor Size

Die Part Number, Color Code, Die Index Number and Number of Crimps for Each Product Type and Tool Combination

PAN-LUG™ COMPRESSION CONNECTORS

PANDUIT® *PAN-LUG*™ Compression Connectors provide permanent terminations for a variety of power and grounding applications, with innovation, highest reliability and lowest installed cost. *PANDUIT* offers the first and only copper compression lugs and splices that meet Network Equipment-Building Systems (NEBS) Level 3 requirements as tested by Telcordia Technologies. NEBS Level 3 assures that product performance is suitable for equipment applications that demand minimal service interruptions over the life span of the equipment.

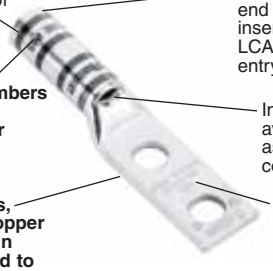
- **Functional product information is marked directly on the connector, facilitating the identification, ordering and usage of the compression connector**
- **Color coded to facilitate quick identification of the proper crimping die**
- **Made from high strength, high conductivity electrolytic copper and aluminum alloy materials to provide optimum connectivity for power and grounding applications**
- **UL Listed or Recognized, CSA Certified, ABS Type Approved and tested by Telcordia – meets NEBS Level 3, as noted**
- **Terminations using *PANDUIT*® *PAN-LUG*™ Compression Connectors are also UL Listed and CSA Certified with specified competitor tools**
- **Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost**

PANDUIT® *PAN-LUG*™ Compression Connectors are designed for use with many different code and flex conductor types and are available in a broad range of styles and sizes including copper one-hole, two-hole and blank tongue lugs and splices; aluminum one-hole and two-hole lugs and splices; copper CTAP style taps; copper in-line reducing splices; and innovative copper HTAPs with snap-on clear covers. *PANDUIT* offers a wide assortment of *PAN-LUG*™ Power and Grounding Connectors to meet customer needs and today's application requirements.

Features and Benefits – *PAN-LUG*™ Compression Connectors

Bolded features are unique to *PANDUIT*

Copper Lugs



Color coded bands for proper die selection and crimp placement

Easy-to-read, color coded die index numbers for *PANDUIT* and specified competitor crimping dies for selection

Made from seamless, high conductivity copper tubing and electro tin plated and burnished to inhibit corrosion

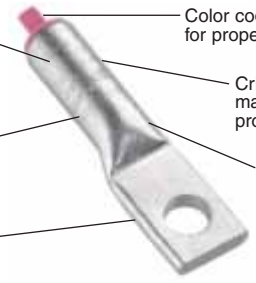
Internally beveled barrel end for easy conductor insertion (types LCCF and LCAF available with flared entry for flex conductor)

Inspection windows available to assure complete conductor insertion

Part number, stud size and conductor size marked on part for easy identification

UL LISTED CSA CERTIFIED

Aluminum Lugs



Easy-to-read die index numbers for *PANDUIT* and specified competitor crimping dies for selection

Part number and conductor size marked on part for easy identification

Made from seamless wrought aluminum and electro tin plated to inhibit corrosion

Color coded end plugs for proper die selection

Crimping areas marked on part for proper crimp placement

Factory pre-filled with oxide inhibitor to prevent oxidation

UL LISTED CSA CERTIFIED

Copper HTAPs

Easy-to-read, color coded die index number for *PANDUIT* crimping dies, legible after crimping, for selection

Conductor sizes for each tap pocket marked on part

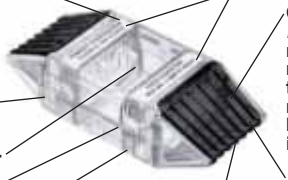
Part number and agency listings marked on part for easy identification

Slotted design to reduce installation time when used with *PANDUIT* cable ties (included)

Made from high conductivity copper and electro tin plated to inhibit corrosion

c UL us LISTED CSA CERTIFIED

Clear Covers for Copper HTAPs



Optically clear to allow 360° inspections

Made from high impact strength self-extinguishing plastic with UL94V-0 flammability rating and minimum oxygen index of 28

Built-in flanges retain HTAP in cover

Easy to assemble snap-on design

Molded in flash barriers protect against electrical flash over

Retainer clips to hold labels inside cover*. Retainer clips have a write-on surface for manual marking

Corresponding *PANDUIT* HTAP part number, voltage rating and temperature rating molded into cover half for easy identification

Low profile design minimizes space requirements

Flexible fingers closely conform to conductor preventing foreign objects from entering cover

c UL us LISTED CSA CERTIFIED

*Labels shown printed with *PANDUIT* LS7 Printer.
See page E1.8

Copper In-Line Reducing Splices

Internally beveled barrel end for easy conductor insertion

Easy-to-read, color coded die index numbers for *PANDUIT* and specified competitor crimping dies for selection

Made from seamless, high conductivity copper tubing and electro tin plated and burnished to inhibit corrosion

Compact size provides low profile installation

Part number and conductor size and type marked on part for easy identification

Color coded for proper die selection

Inspection windows to assure complete conductor insertion

Crimping areas marked on each barrel for proper crimp placement

c UL us LISTED CSA CERTIFIED

Compression connector crimping tools speed installation and reduce total installed cost. See pages D2.123 – D2.186.

PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements. See pages E1.1 – E2.30.

Heat shrink tubing provides an economical and easy way to insulate, protect, harness and color code electrical and electronic components. See pages C3.10 – C3.29.

Selection Guide – *PAN-LUG*™ Copper Compression Connectors for Copper Code Conductor

Connector	Barrel Style	Type	Page Number
One-Hole Lugs	Short Barrel with Inspection Window	LCAS	D2.6, D2.7
		LCAS-H 45° bent	D2.8, D2.9
		LCAS-F 90° bent	D2.10, D2.11
	Standard Barrel with Inspection Window	LCA	D2.12, D2.13
		LCA-H 45° bent	D2.14, D2.15
		LCA-F 90° bent	D2.16, D2.17
		LCAN narrow tongue	D2.18, D2.19
		LCA-00 blank tongue	D2.20
	Long Barrel no Inspection Window	LCB	D2.21, D2.22
		LCB-H 45° bent	D2.23, D2.24
		LCB-F 90° bent	D2.25, D2.26
		LCBH with corona relief taper	D2.29
	Long Barrel with Inspection Window	LCB-W	D2.27
		LCB-WH 45° bent	D2.28
		LCB-WF 90° bent	D2.28
Two-Hole Lugs	Standard Barrel with Inspection Window	LCD	D2.30, D2.31
		LCD-H 45° bent	D2.32, D2.33
		LCD-F 90° bent	D2.34, D2.35
		LCDN narrow tongue	D2.36
		LCDN-H 45° bent narrow tongue	D2.37
		LCDN-F 90° bent narrow tongue	D2.38
		LCD-00 blank tongue	D2.39
	Long Barrel no Inspection Window	LCC	D2.40, D2.41
		LCC-H 45° bent	D2.42, D2.43
		LCC-F 90° bent	D2.44, D2.45
		LCCH with corona relief taper	D2.55
		LCC-00 blank tongue	D2.56
	Long Barrel with Inspection Window	LCC-W	D2.46, D2.47, D2.48
		LCC-WH 45° bent	D2.49, D2.50, D2.51
		LCC-WF 90° bent	D2.52, D2.53, D2.54
		LCCN-W narrow tongue	D2.54
		LCC-00W blank tongue	D2.57
Butt Splices	Short Barrel	SCSS	D2.58
	Standard Barrel	SCS	D2.59
	Long Barrel	SCL	D2.60
		SCH with corona relief chamfer	D2.61
T Splices		SCT	D2.62
Parallel Splices		PS	D2.63
CTAPs		CTAPF stamped and formed	D2.106
		CTAP heavy duty extrusion	D2.107
		TAPC black covers for CTAP Taps	D2.108

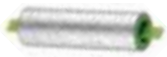
Selection Guide – *PAN-LUG*™ Copper Compression Connectors for Copper Code and/or Flex Conductor

Connector	Barrel Style	Type	Page Number
One-Hole Lugs	Standard Barrel with Inspection Window Code & Flex	LCAX	D2.64, D2.65
		LCAX-H 45° bent	D2.66, D2.67
		LCAX-F 90° bent	D2.68, D2.69
		LCAXN narrow tongue	D2.70
		LCAXN-H 45° bent narrow tongue	D2.70
		LCAXN-F 90° bent narrow tongue	D2.71
	Standard Barrel with Inspection Window and Flared Entry Flex	LCAF	D2.72, D2.73
		LCAF-H 45° bent	D2.74, D2.75
		LCAF-F 90° bent	D2.76, D2.77
	Long Barrel with Inspection Window Code & Flex	LCBX	D2.78
		LCBX-H 45° bent	D2.79
		LCBX-F 90° bent	D2.80
Two-Hole Lugs	Standard Barrel with Inspection Window Code & Flex	LCDX	D2.81, D2.82
		LCDX-H 45° bent	D2.83, D2.84
		LCDX-F 90° bent	D2.85, D2.86
		LCDXN narrow tongue	D2.87
		LCDXN-H 45° bent narrow tongue	D2.88
		LCDXN-F 90° bent narrow tongue	D2.88
	Long Barrel no Inspection Window Flared Entry Flex	LCCF	D2.95, D2.96
		LCCF-H 45° bent	D2.97, D2.98
		LCCF-F 90° bent	D2.99, D2.100
	Long Barrel with Inspection Window Code & Flex	LCCX	D2.89, D2.90
		LCCX-H 45° bent	D2.91, D2.92
		LCCX-F 90° bent	D2.93, D2.94
Butt Splices with Flared Entry Flex		SCSF	D2.101
Reducing Splices with Inspection Window Code & Flex		RSCK kits with reducing splice and clear heat shrink	D2.102, D2.103
		RSC reducing splices	D2.104, D2.105
HTAPs Code & Flex		HTWC kits with HTAPs and clear covers	D2.109
		HTCT taps	D2.110, D2.111
		CLRCVR clear covers for HTCT taps	D2.111

Selection Guide – *PAN-LUG*™ Aluminum Compression Connectors for Aluminum or Copper Code Conductor

Connector	Type	Page Number
One-Hole Lugs	LAA	D2.115

Two-Hole Lugs	LAB	D2.116



Butt Splices	SA	D2.118

Reducing Splices	SAR	D2.119

Bi-Metallic Pin Connectors for Aluminum Conductors Only	BPC	D2.120

HTAP Taps	HTAP	D2.121
	TAPC black covers for HTAP taps	D2.108

Belleville Washers	CW	D2.117, D2.223

Joint Compounds	CMP	D2.122, D2.223

Part Number System for *PAN-LUG*™ Compression Lugs

LCD — **2/0** — **38** **D** **F** — **X**

Type

Ex: LCD Lug, Copper Two Hole Standard Barrel

Conductor Size

Stud Hole Size

10 = #10
14 = 1/4"
56 = 5/16"
38 = 3/8"
12 = 1/2"
58 = 5/8"
34 = 3/4"
78 = 7/8"
00 = Blank Tongue*

* LCA, LCC and LCD styles only

Two Stud Hole Spacing

A = .625"
B = .750"
C = .875"
D = 1.0"
E = 1.25"
G = 1.5"
J = .5"
K = 2"
M = 1.375"
P = .688"
Q = 1.125"
No Letter = 1.75"

Tongue Angle

H = 45° Angle
F = 90° Angle
No Letter = Straight

Standard Package Size

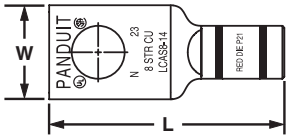
1 = 1
2 = 2
3 = 3
5 = 5
6 = 6
X = 10
E = 20
Q = 25
L = 50

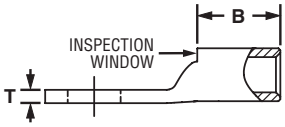
Code Conductor, One-Hole, Short Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCAS

- Short barrel for limited space applications
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved





Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCAS8-10-L	#8 AWG	#10	.41	.42	.08	1.11	Red	P21	49	21	1/2	50
LCAS8-14-L		1/4	.48	.42	.07	1.20	Red	P21	49	21	1/2	50
LCAS8-56-L		5/16	.56	.42	.05	1.32	Red	P21	49	21	1/2	50
LCAS8-38-L		3/8	.60	.42	.05	1.42	Red	P21	49	21	1/2	50
LCAS6-10-L	#6 AWG	#10	.45	.48	.09	1.19	Blue	P24	7	24	9/16	50
LCAS6-14-L		1/4	.48	.48	.08	1.28	Blue	P24	7	24	9/16	50
LCAS6-56-L		5/16	.56	.48	.07	1.40	Blue	P24	7	24	9/16	50
LCAS6-38-L		3/8	.62	.48	.06	1.50	Blue	P24	7	24	9/16	50
LCAS4-10-L	#4 AWG	#10	.55	.53	.09	1.26	Gray	P29	8	29	5/8	50
LCAS4-14-L		1/4	.55	.53	.09	1.35	Gray	P29	8	29	5/8	50
LCAS4-56-L		5/16	.55	.53	.09	1.47	Gray	P29	8	29	5/8	50
LCAS4-38-L		3/8	.62	.53	.07	1.57	Gray	P29	8	29	5/8	50
LCAS2-14-Q	#2 AWG	1/4	.60	.57	.10	1.46	Brown	P33	10	33	5/8	25
LCAS2-56-Q		5/16	.66	.57	.10	1.58	Brown	P33	10	33	5/8	25
LCAS2-38-Q		3/8	.66	.57	.10	1.66	Brown	P33	10	33	5/8	25
LCAS2-12-Q		1/2	.75	.57	.08	1.89	Brown	P33	10	33	5/8	25
LCAS1-14-E	#1 AWG	1/4	.70	.59	.11	1.50	Green	P37	11	37	11/16	20
LCAS1-56-E		5/16	.70	.59	.11	1.63	Green	P37	11	37	11/16	20
LCAS1-38-E		3/8	.70	.59	.11	1.70	Green	P37	11	37	11/16	20
LCAS1-12-E		1/2	.75	.59	.09	1.94	Green	P37	11	37	11/16	20
LCAS1/0-14-X	1/0 AWG	1/4	.76	.66	.12	1.67	Pink	P42	12	42	3/4	10
LCAS1/0-56-X		5/16	.76	.66	.12	1.72	Pink	P42	12	42	3/4	10
LCAS1/0-38-X		3/8	.76	.66	.12	1.80	Pink	P42	12	42	3/4	10
LCAS1/0-12-X		1/2	.80	.66	.12	2.03	Pink	P42	12	42	3/4	10
LCAS2/0-14-X	2/0 AWG	1/4	.85	.72	.13	1.82	Black	P45	13	45	3/4	10
LCAS2/0-56-X		5/16	.85	.72	.13	1.82	Black	P45	13	45	3/4	10
LCAS2/0-38-X		3/8	.85	.72	.13	1.89	Black	P45	13	45	3/4	10
LCAS2/0-12-X		1/2	.85	.72	.13	2.14	Black	P45	13	45	3/4	10

‡See pages D2.148, D2.149 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, One-Hole, Short Barrel with Window Lug (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAS3/0-14-X	3/0 AWG	1/4	.96	.83	.13	1.97	Orange	P50	14	50	7/8	10
LCAS3/0-56-X		5/16	.96	.83	.13	1.97	Orange	P50	14	50	7/8	10
LCAS3/0-38-X		3/8	.96	.83	.13	2.03	Orange	P50	14	50	7/8	10
LCAS3/0-12-X		1/2	.96	.83	.13	2.28	Orange	P50	14	50	7/8	10
LCAS4/0-14-X	4/0 AWG	1/4	1.06	.91	.14	2.08	Purple	P54	15	54	1	10
LCAS4/0-56-X		5/16	1.06	.91	.14	2.10	Purple	P54	15	54	5/16	10
LCAS4/0-38-X		3/8	1.06	.91	.14	2.17	Purple	P54	15	54	1	10
LCAS4/0-12-X		1/2	1.06	.91	.14	2.40	Purple	P54	15	54	1	10
LCAS250-14-X	250 kcmil	1/4	1.17	1.03	.14	2.25	Yellow	P62	16	62	1 1/8	10
LCAS250-56-X		5/16	1.17	1.03	.14	2.25	Yellow	P62	16	62	1 1/8	10
LCAS250-38-X		3/8	1.17	1.03	.14	2.32	Yellow	P62	16	62	1 1/8	10
LCAS250-12-X		1/2	1.17	1.03	.14	2.56	Yellow	P62	16	62	1 1/8	10

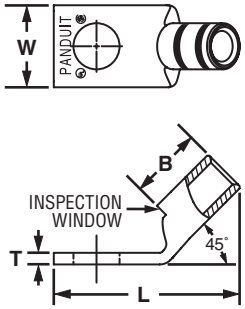
‡See pages D2.148, D2.149 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code Conductor, One-Hole, Short Barrel with Window Lug, 45° Angle

For Use with Stranded Copper Conductors

Type LCAS-H

- Short barrel for limited space applications
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCAS8-10H-L	#8 AWG	#10	.41	.42	.08	1.00	Red	P21	49	21	1/2	50
LCAS8-14H-L		1/4	.48	.42	.07	1.09	Red	P21	49	21	1/2	50
LCAS8-56H-L		5/16	.56	.42	.05	1.20	Red	P21	49	21	1/2	50
LCAS8-38H-L		3/8	.60	.42	.05	1.30	Red	P21	49	21	1/2	50
LCAS6-10H-L	#6 AWG	#10	.45	.48	.09	1.06	Blue	P24	7	24	9/16	50
LCAS6-14H-L		1/4	.48	.48	.08	1.14	Blue	P24	7	24	9/16	50
LCAS6-56H-L		5/16	.56	.48	.07	1.26	Blue	P24	7	24	9/16	50
LCAS6-38H-L		3/8	.62	.48	.06	1.35	Blue	P24	7	24	9/16	50
LCAS4-10H-L	#4 AWG	#10	.55	.53	.09	1.12	Gray	P29	8	29	5/8	50
LCAS4-14H-L		1/4	.55	.53	.09	1.21	Gray	P29	8	29	5/8	50
LCAS4-56H-L		5/16	.55	.53	.09	1.33	Gray	P29	8	29	5/8	50
LCAS4-38H-L		3/8	.62	.53	.07	1.42	Gray	P29	8	29	5/8	50
LCAS2-14H-Q	#2 AWG	1/4	.60	.57	.10	1.27	Brown	P33	10	33	5/8	25
LCAS2-56H-Q		5/16	.66	.57	.10	1.39	Brown	P33	10	33	5/8	25
LCAS2-38H-Q		3/8	.66	.57	.10	1.46	Brown	P33	10	33	5/8	25
LCAS2-12H-Q		1/2	.75	.57	.08	1.68	Brown	P33	10	33	5/8	25
LCAS1-14H-E	#1 AWG	1/4	.70	.59	.11	1.29	Green	P37	11	37	11/16	20
LCAS1-56H-E		5/16	.70	.59	.11	1.42	Green	P37	11	37	11/16	20
LCAS1-38H-E		3/8	.70	.59	.11	1.49	Green	P37	11	37	11/16	20
LCAS1-12H-E		1/2	.75	.59	.09	1.73	Green	P37	11	37	11/16	20
LCAS1/0-14H-X	1/0 AWG	1/4	.76	.66	.12	1.43	Pink	P42	12	42	3/4	10
LCAS1/0-56H-X		5/16	.76	.66	.12	1.49	Pink	P42	12	42	3/4	10
LCAS1/0-38H-X		3/8	.76	.66	.12	1.56	Pink	P42	12	42	3/4	10
LCAS1/0-12H-X		1/2	.80	.66	.12	1.79	Pink	P42	12	42	3/4	10
LCAS2/0-14H-X	2/0 AWG	1/4	.85	.72	.13	1.58	Black	P45	13	45	3/4	10
LCAS2/0-56H-X		5/16	.85	.72	.13	1.58	Black	P45	13	45	3/4	10
LCAS2/0-38H-X		3/8	.85	.72	.13	1.64	Black	P45	13	45	3/4	10
LCAS2/0-12H-X		1/2	.85	.72	.13	1.89	Black	P45	13	45	3/4	10

‡See pages D2.148, D2.149 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, One-Hole, Short Barrel with Window Lug, 45° Angle (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAS3/0-14H-X	3/0 AWG	1/4	.96	.83	.13	1.68	Orange	P50	14	50	7/8	10
LCAS3/0-56H-X		5/16	.96	.83	.13	1.68	Orange	P50	14	50	7/8	10
LCAS3/0-38H-X		3/8	.96	.83	.13	1.74	Orange	P50	14	50	7/8	10
LCAS3/0-12H-X		1/2	.96	.83	.13	1.99	Orange	P50	14	50	7/8	10
LCAS4/0-14H-X	4/0 AWG	1/4	1.06	.91	.14	1.77	Purple	P54	15	54	1	10
LCAS4/0-56H-X		5/16	1.06	.91	.14	1.78	Purple	P54	15	54	1	10
LCAS4/0-38H-X		3/8	1.06	.91	.14	1.85	Purple	P54	15	54	1	10
LCAS4/0-12H-X		1/2	1.06	.91	.14	2.08	Purple	P54	15	54	1	10
LCAS250-14H-X	250 kcmil	1/4	1.17	1.03	.14	1.89	Yellow	P62	16	62	1 1/8	10
LCAS250-56H-X		5/16	1.17	1.03	.14	1.90	Yellow	P62	16	62	1 1/8	10
LCAS250-38H-X		3/8	1.17	1.03	.14	1.97	Yellow	P62	16	62	1 1/8	10
LCAS250-12H-X		1/2	1.17	1.03	.14	2.20	Yellow	P62	16	62	1 1/8	10

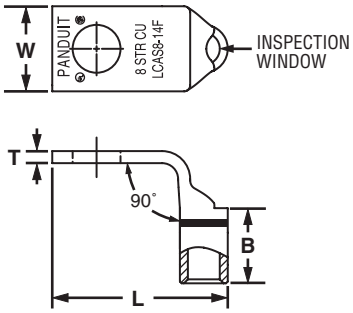
‡See pages D2.148, D2.149 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code Conductor, One-Hole, Short Barrel with Window Lug, 90° Angle

For Use with Stranded Copper Conductors

Type LCAS-F

- Short barrel for limited space applications
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCAS8-10F-L	#8 AWG	#10	.41	.42	.08	.90	Red	P21	49	21	1/2	50
LCAS8-14F-L		1/4	.48	.42	.07	.99	Red	P21	49	21	1/2	50
LCAS8-56F-L		5/16	.56	.42	.05	1.11	Red	P21	49	21	1/2	50
LCAS8-38F-L		3/8	.60	.42	.05	1.21	Red	P21	49	21	1/2	50
LCAS6-10F-L	#6 AWG	#10	.45	.48	.09	.94	Blue	P24	7	24	9/16	50
LCAS6-14F-L		1/4	.48	.48	.08	1.03	Blue	P24	7	24	9/16	50
LCAS6-56F-L		5/16	.56	.48	.07	1.15	Blue	P24	7	24	9/16	50
LCAS6-38F-L		3/8	.62	.48	.06	1.25	Blue	P24	7	24	9/16	50
LCAS4-10F-L	#4 AWG	#10	.55	.53	.09	1.03	Gray	P29	8	29	5/8	50
LCAS4-14F-L		1/4	.55	.53	.09	1.12	Gray	P29	8	29	5/8	50
LCAS4-56F-L		5/16	.55	.53	.09	1.24	Gray	P29	8	29	5/8	50
LCAS4-38F-L		3/8	.62	.53	.07	1.34	Gray	P29	8	29	5/8	50
LCAS2-14F-Q	#2 AWG	1/4	.60	.57	.10	1.24	Brown	P33	10	33	5/8	25
LCAS2-56F-Q		5/16	.66	.57	.10	1.36	Brown	P33	10	33	5/8	25
LCAS2-38F-Q		3/8	.66	.57	.10	1.44	Brown	P33	10	33	5/8	25
LCAS2-12F-Q		1/2	.75	.57	.08	1.67	Brown	P33	10	33	5/8	25
LCAS1-14F-E	#1 AWG	1/4	.70	.59	.11	1.31	Green	P37	11	37	11/16	20
LCAS1-56F-E		5/16	.70	.59	.11	1.44	Green	P37	11	37	11/16	20
LCAS1-38F-E		3/8	.70	.59	.11	1.51	Green	P37	11	37	11/16	20
LCAS1-12F-E		1/2	.75	.59	.09	1.75	Green	P37	11	37	11/16	20
LCAS1/0-14F-X	1/0 AWG	1/4	.76	.66	.12	1.45	Pink	P42	12	42	3/4	10
LCAS1/0-56F-X		5/16	.76	.66	.12	1.51	Pink	P42	12	42	3/4	10
LCAS1/0-38F-X		3/8	.76	.66	.12	1.58	Pink	P42	12	42	3/4	10
LCAS1/0-12F-X		1/2	.80	.66	.12	1.82	Pink	P42	12	42	3/4	10
LCAS2/0-14F-X	2/0 AWG	1/4	.85	.72	.13	1.59	Black	P45	13	45	3/4	10
LCAS2/0-56F-X		5/16	.85	.72	.13	1.59	Black	P45	13	45	3/4	10
LCAS2/0-38F-X		3/8	.85	.72	.13	1.66	Black	P45	13	45	3/4	10
LCAS2/0-12F-X		1/2	.85	.72	.13	1.91	Black	P45	13	45	3/4	10

‡See pages D2.148, D2.149 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, One-Hole, Short Barrel with Window Lug, 90° Angle (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAS3/0-14F-X	3/0 AWG	1/4	.96	.83	.13	1.67	Orange	P50	14	50	7/8	10
LCAS3/0-56F-X		5/16	.96	.83	.13	1.67	Orange	P50	14	50	7/8	10
LCAS3/0-38F-X		3/8	.96	.83	.13	1.73	Orange	P50	14	50	7/8	10
LCAS3/0-12F-X		1/2	.96	.83	.13	1.98	Orange	P50	14	50	7/8	10
LCAS4/0-14F-X	4/0 AWG	1/4	1.06	.91	.14	1.75	Purple	P54	15	54	1	10
LCAS4/0-56F-X		5/16	1.06	.91	.14	1.77	Purple	P54	15	54	1	10
LCAS4/0-38F-X		3/8	1.06	.91	.14	1.84	Purple	P54	15	54	1	10
LCAS4/0-12F-X		1/2	1.06	.91	.14	2.07	Purple	P54	15	54	1	10
LCAS250-14F-X	250 kcmil	1/4	1.17	1.03	.14	1.82	Yellow	P62	16	62	1 1/8	10
LCAS250-56F-X		5/16	1.17	1.03	.14	1.83	Yellow	P62	16	62	1 1/8	10
LCAS250-38F-X		3/8	1.17	1.03	.14	1.90	Yellow	P62	16	62	1 1/8	10
LCAS250-12F-X		1/2	1.17	1.03	.14	2.13	Yellow	P62	16	62	1 1/8	10

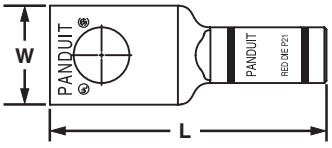
‡See pages D2.148, D2.149 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

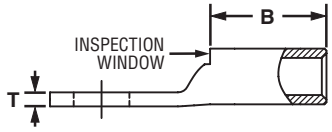
Code Conductor, One-Hole, Standard Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCA

- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved





Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCA10-10-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	#10	.38	.38	.06	1.07	—	—	—	—	7/16	50
LCA10-14-L*		1/4	.42	.38	.05	1.16	—	—	—	—	7/16	50
LCA10-56-L*		5/16	.54	.38	.04	1.28	—	—	—	—	7/16	50
LCA10-38-L*		3/8	.56	.38	.04	1.38	—	—	—	—	7/16	50
LCA8-10-L	#8 AWG	#10	.41	.56	.08	1.25	Red	P21	49	21	5/8	50
LCA8-14-L		1/4	.48	.56	.07	1.34	Red	P21	49	21	5/8	50
LCA8-56-L		5/16	.56	.56	.05	1.46	Red	P21	49	21	5/8	50
LCA8-38-L		3/8	.60	.56	.05	1.56	Red	P21	49	21	5/8	50
LCA6-10-L	#6 AWG	#10	.45	.81	.09	1.52	Blue	P24	7	24	7/8	50
LCA6-14-L		1/4	.48	.81	.08	1.61	Blue	P24	7	24	7/8	50
LCA6-56-L		5/16	.56	.81	.07	1.73	Blue	P24	7	24	7/8	50
LCA6-38-L		3/8	.62	.81	.06	1.83	Blue	P24	7	24	7/8	50
LCA4-10-L	#4 – #3 AWG STR, #2 AWG SOL	#10	.55	.81	.09	1.54	Gray	P29	8	29	7/8	50
LCA4-14-L		1/4	.55	.81	.09	1.63	Gray	P29	8	29	7/8	50
LCA4-56-L		5/16	.55	.81	.09	1.75	Gray	P29	8	29	7/8	50
LCA4-38-L		3/8	.62	.81	.07	1.85	Gray	P29	8	29	7/8	50
LCA2-14-Q	#2 AWG	1/4	.60	.88	.10	1.77	Brown	P33	10	33	15/16	25
LCA2-56-Q		5/16	.66	.88	.10	1.90	Brown	P33	10	33	15/16	25
LCA2-38-Q		3/8	.66	.88	.10	1.97	Brown	P33	10	33	15/16	25
LCA2-12-Q		1/2	.75	.88	.08	2.21	Brown	P33	10	33	15/16	25
LCA1-14-E	#1 AWG	1/4	.70	.88	.11	1.79	Green	P37	11	37	15/16	20
LCA1-56-E		5/16	.70	.88	.11	1.92	Green	P37	11	37	15/16	20
LCA1-38-E		3/8	.70	.88	.11	1.99	Green	P37	11	37	15/16	20
LCA1-12-E		1/2	.75	.88	.09	2.23	Green	P37	11	37	15/16	20

‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Code Conductor, One-Hole, Standard Barrel with Window Lug (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCA1/0-14-X	1/0 AWG	1/4	.76	.94	.12	1.95	Pink	P42	12	42	1	10
LCA1/0-56-X		5/16	.76	.94	.12	2.00	Pink	P42	12	42	1	10
LCA1/0-38-X		3/8	.76	.94	.12	2.08	Pink	P42	12	42	1	10
LCA1/0-12-X		1/2	.80	.94	.12	2.31	Pink	P42	12	42	1	10
LCA2/0-14-X	2/0 AWG	1/4	.85	.98	.13	2.09	Black	P45	13	45	1 1/16	10
LCA2/0-56-X		5/16	.85	.98	.13	2.09	Black	P45	13	45	1 1/16	10
LCA2/0-38-X		3/8	.85	.98	.13	2.15	Black	P45	13	45	1 1/16	10
LCA2/0-12-X		1/2	.85	.98	.13	2.40	Black	P45	13	45	1 1/16	10
LCA3/0-14-X	3/0 AWG	1/4	.96	1.14	.13	2.28	Orange	P50	14	50	1 3/16	10
LCA3/0-56-X		5/16	.96	1.14	.13	2.28	Orange	P50	14	50	1 3/16	10
LCA3/0-38-X		3/8	.96	1.14	.13	2.34	Orange	P50	14	50	1 3/16	10
LCA3/0-12-X		1/2	.96	1.14	.13	2.59	Orange	P50	14	50	1 3/16	10
LCA4/0-14-X	4/0 AWG	1/4	1.06	1.19	.14	2.36	Purple	P54	15	54	1 1/4	10
LCA4/0-56-X		5/16	1.06	1.19	.14	2.38	Purple	P54	15	54	1 1/4	10
LCA4/0-38-X		3/8	1.06	1.19	.14	2.45	Purple	P54	15	54	1 1/4	10
LCA4/0-12-X		1/2	1.06	1.19	.14	2.68	Purple	P54	15	54	1 1/4	10
LCA250-14-X	250 kcmil	1/4	1.17	1.25	.14	2.47	Yellow	P62	16	62	1 5/16	10
LCA250-56-X		5/16	1.17	1.25	.14	2.48	Yellow	P62	16	62	1 5/16	10
LCA250-38-X		3/8	1.17	1.25	.14	2.55	Yellow	P62	16	62	1 5/16	10
LCA250-12-X		1/2	1.17	1.25	.14	2.78	Yellow	P62	16	62	1 5/16	10
LCA300-56-X	300 kcmil	5/16	1.19	1.44	.16	2.94	White	P66	17	66	1 1/2	10
LCA300-38-X		3/8	1.19	1.44	.16	2.94	White	P66	17	66	1 1/2	10
LCA300-12-X		1/2	1.19	1.44	.16	3.05	White	P66	17	66	1 1/2	10
LCA300-58-X		5/8	1.19	1.44	.16	3.26	White	P66	17	66	1 1/2	10
LCA300-78-X		7/8	1.19	1.44	.16	3.70	White	P66	17	66	1 1/2	10
LCA350-38-X	350 kcmil	3/8	1.28	1.44	.17	2.98	Red	P71	18	71	1 1/2	10
LCA350-12-X		1/2	1.28	1.44	.17	3.09	Red	P71	18	71	1 1/2	10
LCA350-58-X		5/8	1.28	1.44	.17	3.30	Red	P71	18	71	1 1/2	10
LCA350-78-X		7/8	1.28	1.44	.17	3.74	Red	P71	18	71	1 1/2	10
LCA400-38-6	400 kcmil	3/8	1.39	1.50	.18	3.22	Blue	P76	19	76	1 9/16	6
LCA400-12-6		1/2	1.39	1.50	.18	3.22	Blue	P76	19	76	1 9/16	6
LCA400-58-6		5/8	1.39	1.50	.18	3.43	Blue	P76	19	76	1 9/16	6
LCA400-78-6		7/8	1.39	1.50	.18	3.82	Blue	P76	19	76	1 9/16	6
LCA500-38-6	500 kcmil	3/8	1.54	1.75	.22	3.39	Brown	P87	20	87	1 13/16	6
LCA500-12-6		1/2	1.54	1.75	.22	3.55	Brown	P87	20	87	1 13/16	6
LCA500-58-6		5/8	1.54	1.75	.22	3.76	Brown	P87	20	87	1 13/16	6
LCA500-34-6		3/4	1.54	1.75	.22	3.90	Brown	P87	20	87	1 13/16	6
LCA500-78-6		7/8	1.54	1.75	.22	4.15	Brown	P87	20	87	1 13/16	6
LCA500-1-6		1	1.54	1.75	.22	4.27	Brown	P87	20	87	1 13/16	6
LCA600-12-6	600 kcmil	1/2	1.70	1.75	.26	4.20	Green	P94	22	94	1 13/16	6
LCA600-58-6		5/8	1.70	1.75	.26	4.20	Green	P94	22	94	1 13/16	6
LCA600-78-6		7/8	1.70	1.75	.26	4.20	Green	P94	22	94	1 13/16	6
LCA750-58-6	750 kcmil	5/8	1.89	1.88	.26	4.59	Black	P106	24	106	1 15/16	6

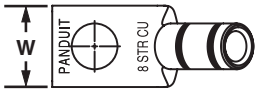
‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

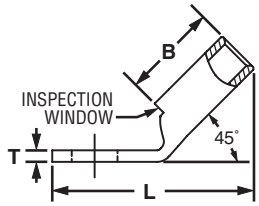
Code Conductor, One-Hole, Standard Barrel with Window Lug, 45° Angle

For Use with Stranded Copper Conductors

Type LCA-H

- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved





Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCA10-14H-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	.42	.38	.05	1.05	—	—	—	—	7/16	50
LCA8-10H-L	#8 AWG	#10	.41	.56	.08	1.10	Red	P21	49	21	5/8	50
LCA8-14H-L		1/4	.48	.56	.07	1.19	Red	P21	49	21	5/8	50
LCA8-56H-L		5/16	.56	.56	.05	1.30	Red	P21	49	21	5/8	50
LCA8-38H-L		3/8	.60	.56	.05	1.40	Red	P21	49	21	5/8	50
LCA6-10H-L	#6 AWG	#10	.45	.81	.09	1.29	Blue	P24	7	24	7/8	50
LCA6-14H-L		1/4	.48	.81	.08	1.38	Blue	P24	7	24	7/8	50
LCA6-56H-L		5/16	.56	.81	.07	1.49	Blue	P24	7	24	7/8	50
LCA6-38H-L		3/8	.62	.81	.06	1.59	Blue	P24	7	24	7/8	50
LCA4-10H-L	#4 – #3 AWG STR, #2 AWG SOL	#10	.55	.81	.09	1.31	Gray	P29	8	29	7/8	50
LCA4-14H-L		1/4	.55	.81	.09	1.40	Gray	P29	8	29	7/8	50
LCA4-56H-L		5/16	.55	.81	.09	1.52	Gray	P29	8	29	7/8	50
LCA4-38H-L		3/8	.62	.81	.07	1.61	Gray	P29	8	29	7/8	50
LCA2-14H-Q	#2 AWG	1/4	.60	.88	.10	1.49	Brown	P33	10	33	15/16	25
LCA2-56H-Q		5/16	.66	.88	.10	1.61	Brown	P33	10	33	15/16	25
LCA2-38H-Q		3/8	.66	.88	.10	1.68	Brown	P33	10	33	15/16	25
LCA2-12H-Q		1/2	.75	.88	.08	1.90	Brown	P33	10	33	15/16	25

‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.

*Not tested to NEBS Level 3 requirements.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, One-Hole, Standard Barrel with Window Lug, 45° Angle (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCA1-14H-E	#1 AWG	1/4	.70	.88	.11	1.50	Green	P37	11	37	15/16	20
LCA1-56H-E		5/16	.70	.88	.11	1.62	Green	P37	11	37	15/16	20
LCA1-38H-E		3/8	.70	.88	.11	1.70	Green	P37	11	37	15/16	20
LCA1-12H-E		1/2	.75	.88	.09	1.93	Green	P37	11	37	15/16	20
LCA1/0-14H-X	1/0 AWG	1/4	.76	.94	.12	1.63	Pink	P42	12	42	1	10
LCA1/0-56H-X		5/16	.76	.94	.12	1.69	Pink	P42	12	42	1	10
LCA1/0-38H-X		3/8	.76	.94	.12	1.76	Pink	P42	12	42	1	10
LCA1/0-12H-X		1/2	.80	.94	.12	1.99	Pink	P42	12	42	1	10
LCA2/0-14H-X	2/0 AWG	1/4	.85	.98	.13	1.77	Black	P45	13	45	1 1/16	10
LCA2/0-56H-X		5/16	.85	.98	.13	1.77	Black	P45	13	45	1 1/16	10
LCA2/0-38H-X		3/8	.85	.98	.13	1.83	Black	P45	13	45	1 1/16	10
LCA2/0-12H-X		1/2	.85	.98	.13	2.08	Black	P45	13	45	1 1/16	10
LCA2/0-34H-X		3/4	1.06	.98	.09	2.66	Black	P45	13	45	1 1/16	10
LCA3/0-14H-X	3/0 AWG	1/4	.96	1.14	.13	1.90	Orange	P50	14	50	1 3/16	10
LCA3/0-56H-X		5/16	.96	1.14	.13	1.90	Orange	P50	14	50	1 3/16	10
LCA3/0-38H-X		3/8	.96	1.14	.13	1.96	Orange	P50	14	50	1 3/16	10
LCA3/0-12H-X		1/2	.96	1.14	.13	2.21	Orange	P50	14	50	1 3/16	10
LCA4/0-14H-X	4/0 AWG	1/4	1.06	1.19	.14	1.97	Purple	P54	15	54	1 1/4	10
LCA4/0-56H-X		5/16	1.06	1.19	.14	1.98	Purple	P54	15	54	1 1/4	10
LCA4/0-38H-X		3/8	1.06	1.19	.14	2.05	Purple	P54	15	54	1 1/4	10
LCA4/0-12H-X		1/2	1.06	1.19	.14	2.28	Purple	P54	15	54	1 1/4	10
LCA250-14H-X	250 kcmil	1/4	1.17	1.25	.14	2.05	Yellow	P62	16	62	1 5/16	10
LCA250-56H-X		5/16	1.17	1.25	.14	2.06	Yellow	P62	16	62	1 5/16	10
LCA250-38H-X		3/8	1.17	1.25	.14	2.13	Yellow	P62	16	62	1 5/16	10
LCA250-12H-X		1/2	1.17	1.25	.14	2.36	Yellow	P62	16	62	1 5/16	10
LCA300-56H-X	300 kcmil	5/16	1.19	1.44	.16	2.55	White	P66	17	66	1 1/2	10
LCA300-38H-X		3/8	1.19	1.44	.16	2.55	White	P66	17	66	1 1/2	10
LCA300-12H-X		1/2	1.19	1.44	.16	2.66	White	P66	17	66	1 1/2	10
LCA300-58H-X		5/8	1.19	1.44	.16	2.87	White	P66	17	66	1 1/2	10
LCA300-78H-X		7/8	1.19	1.44	.16	3.31	White	P66	17	66	1 1/2	10
LCA350-38H-X	350 kcmil	3/8	1.28	1.44	.17	2.59	Red	P71	18	71	1 1/2	10
LCA350-12H-X		1/2	1.28	1.44	.17	2.70	Red	P71	18	71	1 1/2	10
LCA350-58H-X		5/8	1.28	1.44	.17	2.91	Red	P71	18	71	1 1/2	10
LCA350-78H-X		7/8	1.28	1.44	.17	3.35	Red	P71	18	71	1 1/2	10
LCA400-38H-6	400 kcmil	3/8	1.39	1.50	.18	2.85	Blue	P76	19	76	1 9/16	6
LCA400-12H-6		1/2	1.39	1.50	.18	2.85	Blue	P76	19	76	1 9/16	6
LCA400-58H-6		5/8	1.39	1.50	.18	3.06	Blue	P76	19	76	1 9/16	6
LCA400-78H-6		7/8	1.39	1.50	.18	3.45	Blue	P76	19	76	1 9/16	6
LCA500-38H-6	500 kcmil	3/8	1.54	1.75	.22	2.94	Brown	P87	20	87	1 13/16	6
LCA500-12H-6		1/2	1.54	1.75	.22	3.10	Brown	P87	20	87	1 13/16	6
LCA500-58H-6		5/8	1.54	1.75	.22	3.31	Brown	P87	20	87	1 13/16	6
LCA500-34H-6		3/4	1.54	1.75	.22	3.45	Brown	P87	20	87	1 13/16	6
LCA500-78H-6		7/8	1.54	1.75	.22	3.70	Brown	P87	20	87	1 13/16	6
LCA500-1H-6		1	1.54	1.75	.22	3.82	Brown	P87	20	87	1 13/16	6
LCA600-12H-6	600 kcmil	1/2	1.70	1.75	.26	3.76	Green	P94	22	94	1 13/16	6
LCA600-58H-6		5/8	1.70	1.75	.26	3.76	Green	P94	22	94	1 13/16	6
LCA600-78H-6		7/8	1.70	1.75	.26	3.76	Green	P94	22	94	1 13/16	6

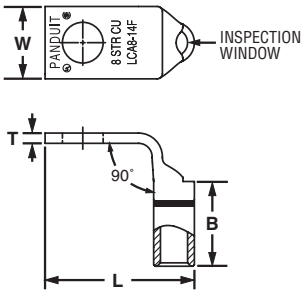
‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code Conductor, One-Hole, Standard Barrel with Window Lug, 90° Angle

For Use with Stranded Copper Conductors

Type LCA-F

- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCA10-14F-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	.42	.38	.05	.94	—	—	—	—	7/16	50
LCA8-10F-L	#8 AWG	#10	.41	.56	.08	.90	Red	P21	49	21	5/8	50
LCA8-14F-L		1/4	.48	.56	.07	.99	Red	P21	49	21	5/8	50
LCA8-56F-L		5/16	.56	.56	.05	1.11	Red	P21	49	21	5/8	50
LCA8-38F-L		3/8	.60	.56	.05	1.21	Red	P21	49	21	5/8	50
LCA6-10F-L	#6 AWG	#10	.45	.81	.09	.94	Blue	P24	7	24	7/8	50
LCA6-14F-L		1/4	.48	.81	.08	1.03	Blue	P24	7	24	7/8	50
LCA6-56F-L		5/16	.56	.81	.07	1.15	Blue	P24	7	24	7/8	50
LCA6-38F-L		3/8	.62	.81	.06	1.25	Blue	P24	7	24	7/8	50
LCA4-10F-L	#4 – #3 AWG STR, #2 AWG SOL	#10	.55	.81	.09	1.03	Gray	P29	8	29	7/8	50
LCA4-14F-L		1/4	.55	.81	.09	1.12	Gray	P29	8	29	7/8	50
LCA4-56F-L		5/16	.55	.81	.09	1.24	Gray	P29	8	29	7/8	50
LCA4-38F-L		3/8	.62	.81	.07	1.34	Gray	P29	8	29	7/8	50
LCA2-14F-Q	#2 AWG	1/4	.60	.88	.10	1.24	Brown	P33	10	33	15/16	25
LCA2-56F-Q		5/16	.66	.88	.10	1.36	Brown	P33	10	33	15/16	25
LCA2-38F-Q		3/8	.66	.88	.10	1.44	Brown	P33	10	33	15/16	25
LCA2-12F-Q		1/2	.75	.88	.08	1.67	Brown	P33	10	33	15/16	25
LCA1-14F-E	#1 AWG	1/4	.70	.88	.11	1.31	Green	P37	11	37	15/16	20
LCA1-56F-E		5/16	.70	.88	.11	1.44	Green	P37	11	37	15/16	20
LCA1-38F-E		3/8	.70	.88	.11	1.51	Green	P37	11	37	15/16	20
LCA1-12F-E		1/2	.75	.88	.09	1.75	Green	P37	11	37	15/16	20
LCA1/0-14F-X	1/0 AWG	1/4	.76	.94	.12	1.45	Pink	P42	12	42	1	10
LCA1/0-56F-X		5/16	.76	.94	.12	1.51	Pink	P42	12	42	1	10
LCA1/0-38F-X		3/8	.76	.94	.12	1.58	Pink	P42	12	42	1	10
LCA1/0-12F-X		1/2	.80	.94	.12	1.82	Pink	P42	12	42	1	10
LCA2/0-14F-X	2/0 AWG	1/4	.85	.98	.13	1.61	Black	P45	13	45	1 1/16	10
LCA2/0-56F-X		5/16	.85	.98	.13	1.59	Black	P45	13	45	1 1/16	10
LCA2/0-38F-X		3/8	.85	.98	.13	1.66	Black	P45	13	45	1 1/16	10
LCA2/0-12F-X		1/2	.85	.98	.13	1.91	Black	P45	13	45	1 1/16	10

‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, One-Hole, Standard Barrel with Window Lug, 90° Angle (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCA3/0-14F-X	3/0 AWG	1/4	.96	1.14	.13	1.67	Orange	P50	14	50	1 3/16	10
LCA3/0-56F-X		5/16	.96	1.14	.13	1.67	Orange	P50	14	50	1 3/16	10
LCA3/0-38F-X		3/8	.96	1.14	.13	1.73	Orange	P50	14	50	1 3/16	10
LCA3/0-12F-X		1/2	.96	1.14	.13	1.98	Orange	P50	14	50	1 3/16	10
LCA4/0-14F-X	4/0 AWG	1/4	1.06	1.19	.14	1.75	Purple	P54	15	54	1 1/4	10
LCA4/0-56F-X		5/16	1.06	1.19	.14	1.77	Purple	P54	15	54	1 1/4	10
LCA4/0-38F-X		3/8	1.06	1.19	.14	1.84	Purple	P54	15	54	1 1/4	10
LCA4/0-12F-X		1/2	1.06	1.19	.14	2.07	Purple	P54	15	54	1 1/4	10
LCA250-14F-X	250 kcmil	1/4	1.17	1.25	.14	1.82	Yellow	P62	16	62	1 5/16	10
LCA250-56F-X		5/16	1.17	1.25	.14	1.83	Yellow	P62	16	62	1 5/16	10
LCA250-38F-X		3/8	1.17	1.25	.14	1.90	Yellow	P62	16	62	1 5/16	10
LCA250-12F-X		1/2	1.17	1.25	.14	2.13	Yellow	P62	16	62	1 5/16	10
LCA300-56F-X	300 kcmil	5/16	1.19	1.44	.16	2.07	White	P66	17	66	1 1/2	10
LCA300-38F-X		3/8	1.19	1.44	.16	2.07	White	P66	17	66	1 1/2	10
LCA300-12F-X		1/2	1.19	1.44	.16	2.18	White	P66	17	66	1 1/2	10
LCA300-58F-X		5/8	1.19	1.44	.16	2.39	White	P66	17	66	1 1/2	10
LCA300-78F-X		7/8	1.19	1.44	.16	2.83	White	P66	17	66	1 1/2	10
LCA350-38F-X	350 kcmil	3/8	1.28	1.44	.17	2.13	Red	P71	18	71	1 1/2	10
LCA350-12F-X		1/2	1.28	1.44	.17	2.24	Red	P71	18	71	1 1/2	10
LCA350-58F-X		5/8	1.28	1.44	.17	2.45	Red	P71	18	71	1 1/2	10
LCA350-78F-X		7/8	1.28	1.44	.17	2.89	Red	P71	18	71	1 1/2	10
LCA400-38F-6	400 kcmil	3/8	1.39	1.50	.18	2.37	Blue	P76	19	76	1 9/16	6
LCA400-12F-6		1/2	1.39	1.50	.18	2.37	Blue	P76	19	76	1 9/16	6
LCA400-58F-6		5/8	1.39	1.50	.18	2.58	Blue	P76	19	76	1 9/16	6
LCA400-78F-6		7/8	1.39	1.50	.18	2.97	Blue	P76	19	76	1 9/16	6
LCA500-38F-6	500 kcmil	3/8	1.54	1.75	.22	2.32	Brown	P87	20	87	1 13/16	6
LCA500-12F-6		1/2	1.54	1.75	.22	2.48	Brown	P87	20	87	1 13/16	6
LCA500-58F-6		5/8	1.54	1.75	.22	2.69	Brown	P87	20	87	1 13/16	6
LCA500-34F-6		3/4	1.54	1.75	.22	2.83	Brown	P87	20	87	1 13/16	6
LCA500-78F-6		7/8	1.54	1.75	.22	3.08	Brown	P87	20	87	1 13/16	6
LCA500-1F-6		1	1.54	1.75	.22	3.20	Brown	P87	20	87	1 13/16	6
LCA600-12F-6	600 kcmil	1/2	1.70	1.75	.26	3.21	Green	P94	22	94	1 13/16	6
LCA600-58F-6		5/8	1.70	1.75	.26	3.21	Green	P94	22	94	1 13/16	6
LCA600-78F-6		7/8	1.70	1.75	.26	3.21	Green	P94	22	94	1 13/16	6

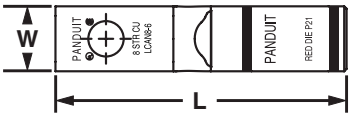
‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

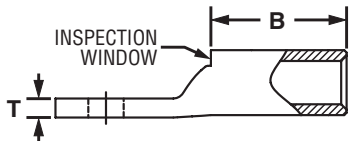
Code Conductor, One-Hole, Standard Barrel with Window, Narrow Tongue Lug

For Use with Stranded Copper Conductors

Type LCAN

- Narrow tongue width for limited space applications
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT® UNI-DIE™* Dieless Crimping Tools‡





Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAN8-6-L	#8 AWG	#6	.27	.56	.09	1.24	Red	P21	49	21	5/8	50
LCAN6-6-L	#6 AWG	#6	.31	.81	.09	1.51	Blue	P24	7	24	7/8	50
LCAN4-10-L	#4 – #3 AWG, #2 AWG SOL	#10	.38	.81	.10	1.54	Gray	P29	8	29	7/8	50
LCAN4-14-L		1/4	.38	.81	.10	1.63	Gray	P29	8	29	7/8	50
LCAN2-10-Q	#3 – #2 AWG	#10	.42	.88	.11	1.67	Brown	P33	10	33	15/16	25
LCAN2-14-Q		1/4	.42	.88	.11	1.77	Brown	P33	10	33	15/16	25
LCAN2-56-Q		5/16	.42	.88	.10	1.90	Brown	P33	10	33	15/16	25
LCAN1-10-E	#1 AWG	#10	.47	.88	.11	1.69	Green	P37	11	37	15/16	20
LCAN1-14-E		1/4	.47	.88	.11	1.79	Green	P37	11	37	15/16	20
LCAN1/0-10-X	1/0 AWG	#10	.52	.94	.13	1.78	Pink	P42	12	42	1	10
LCAN1/0-14-X		1/4	.52	.94	.13	1.95	Pink	P42	12	42	1	10
LCAN1/0-56-X		5/16	.52	.94	.13	2.00	Pink	P42	12	42	1	10
LCAN2/0-10-X	2/0 AWG	#10	.58	.98	.13	1.84	Black	P45	13	45	1 1/16	10
LCAN2/0-14-X		1/4	.58	.98	.13	2.09	Black	P45	13	45	1 1/16	10
LCAN2/0-56-X		5/16	.58	.98	.13	2.09	Black	P45	13	45	1 1/16	10
LCAN2/0-38-X		3/8	.58	.98	.13	2.15	Black	P45	13	45	1 1/16	10
LCAN3/0-14-X	3/0 AWG	1/4	.64	1.14	.13	2.28	Orange	P50	14	50	1 3/16	10
LCAN3/0-56-X		5/16	.64	1.14	.13	2.28	Orange	P50	14	50	1 3/16	10
LCAN3/0-38-X		3/8	.64	1.14	.13	2.34	Orange	P50	14	50	1 3/16	10
LCAN4/0-14-X	4/0 AWG	1/4	.71	1.19	.14	2.36	Purple	P54	15	54	1 1/4	10
LCAN4/0-56-X		5/16	.71	1.19	.14	2.38	Purple	P54	15	54	1 1/4	10
LCAN4/0-38-X		3/8	.71	1.19	.14	2.45	Purple	P54	15	54	1 1/4	10

‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, One-Hole, Standard Barrel with Window, Narrow Tongue Lug (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCAN250-14-X	250 kcmil	1/4	.77	1.25	.14	2.47	Yellow	P62	16	62	1 5/16	10
LCAN250-38-X		3/8	.77	1.25	.14	2.55	Yellow	P62	16	62	1 5/16	10
LCAN300-14-X	300 kcmil	1/4	.81	1.44	.16	2.90	White	P66	17	66	1 1/2	10
LCAN300-38-X		3/8	.81	1.44	.16	2.94	White	P66	17	66	1 1/2	10
LCAN350-38-X	350 kcmil	3/8	.88	1.44	.17	2.98	Red	P71	18	71	1 1/2	10
LCAN350-12-X		1/2	.88	1.44	.17	3.09	Red	P71	18	71	1 1/2	10
LCAN400-38-6	400 kcmil	3/8	.95	1.50	.18	3.22	Blue	P76	19	76	1 9/16	6
LCAN400-12-6		1/2	.95	1.50	.18	3.22	Blue	P76	19	76	1 9/16	6
LCAN500-38-6	500 kcmil	3/8	1.06	1.75	.22	3.39	Brown	P87	20	87	1 13/16	6
LCAN500-12-6		1/2	1.06	1.75	.22	3.55	Brown	P87	20	87	1 13/16	6
LCAN600-38-6	600 kcmil	3/8	1.19	1.75	.27	3.44	Green	P94	22	94	1 13/16	6
LCAN600-12-6		1/2	1.19	1.75	.27	4.20	Green	P94	22	94	1 13/16	6
LCAN750-38-6	750 kcmil	3/8	1.30	1.88	.28	3.84	Black	P106	24	106	1 15/16	6
LCAN750-12-6		1/2	1.30	1.88	.28	4.03	Black	P106	24	106	1 15/16	6
LCAN750-58-6		5/8	1.30	1.88	.28	4.59	Black	P106	24	106	1 15/16	6

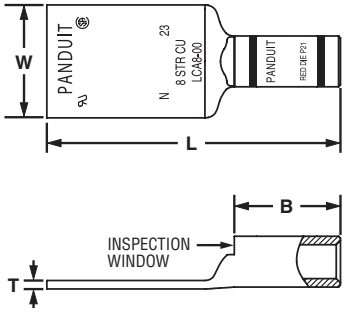
‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code Conductor, Short Blank Tongue, Standard Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCA-00

- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Recognized and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Copper Conductor Size	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCA8-00-L	#8 AWG	.60	.56	.05	1.56	Red	P21	49	21	5/8	50
LCA6-00-L	#6 AWG	.62	.81	.06	1.83	Blue	P24	7	24	7/8	50
LCA4-00-L	#4 AWG	.62	.81	.07	1.85	Gray	P29	8	29	7/8	50
LCA2-00-Q	#2 AWG	.75	.88	.08	2.21	Brown	P33	10	33	15/16	25
LCA1-00-E	#1 AWG	.75	.88	.09	2.23	Green	P37	11	37	15/16	20
LCA1/0-00-X	1/0 AWG	.80	.94	.12	2.31	Pink	P42	12	42	1	10
LCA2/0-00-X	2/0 AWG	.85	.98	.13	2.40	Black	P45	13	45	1 1/16	10
LCA3/0-00-X	3/0 AWG	.96	1.14	.13	2.59	Orange	P50	14	50	1 3/16	10
LCA4/0-00-X	4/0 AWG	1.06	1.19	.14	2.68	Purple	P54	15	54	1 1/4	10
LCA300-00-X	300 kcmil	1.19	1.44	.16	3.70	White	P66	17	66	1 1/2	10
LCA350-00-X	350 kcmil	1.28	1.44	.17	3.74	Red	P71	18	71	1 1/2	10
LCA400-00-6	400 kcmil	1.39	1.50	.18	3.82	Blue	P76	19	76	1 9/16	6
LCA500-00-6	500 kcmil	1.54	1.75	.22	4.27	Brown	P87	20	87	1 13/16	6
LCA600-00-6	600 kcmil	1.70	1.75	.26	4.20	Green	P94	22	94	1 13/16	6

‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

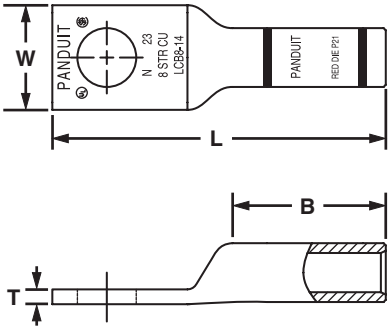
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Code Conductor, One-Hole, Long Barrel Lug

For Use with Stranded Copper Conductors

Type LCB

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB8-10-L	#8 AWG	#10	.41	.70	.08	1.44	Red	P21	49	21	3/4	50
LCB8-14-L		1/4	.48	.70	.07	1.53	Red	P21	49	21	3/4	50
LCB8-38-L		3/8	.60	.70	.05	1.75	Red	P21	49	21	3/4	50
LCB6-10-L	#6 AWG	#10	.45	1.07	.09	1.84	Blue	P24	7	24	1 1/8	50
LCB6-14-L		1/4	.48	1.07	.08	1.93	Blue	P24	7	24	1 1/8	50
LCB6-38-L		3/8	.62	1.07	.05	2.15	Blue	P24	7	24	1 1/8	50
LCB4-10-L	#4 – #3 AWG STR, #2 AWG SOL	#10	.55	1.05	.09	1.86	Gray	P29	8	29	1 1/8	50
LCB4-14-L		1/4	.55	1.05	.09	1.95	Gray	P29	8	29	1 1/8	50
LCB4-38-L		3/8	.62	1.05	.07	2.17	Gray	P29	8	29	1 1/8	50
LCB2-10-Q	#2 AWG	#10	.60	1.16	.10	2.07	Brown	P33	10	33	1 1/4	25
LCB2-56-Q		5/16	.66	1.16	.10	2.27	Brown	P33	10	33	1 1/4	25
LCB2-38-Q		3/8	.66	1.16	.10	2.34	Brown	P33	10	33	1 1/4	25

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Chart continues on page D2.22

Code Conductor, One-Hole, Long Barrel Lug (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCB1-10-E	#1 AWG	#10	.70	1.36	.11	2.30	Green	P37	11	37	1 7/16	20
LCB1-56-E		5/16	.70	1.36	.11	2.50	Green	P37	11	37	1 7/16	20
LCB1-38-E		3/8	.70	1.36	.11	2.57	Green	P37	11	37	1 7/16	20
LCB1/0-10-X	1/0 AWG	#10	.76	1.44	.12	2.41	Pink	P42	12	42	1 1/2	10
LCB1/0-56-X		5/16	.76	1.44	.12	2.61	Pink	P42	12	42	1 1/2	10
LCB1/0-38-X		3/8	.76	1.44	.12	2.69	Pink	P42	12	42	1 1/2	10
LCB1/0-12-X		1/2	.80	1.44	.12	2.92	Pink	P42	12	42	1 1/2	10
LCB2/0-38-X	2/0 AWG	3/8	.85	1.50	.13	2.82	Black	P45	13	45	1 9/16	10
LCB2/0-12-X		1/2	.85	1.50	.13	3.07	Black	P45	13	45	1 9/16	10
LCB3/0-38-X	3/0 AWG	3/8	.96	1.50	.13	2.87	Orange	P50	14	50	1 9/16	10
LCB3/0-12-X		1/2	.96	1.50	.13	3.12	Orange	P50	14	50	1 9/16	10
LCB4/0-38-X	4/0 AWG	3/8	1.06	1.56	.14	3.03	Purple	P54	15	54	1 5/8	10
LCB4/0-12-X		1/2	1.06	1.56	.14	3.22	Purple	P54	15	54	1 5/8	10
LCB250-12-X	250 kcmil	1/2	1.17	1.61	.14	3.32	Yellow	P62	16	62	1 11/16	10
LCB250-78-X		7/8	1.25	1.61	.12	3.85	Yellow	P62	16	62	1 11/16	10
LCB300-56-X	300 kcmil	5/16	1.19	2.24	.16	3.95	White	P66	17	66	2 5/16	10
LCB300-38-X		3/8	1.19	2.24	.16	3.95	White	P66	17	66	2 5/16	10
LCB300-12-X		1/2	1.19	2.24	.16	4.06	White	P66	17	66	2 5/16	10
LCB350-12-X	350 kcmil	1/2	1.28	2.24	.17	4.11	Red	P71	18	71	2 5/16	10
LCB350-78-X		7/8	1.28	2.24	.17	4.78	Red	P71	18	71	2 5/16	10
LCB400-38-6	400 kcmil	3/8	1.39	2.30	.18	4.27	Blue	P76	19	76	2 3/8	6
LCB400-12-6		1/2	1.39	2.30	.18	4.27	Blue	P76	19	76	2 3/8	6
LCB400-58-6		5/8	1.39	2.30	.18	4.48	Blue	P76	19	76	2 3/8	6
LCB400-78-6		7/8	1.39	2.30	.18	4.88	Blue	P76	19	76	2 3/8	6
LCB500-12-6	500 kcmil	1/2	1.54	2.50	.22	4.53	Brown	P87	20	87	2 9/16	6
LCB500-58-6		5/8	1.54	2.50	.22	4.74	Brown	P87	20	87	2 9/16	6
LCB500-78-6		7/8	1.54	2.50	.22	5.13	Brown	P87	20	87	2 9/16	6
LCB600-12-6	600 kcmil	1/2	1.70	2.69	.26	5.40	Green	P94	22	94	2 3/4	6
LCB600-58-6		5/8	1.70	2.69	.26	5.40	Green	P94	22	94	2 3/4	6
LCB750-58-6	750 kcmil	5/8	1.89	2.88	.26	5.98	Black	P106	24	106	2 15/16	6
LCB750-78-6		7/8	1.89	2.88	.26	6.07	Black	P106	24	106	2 15/16	6
LCB800-58-6	800 kcmil	5/8	1.95	2.94	.29	6.06	Orange	P107	25	107	3	6
LCB1000-58-3	1000 kcmil	5/8	2.17	3.00	.32	6.32	White	P125	27	125	3 1/16	3

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

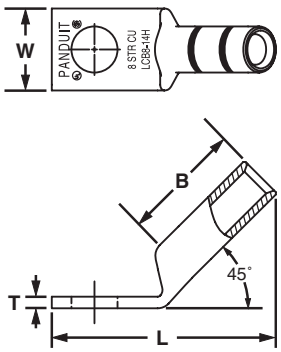
Prime items appear in **BOLD**.

Code Conductor, One-Hole, Long Barrel Lug, 45° Angle

For Use with Stranded Copper Conductors

Type LCB-H

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *Uni-Die*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCB8-10H-L	#8 AWG	#10	.41	.70	.08	1.23	Red	P21	49	21	3/4	50
LCB8-14H-L		1/4	.48	.70	.07	1.31	Red	P21	49	21	3/4	50
LCB6-10H-L	#6 AWG	#10	.45	1.07	.09	1.52	Blue	P24	7	24	1 1/8	50
LCB6-14H-L		1/4	.48	1.07	.08	1.60	Blue	P24	7	24	1 1/8	50
LCB6-38H-L		3/8	.62	1.07	.05	1.81	Blue	P24	7	24	1 1/8	50
LCB4-10H-L	#4 – #3 AWG STR, #2 AWG SOL	#10	.55	1.05	.09	1.54	Gray	P29	8	29	1 1/8	50
LCB4-14H-L		1/4	.55	1.05	.09	1.63	Gray	P29	8	29	1 1/8	50
LCB2-10H-Q	#2 AWG	#10	.60	1.16	.10	1.68	Brown	P33	10	33	1 1/4	25
LCB2-56H-Q		5/16	.66	1.16	.10	1.87	Brown	P33	10	33	1 1/4	25
LCB1-10H-E	#1 AWG	#10	.70	1.36	.11	1.83	Green	P37	11	37	1 7/16	20
LCB1-56H-E		5/16	.70	1.36	.11	2.03	Green	P37	11	37	1 7/16	20
LCB1/0-10H-X	1/0 AWG	#10	.76	1.44	.12	1.92	Pink	P42	12	42	1 1/2	10
LCB1/0-56H-X		5/16	.76	1.44	.12	2.12	Pink	P42	12	42	1 1/2	10
LCB1/0-38H-X		3/8	.76	1.44	.12	2.19	Pink	P42	12	42	1 1/2	10
LCB1/0-12H-X		1/2	.80	1.44	.11	2.42	Pink	P42	12	42	1 1/2	10
LCB2/0-38H-X	2/0 AWG	3/8	.85	1.50	.13	2.31	Black	P45	13	45	1 9/16	10
LCB2/0-12H-X		1/2	.85	1.50	.13	2.53	Black	P45	13	45	1 9/16	10
LCB3/0-38H-X	3/0 AWG	3/8	.96	1.50	.13	2.33	Orange	P50	14	50	1 9/16	10
LCB3/0-12H-X		1/2	.96	1.50	.13	2.58	Orange	P50	14	50	1 9/16	10

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Chart continues on page D2.24

Code Conductor, One-Hole, Long Barrel Lug, 45° Angle (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB4/0-38H-X	4/0 AWG	3/8	1.06	1.56	.14	2.48	Purple	P54	15	54	1 5/8	10
LCB4/0-12H-X		1/2	1.06	1.56	.14	2.67	Purple	P54	15	54	1 5/8	10
LCB250-12H-X	250 kcmil	1/2	1.17	1.61	.14	2.74	Yellow	P62	16	62	1 11/16	10
LCB250-78H-X		7/8	1.25	1.61	.12	3.27	Yellow	P62	16	62	1 11/16	10
LCB300-56H-X	300 kcmil	5/16	1.19	2.24	.16	3.24	White	P66	17	66	2 5/16	10
LCB300-38H-X		3/8	1.19	2.24	.16	3.24	White	P66	17	66	2 5/16	10
LCB300-12H-X		1/2	1.19	2.24	.16	3.35	White	P66	17	66	2 5/16	10
LCB350-12H-X	350 kcmil	1/2	1.28	2.24	.17	3.39	Red	P71	18	71	2 5/16	10
LCB350-78H-X		7/8	1.28	2.24	.17	4.04	Red	P71	18	71	2 5/16	10
LCB400-12H-6	400 kcmil	1/2	1.39	2.30	.18	3.53	Blue	P76	19	76	2 3/8	6
LCB400-58H-6		5/8	1.39	2.30	.18	3.74	Blue	P76	19	76	2 3/8	6
LCB400-78H-6		7/8	1.39	2.30	.18	4.13	Blue	P76	19	76	2 3/8	6
LCB500-12H-6	500 kcmil	1/2	1.54	2.50	.22	3.74	Brown	P87	20	87	2 9/16	6
LCB500-58H-6		5/8	1.54	2.50	.22	3.95	Brown	P87	20	87	2 9/16	6
LCB500-78H-6		7/8	1.54	2.50	.22	4.34	Brown	P87	20	87	2 9/16	6
LCB600-12H-6	600 kcmil	1/2	1.70	2.69	.26	4.56	Green	P94	22	94	2 3/4	6
LCB600-58H-6		5/8	1.70	2.69	.26	4.56	Green	P94	22	94	2 3/4	6

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

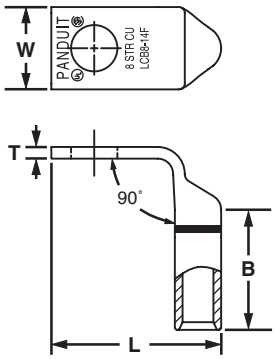
Prime items appear in **BOLD**.

Code Conductor, One-Hole, Long Barrel Lug, 90° Angle

For Use with Stranded Copper Conductors

Type LCB-F

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCB8-10F-L	#8 AWG	#10	.41	.70	.08	1.08	Red	P21	49	21	3/4	50
LCB8-14F-L		1/4	.48	.70	.07	1.07	Red	P21	49	21	3/4	50
LCB6-10F-L	#6 AWG	#10	.45	1.07	.09	1.49	Blue	P24	7	24	1 1/8	50
LCB6-14F-L		1/4	.48	1.07	.08	1.48	Blue	P24	7	24	1 1/8	50
LCB6-38F-L		3/8	.62	1.07	.05	1.45	Blue	P24	7	24	1 1/8	50
LCB4-10F-L	#4 – #3 AWG STR, #2 AWG SOL	#10	.55	1.05	.09	1.53	Gray	P29	8	29	1 1/8	50
LCB4-14F-L		1/4	.55	1.05	.09	1.53	Gray	P29	8	29	1 1/8	50
LCB2-10F-Q	#2 AWG	#10	.60	1.16	.10	1.75	Brown	P33	10	33	1 1/4	25
LCB2-56F-Q		5/16	.66	1.16	.10	1.74	Brown	P33	10	33	1 1/4	25
LCB1-10F-E	#1 AWG	#10	.70	1.36	.11	2.00	Green	P37	11	37	1 7/16	20
LCB1-56F-E		5/16	.70	1.36	.11	2.00	Green	P37	11	37	1 7/16	20
LCB1/0-10F-X	1/0 AWG	#10	.76	1.44	.12	2.15	Pink	P42	12	42	1 1/2	10
LCB1/0-56F-X		5/16	.76	1.44	.12	2.15	Pink	P42	12	42	1 1/2	10
LCB1/0-38F-X		3/8	.76	1.44	.12	2.15	Pink	P42	12	42	1 1/2	10
LCB1/0-12F-X		1/2	.80	1.44	.12	2.14	Pink	P42	12	42	1 1/2	10
LCB2/0-38F-X	2/0 AWG	3/8	.85	1.50	.13	2.30	Black	P45	13	45	1 9/16	10
LCB2/0-12F-X		1/2	.85	1.50	.13	2.30	Black	P45	13	45	1 9/16	10
LCB3/0-38F-X	3/0 AWG	3/8	.96	1.50	.13	2.35	Orange	P50	14	50	1 9/16	10
LCB3/0-12F-X		1/2	.96	1.50	.13	2.35	Orange	P50	14	50	1 9/16	10
LCB4/0-38F-X	4/0 AWG	3/8	1.06	1.56	.14	2.48	Purple	P54	15	54	1 5/8	10
LCB4/0-12F-X		1/2	1.06	1.56	.14	2.48	Purple	P54	15	54	1 5/8	10
LCB250-12F-X	250 kcmil	1/2	1.17	1.61	.14	2.57	Yellow	P62	16	62	1 11/16	10
LCB250-78F-X		7/8	1.25	1.61	.12	2.49	Yellow	P62	16	62	1 11/16	10

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Chart continues on page D2.26

Code Conductor, One-Hole, Long Barrel Lug, 90° Angle (continued)

Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB300-56F-X	300 kcmil	5/16	1.19	2.24	.16	3.29	White	P66	17	66	2 5/16	10
LCB300-38F-X		3/8	1.19	2.24	.16	3.29	White	P66	17	66	2 5/16	10
LCB300-12F-X		1/2	1.19	2.24	.16	3.29	White	P66	17	66	2 5/16	10
LCB350-12F-X	350 kcmil	1/2	1.28	2.24	.17	3.34	Red	P71	18	71	2 5/16	10
LCB350-78F-X		7/8	1.28	2.24	.17	3.34	Red	P71	18	71	2 5/16	10
LCB400-12F-6	400 kcmil	1/2	1.39	2.30	.18	3.47	Blue	P76	19	76	2 3/8	6
LCB400-58F-6		5/8	1.39	2.30	.18	3.47	Blue	P76	19	76	2 3/8	6
LCB400-78F-6		7/8	1.39	2.30	.18	3.47	Blue	P76	19	76	2 3/8	6
LCB500-12F-6	500 kcmil	1/2	1.54	2.50	.22	3.77	Brown	P87	20	87	2 9/16	6
LCB500-58F-6		5/8	1.54	2.50	.22	3.77	Brown	P87	20	87	2 9/16	6
LCB500-78F-6		7/8	1.54	2.50	.22	3.77	Brown	P87	20	87	2 9/16	6
LCB600-12F-6	600 kcmil	1/2	1.70	2.69	.26	4.08	Green	P94	22	94	2 3/4	6
LCB600-58F-6		5/8	1.70	2.69	.26	4.08	Green	P94	22	94	2 3/4	6

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

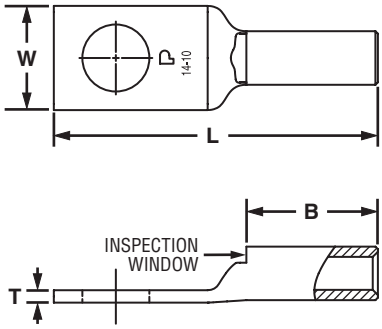
Prime items appear in **BOLD**.

Code Conductor, One-Hole, Long Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCB-W

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCB10-14W-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	.42	.53	.05	1.31	—	—	—	—	9/16	50
LCB750-38W-6	750 kcmil	3/8	1.89	2.88	.26	4.83	Black	P106	24	106	2 15/16	6
LCB750-12W-6		1/2	1.89	2.88	.26	5.03	Black	P106	24	106	2 15/16	6
LCB750-58W-6		5/8	1.89	2.88	.26	5.58	Black	P106	24	106	2 15/16	6
LCB750-78W-6		7/8	1.89	2.88	.26	5.68	Black	P106	24	106	2 15/16	6
LCB800-12W-6	800 kcmil	1/2	1.95	2.94	.30	5.11	Orange	P107	25	107	3	6
LCB800-58W-6		5/8	1.95	2.94	.30	5.68	Orange	P107	25	107	3	6
LCB1000-38W-3	1000 kcmil	3/8	2.17	3.00	.32	5.08	White	P125	27	125	3 1/16	3
LCB1000-12W-3		1/2	2.17	3.00	.32	5.27	White	P125	27	125	3 1/16	3
LCB1000-58W-3		5/8	2.17	3.00	.32	5.92	White	P125	27	125	3 1/16	3

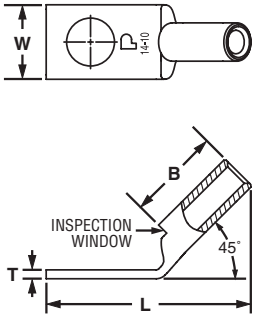
‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code Conductor, One-Hole, Long Barrel with Window Lug, 45° Angle

For Use with Stranded Copper Conductors

Type LCB-WH

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB10-14WH-L	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	.42	.53	.05	1.15	—	—	—	—	9/16	50

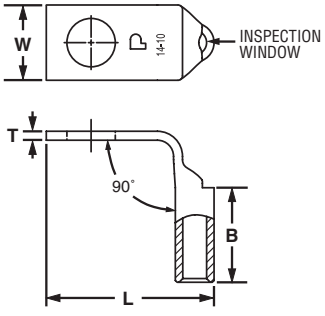
‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code Conductor, One-Hole, Long Barrel with Window Lug, 90° Angle

For Use with Stranded Copper Conductors

Type LCB-WF

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCB10-14WF-L	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	.42	.53	.05	.94	—	—	—	—	9/16	50

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

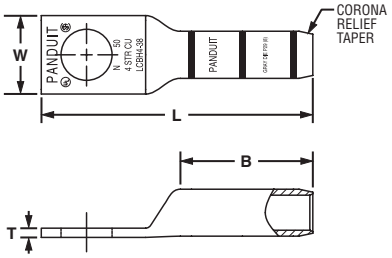
Prime items appear in **BOLD**.

Code Conductor, One-Hole, Long Barrel with Corona Relief Taper Lug

To Facilitate Use with Stranded Copper Conductors in Applications of 5000V or More

Type LCBH

- Externally chamfered barrel end inhibits Corona effect when used in high voltage applications
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCBH4-38-L	#4 AWG	3/8	.62	1.05	.07	2.16	Gray	P29	8	29	1 1/8	50
LCBH2-38-Q	#2 AWG	3/8	.66	1.16	.10	2.34	Brown	P33	10	33	1 1/4	25
LCBH1-38-E	#1 AWG	3/8	.70	1.36	.10	2.57	Green	P37	11	37	1 7/16	20
LCBH1/0-38-X	1/0 AWG	3/8	.76	1.44	.12	2.69	Pink	P42	12	42	1 1/2	10
LCBH2/0-12-X	2/0 AWG	1/2	.85	1.50	.13	3.07	Black	P45	13	45	1 9/16	10
LCBH3/0-12-X	3/0 AWG	1/2	.96	1.50	.13	3.12	Orange	P50	14	50	1 9/16	10
LCBH4/0-12-X	4/0 AWG	1/2	1.06	1.56	.14	3.22	Purple	P54	15	54	1 5/8	10
LCBH250-12-X	250 kcmil	1/2	1.17	1.61	.14	3.32	Yellow	P62	16	62	1 11/16	10

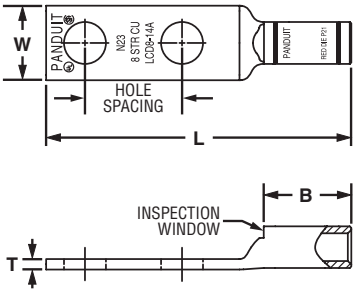
‡See pages D2.158, D2.159 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code Conductor, Two-Hole, Standard Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCD

- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved
- Available with NEMA hole sizes and spacing



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCD10-10A-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	#10	.63	.38	.38	.06	1.69	—	—	—	—	7/16	50
LCD10-14A-L*		1/4	.63	.42	.38	.05	1.78	—	—	—	—	7/16	50
LCD10-14B-L*		1/4	.75	.42	.38	.05	1.91	—	—	—	—	7/16	50
LCD10-14D-L*		1/4	1.00	.42	.38	.05	2.16	—	—	—	—	7/16	50
LCD10-38D-L*		3/8	1.00	.56	.38	.04	2.38	—	—	—	—	7/16	50
LCD8-10A-L	#8 AWG	#10	.63	.41	.56	.08	1.88	Red	P21	49	21	5/8	50
LCD8-14A-L		1/4	.63	.48	.56	.07	1.97	Red	P21	49	21	5/8	50
LCD8-14B-L		1/4	.75	.48	.56	.07	2.09	Red	P21	49	21	5/8	50
LCD8-14D-L		1/4	1.00	.48	.56	.07	2.34	Red	P21	49	21	5/8	50
LCD8-38D-L		3/8	1.00	.60	.56	.05	2.56	Red	P21	49	21	5/8	50
LCD6-10A-L	#6 AWG	#10	.63	.46	.81	.08	2.15	Blue	P24	7	24	7/8	50
LCD6-10B-L		#10	.75	.46	.81	.08	2.27	Blue	P24	7	24	7/8	50
LCD6-10D-L		#10	1.00	.46	.81	.08	2.52	Blue	P24	7	24	7/8	50
LCD6-14A-L		1/4	.63	.48	.81	.08	2.24	Blue	P24	7	24	7/8	50
LCD6-14B-L		1/4	.75	.48	.81	.08	2.36	Blue	P24	7	24	7/8	50
LCD6-14D-L		1/4	1.00	.48	.81	.08	2.61	Blue	P24	7	24	7/8	50
LCD6-56D-L		5/16	1.00	.56	.81	.07	2.73	Blue	P24	7	24	7/8	50
LCD6-38D-L		3/8	1.00	.62	.81	.06	2.83	Blue	P24	7	24	7/8	50
LCD4-10A-L	#4 – #3 AWG STR, #2 AWG SOL	#10	.63	.55	.81	.09	2.17	Gray	P29	8	29	7/8	50
LCD4-10B-L		#10	.75	.55	.81	.09	2.29	Gray	P29	8	29	7/8	50
LCD4-14A-L		1/4	.63	.55	.81	.09	2.26	Gray	P29	8	29	7/8	50
LCD4-14B-L		1/4	.75	.55	.81	.09	2.38	Gray	P29	8	29	7/8	50
LCD4-14D-L		1/4	1.00	.55	.81	.09	2.63	Gray	P29	8	29	7/8	50
LCD4-38D-L		3/8	1.00	.62	.81	.08	2.85	Gray	P29	8	29	7/8	50

‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, Two-Hole, Standard Barrel with Window Lug (continued)

	Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
	LCD2-14A-Q	#2 AWG	1/4	.63	.60	.88	.10	2.40	Brown	P33	10	33	15/16	25
	LCD2-14B-Q		1/4	.75	.60	.88	.10	2.52	Brown	P33	10	33	15/16	25
	LCD2-14D-Q		1/4	1.00	.60	.88	.10	2.77	Brown	P33	10	33	15/16	25
	LCD2-56B-Q		5/16	.75	.66	.88	.10	2.65	Brown	P33	10	33	15/16	25
	LCD2-38D-Q		3/8	1.00	.66	.88	.10	3.00	Brown	P33	10	33	15/16	25
	LCD2-12-Q		1/2	1.75	.75	.88	.08	4.14	Brown	P33	10	33	15/16	25
	LCD1-14A-E	#1 AWG	1/4	.63	.70	.88	.11	2.42	Green	P37	11	37	15/16	20
	LCD1-14B-E		1/4	.75	.70	.88	.11	2.54	Green	P37	11	37	15/16	20
	LCD1-56C-E		5/16	.88	.70	.88	.11	2.79	Green	P37	11	37	15/16	20
	LCD1-38D-E		3/8	1.00	.70	.88	.11	2.99	Green	P37	11	37	15/16	20
	LCD1-12-E		1/2	1.75	.75	.88	.09	4.16	Green	P37	11	37	15/16	20
	LCD1/0-14A-X	1/0 AWG	1/4	.63	.76	.94	.12	2.57	Pink	P42	12	42	1	10
	LCD1/0-14B-X		1/4	.75	.76	.94	.12	2.70	Pink	P42	12	42	1	10
	LCD1/0-56C-X		5/16	.88	.76	.94	.12	2.88	Pink	P42	12	42	1	10
	LCD1/0-38D-X		3/8	1.00	.76	.94	.12	3.08	Pink	P42	12	42	1	10
	LCD1/0-12-X		1/2	1.75	.80	.94	.12	4.25	Pink	P42	12	42	1	10
	LCD2/0-14A-X	2/0 AWG	1/4	.63	.85	.98	.13	2.70	Black	P45	13	45	1 1/16	10
	LCD2/0-14B-X		1/4	.75	.85	.98	.13	2.83	Black	P45	13	45	1 1/16	10
	LCD2/0-56C-X		5/16	.88	.85	.98	.13	2.95	Black	P45	13	45	1 1/16	10
	LCD2/0-38D-X		3/8	1.00	.85	.98	.13	3.14	Black	P45	13	45	1 1/16	10
	LCD2/0-12-X		1/2	1.75	.85	.98	.13	4.30	Black	P45	13	45	1 1/16	10
	LCD3/0-14B-X	3/0 AWG	1/4	.75	.96	1.14	.13	3.02	Orange	P50	14	50	1 3/16	10
	LCD3/0-56D-X		5/16	1.00	.96	1.14	.13	3.27	Orange	P50	14	50	1 3/16	10
	LCD3/0-38D-X		3/8	1.00	.96	1.14	.13	3.33	Orange	P50	14	50	1 3/16	10
	LCD3/0-12-X		1/2	1.75	.96	1.14	.13	4.49	Orange	P50	14	50	1 3/16	10
	LCD4/0-14B-X	4/0 AWG	1/4	.75	1.06	1.19	.14	3.10	Purple	P54	15	54	1 1/4	10
	LCD4/0-38D-X		3/8	1.00	1.06	1.19	.14	3.44	Purple	P54	15	54	1 1/4	10
◆	LCD4/0-12-X		1/2	1.75	1.06	1.19	.14	4.58	Purple	P54	15	54	1 1/4	10
	LCD250-38D-X	250 kcmil	3/8	1.00	1.17	1.25	.14	3.54	Yellow	P62	16	62	1 5/16	10
◆	LCD250-12-X		1/2	1.75	1.17	1.25	.14	4.68	Yellow	P62	16	62	1 5/16	10
	LCD300-38D-X	300 kcmil	3/8	1.00	1.19	1.44	.16	3.74	White	P66	17	66	1 1/2	10
◆	LCD300-12-X		1/2	1.75	1.19	1.44	.16	4.92	White	P66	17	66	1 1/2	10
	LCD350-14B-X	350 kcmil	1/4	.75	1.28	1.44	.17	3.30	Red	P71	18	71	1 1/2	10
	LCD350-38D-X		3/8	1.00	1.28	1.44	.17	3.78	Red	P71	18	71	1 1/2	10
	LCD350-12E-X		1/2	1.25	1.28	1.44	.17	4.33	Red	P71	18	71	1 1/2	10
◆	LCD350-12-X		1/2	1.75	1.28	1.44	.17	4.96	Red	P71	18	71	1 1/2	10
	LCD400-38D-6	400 kcmil	3/8	1.00	1.39	1.50	.18	3.86	Blue	P76	19	76	1 9/16	6
◆	LCD400-12-6		1/2	1.75	1.39	1.50	.18	5.04	Blue	P76	19	76	1 9/16	6
	LCD500-14B-6	500 kcmil	1/4	.75	1.54	1.75	.22	3.71	Brown	P87	20	87	1 13/16	6
	LCD500-38D-6		3/8	1.00	1.54	1.75	.22	4.19	Brown	P87	20	87	1 13/16	6
	LCD500-12E-6		1/2	1.25	1.54	1.75	.22	4.74	Brown	P87	20	87	1 13/16	6
◆	**LCD500-12-6**		1/2	1.75	1.54	1.75	.22	5.37	Brown	P87	20	87	1 13/16	6
	LCD600-38D-6	600 kcmil	3/8	1.00	1.70	1.75	.26	4.24	Green	P94	22	94	1 13/16	6
◆	**LCD600-12-6**		1/2	1.75	1.70	1.75	.26	5.42	Green	P94	22	94	1 13/16	6
	LCD750-38D-6	750 kcmil	3/8	1.00	1.89	1.88	.26	4.71	Black	P106	24	106	1 15/16	6
◆	LCD750-12-6		1/2	1.75	1.89	1.88	.26	5.65	Black	P106	24	106	1 15/16	6
◆	LCD1000-12-3	1000 kcmil	1/2	1.75	2.17	1.88	.32	5.77	White	P125	27	125	1 15/16	3
	LCD1000-12E-3		1/2	1.25	2.17	1.88	.32	5.27	White	P125	27	125	1 15/16	3

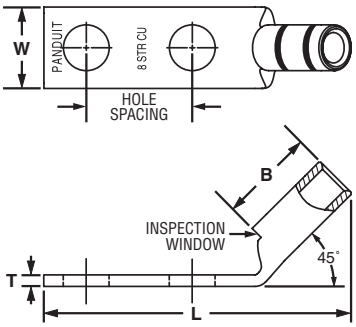
‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Code Conductor, Two-Hole, Standard Barrel with Window Lug, 45° Angle

For Use with Stranded Copper Conductors

Type LCD-H

- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved
- Available with NEMA hole sizes and spacing



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCD10-10AH-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	#10	.63	.38	.38	.06	1.59	—	—	—	—	7/16	50
LCD10-14AH-L*		1/4	.63	.42	.38	.05	1.67	—	—	—	—	7/16	50
LCD10-38DH-L*		3/8	1.00	.56	.38	.04	2.28	—	—	—	—	7/16	50
LCD8-10AH-L	#8 AWG	#10	.63	.41	.56	.08	1.73	Red	P21	49	21	5/8	50
LCD8-14AH-L		1/4	.63	.48	.56	.07	1.81	Red	P21	49	21	5/8	50
LCD8-14BH-L		1/4	.75	.48	.56	.07	1.94	Red	P21	49	21	5/8	50
LCD8-14DH-L		1/4	1.00	.48	.56	.07	2.19	Red	P21	49	21	5/8	50
LCD8-38DH-L		3/8	1.00	.63	.56	.05	2.40	Red	P21	49	21	5/8	50
LCD6-10AH-L	#6 AWG	#10	.63	.46	.81	.08	1.92	Blue	P24	7	24	7/8	50
LCD6-10BH-L		#10	.75	.46	.81	.08	2.04	Blue	P24	7	24	7/8	50
LCD6-10DH-L		#10	1.00	.46	.81	.08	2.29	Blue	P24	7	24	7/8	50
LCD6-14AH-L		1/4	.63	.48	.81	.08	2.00	Blue	P24	7	24	7/8	50
LCD6-14BH-L		1/4	.75	.48	.81	.08	2.13	Blue	P24	7	24	7/8	50
LCD6-14DH-L		1/4	1.00	.48	.81	.08	2.38	Blue	P24	7	24	7/8	50
LCD6-56DH-L		5/16	1.00	.56	.81	.07	2.49	Blue	P24	7	24	7/8	50
LCD6-38DH-L		3/8	1.00	.62	.81	.06	2.59	Blue	P24	7	24	7/8	50
LCD4-10AH-L	#4 – #3 AWG STR, #2 AWG SOL	#10	.63	.55	.81	.09	1.94	Gray	P29	8	29	7/8	50
LCD4-10BH-L		#10	.75	.55	.81	.09	2.06	Gray	P29	8	29	7/8	50
LCD4-14AH-L		1/4	.63	.55	.81	.09	2.03	Gray	P29	8	29	7/8	50
LCD4-14BH-L		1/4	.75	.55	.81	.09	2.15	Gray	P29	8	29	7/8	50
LCD4-14DH-L		1/4	1.00	.55	.81	.09	2.40	Gray	P29	8	29	7/8	50
LCD4-38DH-L		3/8	1.00	.62	.81	.08	2.62	Gray	P29	8	29	7/8	50

‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, Two-Hole, Standard Barrel with Window Lug, 45° Angle (continued)

	Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCD2-14AH-Q	#2 AWG	1/4	.63	.60	.88	.10	2.11	Brown	P33	10	33	15/16	25
	LCD2-14BH-Q		1/4	.75	.60	.88	.10	2.24	Brown	P33	10	33	15/16	25
	LCD2-14DH-Q		1/4	1.00	.60	.88	.10	2.49	Brown	P33	10	33	15/16	25
	LCD2-56BH-Q		5/16	.75	.66	.88	.10	2.36	Brown	P33	10	33	15/16	25
	LCD2-38DH-Q		3/8	1.00	.66	.88	.10	2.71	Brown	P33	10	33	15/16	25
	LCD2-12H-Q		1/2	1.75	.75	.88	.08	3.84	Brown	P33	10	33	15/16	25
	LCD1-14AH-E	#1 AWG	1/4	.63	.70	.88	.11	2.12	Green	P37	11	37	15/16	20
	LCD1-14BH-E		1/4	.75	.70	.88	.11	2.25	Green	P37	11	37	15/16	20
	LCD1-56CH-E		5/16	.88	.70	.88	.11	2.50	Green	P37	11	37	15/16	20
	LCD1-38DH-E		3/8	1.00	.70	.88	.11	2.70	Green	P37	11	37	15/16	20
	LCD1-12H-E		1/2	1.75	.75	.88	.09	3.87	Green	P37	11	37	15/16	20
	LCD1/0-14AH-X	1/0 AWG	1/4	.63	.76	.94	.12	2.26	Pink	P42	12	42	1	10
	LCD1/0-14BH-X		1/4	.75	.76	.94	.12	2.38	Pink	P42	12	42	1	10
	LCD1/0-56CH-X		5/16	.88	.76	.94	.12	2.56	Pink	P42	12	42	1	10
	LCD1/0-38DH-X		3/8	1.00	.76	.94	.12	2.76	Pink	P42	12	42	1	10
	LCD1/0-12H-X		1/2	1.75	.80	.94	.12	3.93	Pink	P42	12	42	1	10
	LCD2/0-14AH-X	2/0 AWG	1/4	.63	.85	.98	.13	2.39	Black	P45	13	45	1 1/16	10
	LCD2/0-14BH-X		1/4	.75	.85	.98	.13	2.52	Black	P45	13	45	1 1/16	10
	LCD2/0-56CH-X		5/16	.88	.85	.98	.13	2.64	Black	P45	13	45	1 1/16	10
	LCD2/0-38DH-X		3/8	1.00	.85	.98	.13	2.83	Black	P45	13	45	1 1/16	10
	LCD2/0-12H-X		1/2	1.75	.85	.98	.13	3.99	Black	P45	13	45	1 1/16	10
	LCD3/0-14BH-X	3/0 AWG	1/4	.75	.96	1.14	.13	2.65	Orange	P50	14	50	1 3/16	10
	LCD3/0-56DH-X		5/16	1.00	.96	1.14	.13	2.90	Orange	P50	14	50	1 3/16	10
	LCD3/0-38DH-X		3/8	1.00	.96	1.14	.13	2.96	Orange	P50	14	50	1 3/16	10
	LCD3/0-12H-X		1/2	1.75	.96	1.14	.13	4.12	Orange	P50	14	50	1 3/16	10
	LCD4/0-14BH-X	4/0 AWG	1/4	.75	1.06	1.19	.14	2.72	Purple	P54	15	54	1 1/4	10
	LCD4/0-38DH-X		3/8	1.00	1.06	1.19	.14	3.05	Purple	P54	15	54	1 1/4	10
◆	LCD4/0-12H-X		1/2	1.75	1.06	1.19	.14	4.19	Purple	P54	15	54	1 1/4	10
	LCD250-38DH-X	250 kcmil	3/8	1.00	1.17	1.25	.14	3.13	Yellow	P62	16	62	1 5/16	10
◆	LCD250-12H-X		1/2	1.75	1.17	1.25	.14	4.27	Yellow	P62	16	62	1 5/16	10
	LCD300-38DH-X	300 kcmil	3/8	1.00	1.17	1.44	.14	3.36	White	P66	17	66	1 1/2	10
◆	LCD300-12H-X		1/2	1.75	1.17	1.44	.14	4.54	White	P66	17	66	1 1/2	10
	LCD350-14BH-X	350 kcmil	1/4	.75	1.28	1.44	.17	2.92	Red	P71	18	71	1 1/2	10
	LCD350-38DH-X		3/8	1.00	1.28	1.44	.17	3.40	Red	P71	18	71	1 1/2	10
	LCD350-12EH-X		1/2	1.25	1.28	1.44	.17	3.95	Red	P71	18	71	1 1/2	10
◆	LCD350-12H-X		1/2	1.75	1.28	1.44	.17	4.58	Red	P71	18	71	1 1/2	10
	LCD400-38DH-6	400 kcmil	3/8	1.00	1.39	1.50	.18	3.50	Blue	P76	19	76	1 9/16	6
◆	LCD400-12H-6		1/2	1.75	1.39	1.50	.18	4.68	Blue	P76	19	76	1 9/16	6
	LCD500-14BH-6	500 kcmil	1/4	.75	1.54	1.75	.22	3.27	Brown	P87	20	87	1 13/16	6
	LCD500-38DH-6		3/8	1.00	1.54	1.75	.22	3.75	Brown	P87	20	87	1 13/16	6
	LCD500-12EH-6		1/2	1.25	1.54	1.75	.22	4.30	Brown	P87	20	87	1 13/16	6
◆	LCD500-12H-6		1/2	1.75	1.54	1.75	.22	4.93	Brown	P87	20	87	1 13/16	6
	LCD600-38DH-6	600 kcmil	3/8	1.00	1.70	1.75	.26	3.81	Green	P94	22	94	1 13/16	6
◆	LCD600-12H-6		1/2	1.75	1.70	1.75	.26	4.99	Green	P94	22	94	1 13/16	6

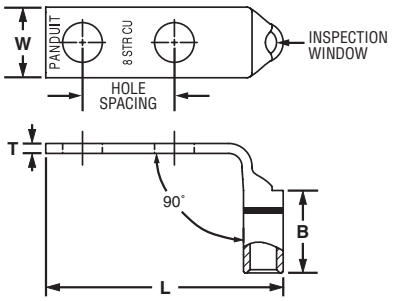
‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Code Conductor, Two-Hole, Standard Barrel with Window Lug, 90° Angle

For Use with Stranded Copper Conductors

Type LCD-F

- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *Uni-Die*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved
- Available with NEMA hole sizes and spacing



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCD10-10AF-L*	#14 – #10 AWG STR, #12 – #10 AWG SOL	#10	.63	.38	.38	.06	1.47	—	—	—	—	7/16	50
LCD10-14AF-L*		1/4	.63	.42	.38	.05	1.56	—	—	—	—	7/16	50
LCD10-38DF-L*		3/8	1.00	.56	.38	.04	2.16	—	—	—	—	7/16	50
LCD8-10AF-L	#8 AWG	#10	.63	.41	.56	.08	1.53	Red	P21	49	21	5/8	50
LCD8-14AF-L		1/4	.63	.48	.56	.07	1.62	Red	P21	49	21	5/8	50
LCD8-14BF-L		1/4	.75	.48	.56	.07	1.74	Red	P21	49	21	5/8	50
LCD8-14DF-L		1/4	1.00	.48	.56	.07	1.99	Red	P21	49	21	5/8	50
LCD8-38DF-L		3/8	1.00	.63	.56	.05	2.21	Red	P21	49	21	5/8	50
LCD6-10AF-L	#6 AWG	#10	.63	.46	.81	.08	1.57	Blue	P24	7	24	7/8	50
LCD6-10BF-L		#10	.75	.46	.81	.08	1.69	Blue	P24	7	24	7/8	50
LCD6-10DF-L		#10	1.00	.46	.81	.08	1.94	Blue	P24	7	24	7/8	50
LCD6-14AF-L		1/4	.63	.48	.81	.08	1.66	Blue	P24	7	24	7/8	50
LCD6-14BF-L		1/4	.75	.48	.81	.08	1.78	Blue	P24	7	24	7/8	50
LCD6-14DF-L		1/4	1.00	.48	.81	.08	2.03	Blue	P24	7	24	7/8	50
LCD6-56DF-L		5/16	1.00	.56	.81	.07	2.15	Blue	P24	7	24	7/8	50
LCD6-38DF-L		3/8	1.00	.62	.81	.06	2.25	Blue	P24	7	24	7/8	50
LCD4-10AF-L	#4 – #3 AWG STR, #2 AWG SOL	#10	.63	.55	.81	.09	1.65	Gray	P29	8	29	7/8	50
LCD4-10BF-L		#10	.75	.55	.81	.09	1.78	Gray	P29	8	29	7/8	50
LCD4-14AF-L		1/4	.63	.55	.81	.09	1.74	Gray	P29	8	29	7/8	50
LCD4-14BF-L		1/4	.75	.55	.81	.09	1.87	Gray	P29	8	29	7/8	50
LCD4-14DF-L		1/4	1.00	.55	.81	.09	2.12	Gray	P29	8	29	7/8	50
LCD4-38DF-L		3/8	1.00	.62	.81	.08	2.34	Gray	P29	8	29	7/8	50
LCD2-14AF-Q	#2 AWG	1/4	.63	.60	.88	.10	1.86	Brown	P33	10	33	15/16	25
LCD2-14BF-Q		1/4	.75	.60	.88	.10	1.99	Brown	P33	10	33	15/16	25
LCD2-14DF-Q		1/4	1.00	.60	.88	.10	2.24	Brown	P33	10	33	15/16	25
LCD2-56BF-Q		5/16	.75	.66	.88	.10	2.11	Brown	P33	10	33	15/16	25
LCD2-38DF-Q		3/8	1.00	.66	.88	.10	2.47	Brown	P33	10	33	15/16	25
LCD2-12F-Q		1/2	1.75	.75	.88	.08	3.61	Brown	P33	10	33	15/16	25

‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, Two-Hole, Standard Barrel with Window Lug, 90° Angle (continued)

	Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				PANDUIT Color Code	PANDUIT Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
	LCD1-14AF-E	#1 AWG	1/4	.63	.70	.88	.11	1.94	Green	P37	11	37	15/16	20
	LCD1-14BF-E		1/4	.75	.70	.88	.11	2.06	Green	P37	11	37	15/16	20
	LCD1-56CF-E		5/16	.88	.70	.88	.11	2.31	Green	P37	11	37	15/16	20
	LCD1-38DF-E		3/8	1.00	.70	.88	.11	2.51	Green	P37	11	37	15/16	20
	LCD1-12F-E		1/2	1.75	.75	.88	.09	3.68	Green	P37	11	37	15/16	20
	LCD1/0-14AF-X	1/0 AWG	1/4	.63	.76	.94	.12	2.08	Pink	P42	12	42	1	10
	LCD1/0-14BF-X		1/4	.75	.76	.94	.12	2.20	Pink	P42	12	42	1	10
	LCD1/0-56CF-X		5/16	.88	.76	.94	.12	2.38	Pink	P42	12	42	1	10
	LCD1/0-38DF-X		3/8	1.00	.76	.94	.12	2.58	Pink	P42	12	42	1	10
	LCD1/0-12F-X		1/2	1.75	.80	.94	.12	3.75	Pink	P42	12	42	1	10
	LCD2/0-14AF-X	2/0 AWG	1/4	.63	.85	.98	.13	2.22	Black	P45	13	45	1 1/16	10
	LCD2/0-14BF-X		1/4	.75	.85	.98	.13	2.34	Black	P45	13	45	1 1/16	10
	LCD2/0-56CF-X		5/16	.88	.85	.98	.13	2.47	Black	P45	13	45	1 1/16	10
	LCD2/0-38DF-X		3/8	1.00	.85	.98	.13	2.66	Black	P45	13	45	1 1/16	10
	LCD2/0-12F-X		1/2	1.75	.85	.98	.13	3.82	Black	P45	13	45	1 1/16	10
	LCD3/0-14BF-X	3/0 AWG	1/4	.75	.96	1.14	.13	2.42	Orange	P50	14	50	1 3/16	10
	LCD3/0-56DF-X		5/16	1.00	.96	1.14	.13	2.67	Orange	P50	14	50	1 3/16	10
	LCD3/0-38DF-X		3/8	1.00	.96	1.14	.13	2.73	Orange	P50	14	50	1 3/16	10
	LCD3/0-12F-X		1/2	1.75	.96	1.14	.13	3.89	Orange	P50	14	50	1 3/16	10
	LCD4/0-14BF-X	4/0 AWG	1/4	.75	1.06	1.19	.14	2.50	Purple	P54	15	54	1 1/4	10
	LCD4/0-38DF-X		3/8	1.00	1.06	1.19	.14	2.84	Purple	P54	15	54	1 1/4	10
◆	LCD4/0-12F-X		1/2	1.75	1.06	1.19	.14	3.98	Purple	P54	15	54	1 1/4	10
	LCD250-38DF-X	250 kcmil	3/8	1.00	1.17	1.25	.14	2.90	Yellow	P62	16	62	1 5/16	10
◆	LCD250-12F-X		1/2	1.75	1.17	1.25	.14	4.04	Yellow	P62	16	62	1 5/16	10
	LCD300-38DF-X	300 kcmil	3/8	1.00	1.19	1.44	.16	2.88	White	P66	17	66	1 1/2	10
◆	LCD300-12F-X		1/2	1.75	1.19	1.44	.16	4.06	White	P66	17	66	1 1/2	10
	LCD350-14BF-X	350 kcmil	1/4	.75	1.28	1.44	.17	2.46	Red	P71	18	71	1 1/2	10
	LCD350-38DF-X		3/8	1.00	1.28	1.44	.17	2.94	Red	P71	18	71	1 1/2	10
	LCD350-12EF-X		1/2	1.25	1.28	1.44	.17	3.49	Red	P71	18	71	1 1/2	10
◆	LCD350-12F-X		1/2	1.75	1.28	1.44	.17	4.12	Red	P71	18	71	1 1/2	10
	LCD400-38DF-6	400 kcmil	3/8	1.00	1.39	1.50	.18	3.02	Blue	P76	19	76	1 9/16	6
◆	LCD400-12F-6		1/2	1.75	1.39	1.50	.18	4.20	Blue	P76	19	76	1 9/16	6
	LCD500-14BF-6	500 kcmil	1/4	.75	1.54	1.75	.22	2.65	Brown	P87	20	87	1 13/16	6
	LCD500-38DF-6		3/8	1.00	1.54	1.75	.22	3.13	Brown	P87	20	87	1 13/16	6
	LCD500-12EF-6		1/2	1.25	1.54	1.75	.22	3.68	Brown	P87	20	87	1 13/16	6
◆	LCD500-12F-6		1/2	1.75	1.54	1.75	.22	4.31	Brown	P87	20	87	1 13/16	6
	LCD600-38DF-6	600 kcmil	3/8	1.00	1.70	1.75	.26	3.26	Green	P94	22	94	1 13/16	6
◆	LCD600-12F-6		1/2	1.75	1.70	1.75	.26	4.44	Green	P94	22	94	1 13/16	6

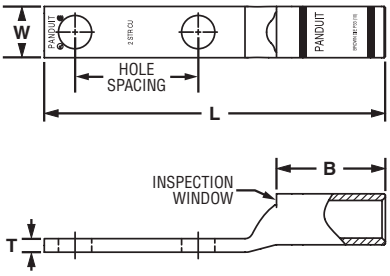
‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Code Conductor, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug

For Use with Stranded Copper Conductors

Type LCDN

- Narrow tongue width for limited space applications
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCDN2-14A-Q	#2 AWG	1/4	.63	.42	.88	.11	2.40	Brown	P33	10	33	15/16	25
LCDN2-14B-Q		1/4	.75	.42	.88	.11	2.52	Brown	P33	10	33	15/16	25
LCDN2-14D-Q		1/4	1.00	.42	.88	.11	2.77	Brown	P33	10	33	15/16	25
LCDN1-14B-E	#1 AWG	1/4	.75	.47	.88	.11	2.54	Green	P37	11	37	15/16	20
LCDN1/0-14D-X	1/0 AWG	1/4	1.00	.52	.94	.13	2.95	Pink	P42	12	42	1	10
LCDN1/0-56D-X		5/16	1.00	.52	.94	.13	3.00	Pink	P42	12	42	1	10
LCDN2/0-14A-X	2/0 AWG	1/4	.63	.58	.98	.13	2.71	Black	P45	13	45	1 1/16	10
LCDN2/0-14D-X		1/4	1.00	.58	.98	.13	3.09	Black	P45	13	45	1 1/16	10
LCDN2/0-56A-X		5/16	.63	.58	.98	.13	2.71	Black	P45	13	45	1 1/16	10
LCDN2/0-56D-X		5/16	1.00	.58	.98	.13	3.09	Black	P45	13	45	1 1/16	10
LCDN350-38D-X	350 kcmil	3/8	1.00	.88	1.44	.17	3.79	Red	P71	18	71	1 1/2	10
LCDN500-38D-6	500 kcmil	3/8	1.00	1.06	1.75	.22	4.20	Brown	P87	20	87	1 13/16	6
LCDN500-12D-6		1/2	1.00	1.06	1.75	.22	4.63	Brown	P87	20	87	1 13/16	6
LCDN750-38D-6	750 kcmil	3/8	1.00	1.30	1.88	.26	4.72	Black	P106	24	106	1 15/16	6
LCDN750-12D-6		1/2	1.00	1.30	1.88	.26	4.91	Black	P106	24	106	1 15/16	6

‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

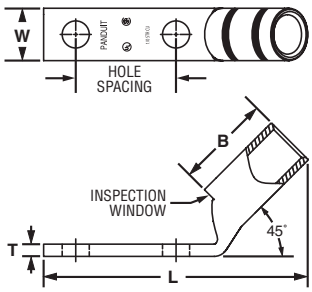
Prime items appear in **BOLD**.

Code, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug, 45°

For Use with Stranded Copper Conductors

Type LCDN-H

- Narrow tongue width for limited space applications
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCDN2-14AH-Q	#2 AWG	1/4	.63	.42	.88	.11	2.12	Brown	P33	10	33	15/16	25
LCDN2-14DH-Q	#2 AWG	1/4	1.00	.42	.88	.11	2.49	Brown	P33	10	33	15/16	25
LCDN1/0-14DH-X	1/0 AWG	1/4	1.00	.52	.94	.13	2.63	Pink	P42	12	42	1	10
LCDN1/0-56DH-X	1/0 AWG	5/16	1.00	.52	.94	.13	2.70	Pink	P42	12	42	1	10
LCDN750-38DH-6	750 kcmil	3/8	1.00	1.30	1.88	.26	4.25	Black	P106	24	106	1 15/16	6
LCDN750-12DH-6	750 kcmil	1/2	1.00	1.30	1.88	.26	4.43	Black	P106	24	106	1 15/16	6

‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.

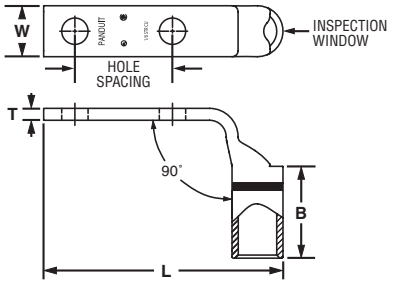
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug, 90°

For Use with Stranded Copper Conductors

Type LCDN-F

- Narrow tongue width for limited space applications
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LCDN2-14AF-Q	#2 AWG	1/4	.63	.42	.88	.11	1.86	Brown	P33	10	33	15/16	25
LCDN2-14DF-Q	#2 AWG	1/4	1.00	.42	.88	.11	2.24	Brown	P33	10	33	15/16	25
LCDN1/0-14DF-X	1/0 AWG	1/4	1.00	.52	.94	.13	2.45	Pink	P42	12	42	1	10
LCDN1/0-56DF-X	1/0 AWG	5/16	1.00	.52	.94	.13	2.51	Pink	P42	12	42	1	10
LCDN750-38DF-6	750 kcmil	3/8	1.00	1.30	1.88	.26	3.56	Black	P106	24	106	1 15/16	6
LCDN750-12DF-6	750 kcmil	1/2	1.00	1.30	1.88	.26	3.75	Black	P106	24	106	1 15/16	6

‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

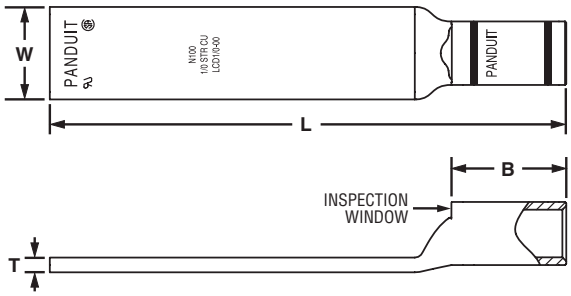
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Code Conductor, Long Blank Tongue, Standard Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCD-00

- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Recognized and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Copper Conductor Size	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCD1/0-00-X	1/0 AWG	.76	.94	.12	4.25	Pink	P42	12	42	1	10
LCD2/0-00-X	2/0 AWG	.85	.98	.13	4.30	Black	P45	13	45	1 1/16	10
LCD3/0-00-X	3/0 AWG	.96	1.14	.13	4.50	Orange	P50	14	50	1 3/16	10
LCD4/0-00-X	4/0 AWG	1.06	1.19	.14	4.58	Purple	P54	15	54	1 1/4	10
LCD250-00-X	250 kcmil	1.17	1.25	.14	4.69	Yellow	P62	16	62	1 5/16	10
LCD300-00-X	300 kcmil	1.19	1.44	.16	4.93	White	P66	17	66	1 1/2	10
LCD350-00-X	350 kcmil	1.28	1.44	.17	4.97	Red	P71	18	71	1 1/2	10
LCD400-00-6	400 kcmil	1.39	1.50	.18	5.05	Blue	P76	19	76	1 9/16	6
LCD500-00-6	500 kcmil	1.54	1.75	.22	5.38	Brown	P87	20	87	1 13/16	6
LCD600-00-6	600 kcmil	1.70	1.75	.26	5.43	Green	P94	22	94	1 13/16	6
LCD750-00-6	750 kcmil	1.89	1.88	.26	5.65	Black	P106	24	106	1 15/16	6
LCD1000-00-3	1000 kcmil	2.17	1.88	.32	5.77	White	P125	27	125	1 15/16	3

‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code Conductor, Two-Hole, Long Barrel Lug

For Use with Stranded Copper Conductors

Type LCC

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *Uni-Die*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved
- Available with NEMA hole sizes and spacing

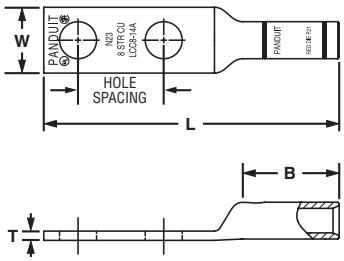


Figure 1

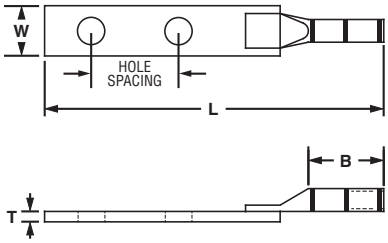


Figure 2: Two Piece Brazed Tongue Construction

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
LCC8-10A-L	1	#8 AWG	#10	.63	.41	.70	.08	2.07	Red	P21	49	21	3/4	50
LCC8-14A-L	1		1/4	.63	.48	.70	.07	2.16	Red	P21	49	21	3/4	50
LCC8-14B-L	1		1/4	.75	.48	.70	.07	2.28	Red	P21	49	21	3/4	50
LCC8-14D-L	1		1/4	1.00	.48	.70	.07	2.53	Red	P21	49	21	3/4	50
LCC8-38D-L	1		3/8	1.00	.60	.70	.05	2.75	Red	P21	49	21	3/4	50
LCC6-10A-L	1	#6 AWG	#10	.63	.46	1.07	.08	2.47	Blue	P24	7	24	1 1/8	50
LCC6-14A-L	1		1/4	.63	.48	1.07	.08	2.56	Blue	P24	7	24	1 1/8	50
LCC6-14B-L	1		1/4	.75	.48	1.07	.08	2.68	Blue	P24	7	24	1 1/8	50
LCC6-14D-L	1		1/4	1.00	.48	1.07	.08	2.93	Blue	P24	7	24	1 1/8	50
LCC6-38D-L	1		3/8	1.00	.62	1.07	.06	3.15	Blue	P24	7	24	1 1/8	50
LCC6-12-L	2		1/2	1.75	.81	1.13	.16	4.48	Blue	P24	7	24	1 3/16	50
LCC4-14A-L	1	#4 – #3 AWG STR, #2 AWG SOL	1/4	.63	.55	1.05	.09	2.58	Gray	P29	8	29	1 1/8	50
LCC4-14B-L	1		1/4	.75	.55	1.05	.09	2.70	Gray	P29	8	29	1 1/8	50
LCC4-38D-L	1		3/8	1.00	.62	1.05	.08	3.17	Gray	P29	8	29	1 1/8	50
LCC4-12-L	2	#4 AWG	1/2	1.75	.84	1.13	.16	4.50	Gray	P29	8	29	1 1/16	50
LCC2-14A-Q	1	#2 AWG	1/4	.63	.60	1.16	.10	2.77	Brown	P33	10	33	1 1/4	25
LCC2-14B-Q	1		1/4	.75	.60	1.16	.10	2.89	Brown	P33	10	33	1 1/4	25
LCC2-56B-Q	1		5/16	.75	.66	1.16	.10	3.02	Brown	P33	10	33	1 1/4	25
LCC2-56C-Q	1		5/16	.88	.66	1.16	.10	3.14	Brown	P33	10	33	1 1/4	25
LCC2-38D-Q	1		3/8	1.00	.66	1.16	.10	3.34	Brown	P33	10	33	1 1/4	25
LCC2-38-Q	1		3/8	1.75	.66	1.16	.10	4.09	Brown	P33	10	33	1 1/4	25
LCC2-12-Q	1		1/2	1.75	.75	1.16	.08	4.51	Brown	P33	10	33	1 1/4	25
LCC1-14A-E	1	#1 AWG	1/4	.63	.70	1.36	.11	3.00	Green	P37	11	37	1 7/16	20
LCC1-14B-E	1		1/4	.75	.70	1.36	.11	3.12	Green	P37	11	37	1 7/16	20
LCC1-56B-E	1		5/16	.75	.70	1.36	.11	3.25	Green	P37	11	37	1 7/16	20
LCC1-56C-E	1		5/16	.88	.70	1.36	.11	3.37	Green	P37	11	37	1 7/16	20
LCC1-38D-E	1		3/8	1.00	.70	1.36	.11	3.57	Green	P37	11	37	1 7/16	20
LCC1-12-E	1		1/2	1.75	.75	1.36	.09	4.74	Green	P37	11	37	1 7/16	20

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, Two-Hole, Long Barrel Lug (continued)

	Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCC1/0-14A-X	1	1/0 AWG	1/4	.63	.76	1.44	.12	3.18	Pink	P42	12	42	1 1/2	10
	LCC1/0-14B-X	1		1/4	.75	.76	1.44	.12	3.31	Pink	P42	12	42	1 1/2	10
	LCC1/0-56C-X	1		5/16	.88	.76	1.44	.12	3.49	Pink	P42	12	42	1 1/2	10
	LCC1/0-56D-X	1		5/16	1.00	.76	1.44	.12	3.61	Pink	P42	12	42	1 1/2	10
	LCC1/0-38D-X	1		3/8	1.00	.76	1.44	.12	3.69	Pink	P42	12	42	1 1/2	10
	LCC1/0-12D-X	1		1/2	1.00	.80	1.44	.12	3.95	Pink	P42	12	42	1 1/2	10
	LCC1/0-12-X	1		1/2	1.75	.80	1.44	.12	4.86	Pink	P42	12	42	1 1/2	10
	LCC2/0-14A-X	1	2/0 AWG	1/4	.63	.85	1.50	.13	3.38	Black	P45	13	45	1 9/16	10
	LCC2/0-14B-X	1		1/4	.75	.85	1.50	.13	3.51	Black	P45	13	45	1 9/16	10
	LCC2/0-56D-X	1		5/16	1.00	.85	1.50	.13	3.76	Black	P45	13	45	1 9/16	10
	LCC2/0-38D-X	1		3/8	1.00	.85	1.50	.13	3.82	Black	P45	13	45	1 9/16	10
	LCC2/0-12D-X	1		1/2	1.00	.85	1.50	.13	4.07	Black	P45	13	45	1 9/16	10
	LCC2/0-12-X	1		1/2	1.75	.85	1.50	.13	4.98	Black	P45	13	45	1 9/16	10
	LCC3/0-14B-X	1	3/0 AWG	1/4	.75	.96	1.50	.13	3.56	Orange	P50	14	50	1 9/16	10
	LCC3/0-38D-X	1		3/8	1.00	.96	1.50	.13	3.87	Orange	P50	14	50	1 9/16	10
	LCC3/0-12D-X	1		1/2	1.00	.96	1.50	.13	4.12	Orange	P50	14	50	1 9/16	10
	LCC3/0-12-X	1		1/2	1.75	.96	1.50	.13	5.03	Orange	P50	14	50	1 9/16	10
	LCC4/0-14B-X	1	4/0 AWG	1/4	.75	1.06	1.56	.14	3.66	Purple	P54	15	54	1 5/8	10
	LCC4/0-56D-X	1		5/16	1.00	1.06	1.56	.14	3.92	Purple	P54	15	54	1 5/8	10
	LCC4/0-38D-X	1		3/8	1.00	1.06	1.56	.14	3.99	Purple	P54	15	54	1 5/8	10
	LCC4/0-38-X	1		3/8	1.75	1.06	1.56	.14	4.74	Purple	P54	15	54	1 5/8	10
	LCC4/0-12D-X	1		1/2	1.00	1.06	1.56	.14	4.22	Purple	P54	15	54	1 5/8	10
◆	**LCC4/0-12-X**	1		1/2	1.75	1.06	1.56	.14	5.13	Purple	P54	15	54	1 5/8	10
	LCC250-38D-X	1	250 kcmil	3/8	1.00	1.17	1.60	.14	4.09	Yellow	P62	16	62	1 11/16	10
	LCC250-12D-X	1		1/2	1.00	1.17	1.60	.14	4.32	Yellow	P62	16	62	1 11/16	10
◆	**LCC250-12-X**	1		1/2	1.75	1.17	1.60	.14	5.23	Yellow	P62	16	62	1 11/16	10
	LCC300-38D-X	1	300 kcmil	3/8	1.00	1.19	2.24	.16	4.76	White	P66	17	66	2 5/16	10
◆	**LCC300-12-X**	1		1/2	1.75	1.19	2.24	.16	5.94	White	P66	17	66	2 5/16	10
	LCC350-14B-X	1	350 kcmil	1/4	.75	1.28	2.24	.17	4.33	Red	P71	18	71	2 5/16	10
	LCC350-38D-X	1		3/8	1.00	1.28	2.24	.17	4.81	Red	P71	18	71	2 5/16	10
◆	**LCC350-12-X**	1		1/2	1.75	1.28	2.24	.17	5.99	Red	P71	18	71	2 5/16	10
	LCC400-14B-6	1	400 kcmil	1/4	.75	1.39	2.30	.18	4.44	Blue	P76	19	76	2 3/8	6
	LCC400-38D-6	1		3/8	1.00	1.39	2.30	.18	4.92	Blue	P76	19	76	2 3/8	6
◆	**LCC400-12-6**	1		1/2	1.75	1.39	2.30	.18	6.10	Blue	P76	19	76	2 3/8	6
	LCC500-14B-6	1	500 kcmil	1/4	.75	1.54	2.50	.22	4.70	Brown	P87	20	87	2 9/16	6
	LCC500-38D-6	1		3/8	1.00	1.54	2.50	.22	5.18	Brown	P87	20	87	2 9/16	6
◆	**LCC500-12-6**	1		1/2	1.75	1.54	2.50	.22	6.36	Brown	P87	20	87	2 9/16	6
	LCC600-38D-6	1	600 kcmil	3/8	1.00	1.70	2.69	.26	5.45	Green	P94	22	94	2 3/4	6
◆	**LCC600-12-6**	1		1/2	1.75	1.70	2.69	.26	6.63	Green	P94	22	94	2 3/4	6
	LCC750-38D-6	1	750 kcmil	3/8	1.00	1.89	2.87	.26	6.10	Black	P106	24	106	2 15/16	6
◆	**LCC750-12-6**	1		1/2	1.75	1.89	2.87	.26	7.04	Black	P106	24	106	2 15/16	6
◆	**LCC800-12-6**	1	800 kcmil	1/2	1.75	1.95	2.94	.29	7.13	Orange	P107	25	—	3	6
	LCC1000-38D-3	1	1000 kcmil	3/8	1.00	2.17	3.00	.32	6.35	White	P125	27	125	3 1/16	3
◆	**LCC1000-12-3**	1		1/2	1.75	2.17	3.00	.32	7.29	White	P125	27	125	3 1/16	3

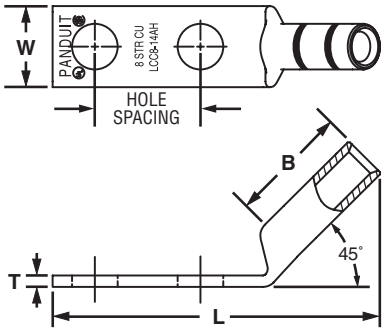
‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Code Conductor, Two-Hole, Long Barrel Lug, 45° Angle

For Use with Stranded Copper Conductors

Type LCC-H

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *Uni-Die*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved
- Available with NEMA hole sizes and spacing



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCC8-10AH-L	#8 AWG	#10	.63	.41	.70	.08	1.86	Red	P21	49	21	3/4	50
LCC8-14AH-L		1/4	.63	.48	.70	.07	1.94	Red	P21	49	21	3/4	50
LCC8-14BH-L		1/4	.75	.48	.70	.07	2.06	Red	P21	49	21	3/4	50
LCC8-14DH-L		1/4	1.00	.48	.70	.07	2.31	Red	P21	49	21	3/4	50
LCC8-38DH-L		3/8	1.00	.60	.70	.05	2.52	Red	P21	49	21	3/4	50
LCC6-10AH-L	#6 AWG	#10	.63	.46	1.07	.08	2.14	Blue	P24	7	24	1 1/8	50
LCC6-14AH-L		1/4	.63	.48	1.07	.08	2.23	Blue	P24	7	24	1 1/8	50
LCC6-14BH-L		1/4	.75	.48	1.07	.08	2.35	Blue	P24	7	24	1 1/8	50
LCC6-14DH-L		1/4	1.00	.48	1.07	.08	2.60	Blue	P24	7	24	1 1/8	50
LCC6-38DH-L		3/8	1.00	.62	1.07	.06	2.81	Blue	P24	7	24	1 1/8	50
LCC4-14AH-L	#4 – #3 AWG STR, #2 AWG SOL	1/4	.63	.55	1.05	.09	2.26	Gray	P29	8	29	1 1/8	50
LCC4-14BH-L		1/4	.75	.55	1.05	.09	2.38	Gray	P29	8	29	1 1/8	50
LCC4-38DH-L		3/8	1.00	.62	1.05	.08	2.84	Gray	P29	8	29	1 1/8	50
LCC2-14AH-Q	#2 AWG	1/4	.63	.60	1.16	.10	2.38	Brown	P33	10	33	1 1/4	25
LCC2-14BH-Q		1/4	.75	.60	1.16	.10	2.50	Brown	P33	10	33	1 1/4	25
LCC2-56BH-Q		5/16	.75	.66	1.16	.10	2.62	Brown	P33	10	33	1 1/4	25
LCC2-56CH-Q		5/16	.88	.66	1.16	.10	2.75	Brown	P33	10	33	1 1/4	25
LCC2-38DH-Q		3/8	1.00	.66	1.16	.10	2.95	Brown	P33	10	33	1 1/4	25
LCC2-38H-Q		3/8	1.75	.66	1.16	.10	3.70	Brown	P33	10	33	1 1/4	25
LCC2-12H-Q		1/2	1.75	.75	1.16	.08	4.10	Brown	P33	10	33	1 1/4	25

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, Two-Hole, Long Barrel Lug, 45° Angle (continued)

	Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCC1-14AH-E	#1 AWG	1/4	.63	.70	1.36	.11	2.53	Green	P37	11	37	1 7/16	20
	LCC1-14BH-E		1/4	.75	.70	1.36	.11	2.66	Green	P37	11	37	1 7/16	20
	LCC1-56BH-E		5/16	.75	.70	1.36	.11	2.78	Green	P37	11	37	1 7/16	20
	LCC1-56CH-E		5/16	.88	.70	1.36	.11	2.91	Green	P37	11	37	1 7/16	20
	LCC1-38DH-E		3/8	1.00	.70	1.36	.11	3.11	Green	P37	11	37	1 7/16	20
	LCC1-12H-E		1/2	1.75	.75	1.36	.09	4.27	Green	P37	11	37	1 7/16	20
	LCC1/0-14AH-X	1/0 AWG	1/4	.63	.76	1.44	.12	2.69	Pink	P42	12	42	1 1/2	10
	LCC1/0-14BH-X		1/4	.75	.76	1.44	.12	2.81	Pink	P42	12	42	1 1/2	10
	LCC1/0-56CH-X		5/16	.88	.76	1.44	.12	2.99	Pink	P42	12	42	1 1/2	10
	LCC1/0-56DH-X		5/16	1.00	.76	1.44	.12	3.12	Pink	P42	12	42	1 1/2	10
	LCC1/0-38DH-X		3/8	1.00	.76	1.44	.12	3.19	Pink	P42	12	42	1 1/2	10
	LCC1/0-12DH-X		1/2	1.00	.80	1.44	.12	3.46	Pink	P42	12	42	1 1/2	10
	LCC1/0-12H-X		1/2	1.75	.80	1.44	.12	4.36	Pink	P42	12	42	1 1/2	10
	LCC2/0-14AH-X	2/0 AWG	1/4	.63	.85	1.50	.13	2.87	Black	P45	13	45	1 9/16	10
	LCC2/0-14BH-X		1/4	.75	.85	1.50	.13	2.99	Black	P45	13	45	1 9/16	10
	LCC2/0-56DH-X		5/16	1.00	.85	1.50	.13	3.24	Black	P45	13	45	1 9/16	10
	LCC2/0-38DH-X		3/8	1.00	.85	1.50	.13	3.31	Black	P45	13	45	1 9/16	10
	LCC2/0-12DH-X		1/2	1.00	.85	1.50	.13	3.56	Black	P45	13	45	1 9/16	10
	LCC2/0-12H-X		1/2	1.75	.85	1.50	.13	4.47	Black	P45	13	45	1 9/16	10
	LCC3/0-14BH-X	3/0 AWG	1/4	.75	.96	1.50	.13	3.02	Orange	P50	14	50	1 9/16	10
	LCC3/0-38DH-X		3/8	1.00	.96	1.50	.13	3.33	Orange	P50	14	50	1 9/16	10
	LCC3/0-12DH-X		1/2	1.00	.96	1.50	.13	3.58	Orange	P50	14	50	1 9/16	10
	LCC3/0-12H-X		1/2	1.75	.96	1.50	.13	4.50	Orange	P50	14	50	1 9/16	10
	LCC4/0-14BH-X	4/0 AWG	1/4	.75	1.06	1.56	.14	3.11	Purple	P54	15	54	1 5/8	10
	LCC4/0-56DH-X		5/16	1.00	1.06	1.56	.14	3.37	Purple	P54	15	54	1 5/8	10
	LCC4/0-38DH-X		3/8	1.00	1.06	1.56	.14	3.44	Purple	P54	15	54	1 5/8	10
	LCC4/0-38H-X		3/8	1.75	1.06	1.56	.14	4.19	Purple	P54	15	54	1 5/8	10
	LCC4/0-12DH-X		1/2	1.00	1.06	1.56	.14	3.67	Purple	P54	15	54	1 5/8	10
◆	LCC4/0-12H-X		1/2	1.75	1.06	1.56	.14	4.58	Purple	P54	15	54	1 5/8	10
	LCC250-38DH-X	250 kcmil	3/8	1.00	1.17	1.61	.14	3.51	Yellow	P62	16	62	1 11/16	10
	LCC250-12DH-X		1/2	1.00	1.17	1.61	.14	3.74	Yellow	P62	16	62	1 11/16	10
◆	LCC250-12H-X		1/2	1.75	1.17	1.61	.14	4.65	Yellow	P62	16	62	1 11/16	10
	LCC300-38DH-X	300 kcmil	3/8	1.00	1.19	2.24	.16	4.05	White	P66	17	66	2 5/16	10
◆	LCC300-12H-X		1/2	1.75	1.19	2.24	.16	5.23	White	P66	17	66	2 5/16	10
	LCC350-14BH-X	350 kcmil	1/4	.75	1.28	2.24	.17	3.61	Red	P71	18	71	2 5/16	10
	LCC350-38DH-X		3/8	1.00	1.28	2.24	.17	4.09	Red	P71	18	71	2 5/16	10
◆	LCC350-12H-X		1/2	1.75	1.28	2.24	.17	5.27	Red	P71	18	71	2 5/16	10
	LCC400-14BH-6	400 kcmil	1/4	.75	1.39	2.30	.18	3.70	Blue	P76	19	76	2 3/8	6
	LCC400-38DH-6		3/8	1.00	1.39	2.30	.18	4.18	Blue	P76	19	76	2 3/8	6
◆	LCC400-12H-6		1/2	1.75	1.39	2.30	.18	5.36	Blue	P76	19	76	2 3/8	6
	LCC500-14BH-6	500 kcmil	1/4	.75	1.54	2.50	.22	3.91	Brown	P87	20	87	2 9/16	6
	LCC500-38DH-6		3/8	1.00	1.54	2.50	.22	4.39	Brown	P87	20	87	2 9/16	6
◆	LCC500-12H-6		1/2	1.75	1.54	2.50	.22	5.57	Brown	P87	20	87	2 9/16	6
	LCC600-38DH-6	600 kcmil	3/8	1.00	1.70	2.69	.26	4.61	Green	P94	22	94	2 3/4	6
◆	LCC600-12H-6		1/2	1.75	1.70	2.69	.26	5.79	Green	P94	22	94	2 3/4	6

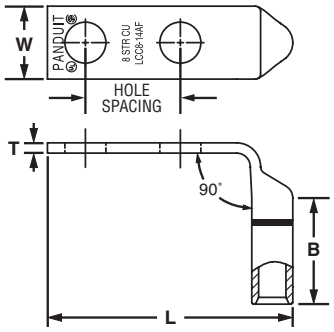
‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Code Conductor, Two-Hole, Long Barrel Lug, 90° Angle

For Use with Stranded Copper Conductors

Type LCC-F

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved
- Available with NEMA hole sizes and spacing



Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCC8-10AF-L	#8 AWG	#10	.63	.41	.70	.08	1.53	Red	P21	49	21	3/4	50
LCC8-14BF-L		1/4	.75	.48	.70	.07	1.74	Red	P21	49	21	3/4	50
LCC8-14AF-L		1/4	.63	.48	.70	.07	1.62	Red	P21	49	21	3/4	50
LCC8-14DF-L		1/4	1.00	.48	.70	.07	1.99	Red	P21	49	21	3/4	50
LCC8-38DF-L		3/8	1.00	.60	.70	.05	2.21	Red	P21	49	21	3/4	50
LCC6-10AF-L	#6 AWG	#10	.63	.46	1.07	.08	1.57	Blue	P24	7	24	1 1/8	50
LCC6-14AF-L		1/4	.63	.48	1.07	.08	1.66	Blue	P24	7	24	1 1/8	50
LCC6-14BF-L		1/4	.75	.48	1.07	.08	1.78	Blue	P24	7	24	1 1/8	50
LCC6-14DF-L		1/4	1.00	.48	1.07	.08	2.03	Blue	P24	7	24	1 1/8	50
LCC6-38DF-L		3/8	1.00	.62	1.07	.05	2.25	Blue	P24	7	24	1 1/8	50
LCC4-14AF-L	#4 – #3 AWG STR, #2 AWG SOL	1/4	.63	.55	1.05	.09	1.74	Gray	P29	8	29	1 1/8	50
LCC4-14BF-L		1/4	.75	.55	1.05	.09	1.87	Gray	P29	8	29	1 1/8	50
LCC4-38DF-L		3/8	1.00	.62	1.05	.08	2.34	Gray	P29	8	29	1 1/8	50
LCC2-14AF-Q	#2 AWG	1/4	.63	.60	1.16	.10	1.86	Brown	P33	10	33	1 1/4	25
LCC2-14BF-Q		1/4	.75	.60	1.16	.10	1.99	Brown	P33	10	33	1 1/4	25
LCC2-56BF-Q		5/16	.75	.66	1.16	.10	2.11	Brown	P33	10	33	1 1/4	25
LCC2-56CF-Q		5/16	.88	.66	1.16	.10	2.24	Brown	P33	10	33	1 1/4	25
LCC2-38DF-Q		3/8	1.00	.66	1.16	.10	2.44	Brown	P33	10	33	1 1/4	25
LCC2-38F-Q		3/8	1.75	.66	1.16	.10	3.19	Brown	P33	10	33	1 1/4	25
LCC2-12F-Q		1/2	1.75	.75	1.16	.08	3.61	Brown	P33	10	33	1 1/4	25

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, Two-Hole, Long Barrel Lug, 90° Angle (continued)

	Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCC1-14AF-E	#1 AWG	1/4	.63	.70	1.36	.11	1.94	Green	P37	11	37	1 7/16	20
	LCC1-14BF-E		1/4	.75	.70	1.36	.11	2.06	Green	P37	11	37	1 7/16	20
	LCC1-56BF-E		5/16	.75	.70	1.36	.11	2.19	Green	P37	11	37	1 7/16	20
	LCC1-56CF-E		5/16	.88	.70	1.36	.11	2.31	Green	P37	11	37	1 7/16	20
	LCC1-38DF-E		3/8	1.00	.70	1.36	.11	2.51	Green	P37	11	37	1 7/16	20
	LCC1-12F-E		1/2	1.75	.75	1.36	.09	3.68	Green	P37	11	37	1 7/16	20
	LCC1/0-14AF-X	1/0 AWG	1/4	.63	.76	1.44	.12	2.08	Pink	P42	12	42	1 1/2	10
	LCC1/0-14BF-X		1/4	.75	.76	1.44	.12	2.20	Pink	P42	12	42	1 1/2	10
	LCC1/0-56CF-X		5/16	.88	.76	1.44	.12	2.38	Pink	P42	12	42	1 1/2	10
	LCC1/0-56DF-X		5/16	1.00	.76	1.44	.12	2.51	Pink	P42	12	42	1 1/2	10
	LCC1/0-38DF-X		3/8	1.00	.76	1.44	.12	2.58	Pink	P42	12	42	1 1/2	10
	LCC1/0-12DF-X		1/2	1.00	.80	1.44	.12	2.85	Pink	P42	12	42	1 1/2	10
	LCC1/0-12F-X		1/2	1.75	.80	1.44	.12	3.75	Pink	P42	12	42	1 1/2	10
	LCC2/0-14AF-X	2/0 AWG	1/4	.63	.85	1.50	.13	2.22	Black	P45	13	45	1 9/16	10
	LCC2/0-14BF-X		1/4	.75	.85	1.50	.13	2.34	Black	P45	13	45	1 9/16	10
	LCC2/0-56DF-X		5/16	1.00	.85	1.50	.13	2.59	Black	P45	13	45	1 9/16	10
	LCC2/0-38DF-X		3/8	1.00	.85	1.50	.13	2.66	Black	P45	13	45	1 9/16	10
	LCC2/0-12DF-X		1/2	1.00	.85	1.50	.13	2.85	Black	P45	13	45	1 9/16	10
	LCC2/0-12F-X		1/2	1.75	.85	1.50	.13	3.82	Black	P45	13	45	1 9/16	10
	LCC3/0-14BF-X	3/0 AWG	1/4	.75	.96	1.50	.13	2.42	Orange	P50	14	50	1 9/16	10
	LCC3/0-38DF-X		3/8	1.00	.96	1.50	.13	2.73	Orange	P50	14	50	1 9/16	10
	LCC3/0-12DF-X		1/2	1.00	.96	1.50	.13	2.98	Orange	P50	14	50	1 9/16	10
	LCC3/0-12F-X		1/2	1.75	.96	1.50	.13	3.89	Orange	P50	14	50	1 9/16	10
	LCC4/0-14BF-X	4/0 AWG	1/4	.75	1.06	1.56	.14	2.50	Purple	P54	15	54	1 5/8	10
	LCC4/0-56DF-X		5/16	1.00	1.06	1.56	.14	2.77	Purple	P54	15	54	1 5/8	10
	LCC4/0-38DF-X		3/8	1.00	1.06	1.56	.14	2.84	Purple	P54	15	54	1 5/8	10
	LCC4/0-38F-X		3/8	1.75	1.06	1.56	.14	3.59	Purple	P54	15	54	1 5/8	10
	LCC4/0-12DF-X		1/2	1.00	1.06	1.56	.14	3.07	Purple	P54	15	54	1 5/8	10
◆	LCC4/0-12F-X		1/2	1.75	1.06	1.56	.14	3.98	Purple	P54	15	54	1 5/8	10
	LCC250-38DF-X	250 kcmil	3/8	1.00	1.17	1.61	.14	2.90	Yellow	P62	16	62	1 11/16	10
	LCC250-12DF-X		1/2	1.00	1.17	1.61	.14	3.13	Yellow	P62	16	62	1 11/16	10
◆	LCC250-12F-X		1/2	1.75	1.17	1.61	.14	4.04	Yellow	P62	16	62	1 11/16	10
	LCC300-38DF-X	300 kcmil	3/8	1.00	1.19	2.24	.16	2.88	White	P66	17	66	2 5/16	10
◆	LCC300-12F-X		1/2	1.75	1.19	2.24	.16	4.06	White	P66	17	66	2 5/16	10
	LCC350-14BF-X	350 kcmil	1/4	.75	1.28	2.24	.17	2.46	Red	P71	18	71	2 5/16	10
	LCC350-38DF-X		3/8	1.00	1.28	2.24	.17	2.94	Red	P71	18	71	2 5/16	10
◆	LCC350-12F-X		1/2	1.75	1.28	2.24	.17	4.12	Red	P71	18	71	2 5/16	10
	LCC400-14BF-6	400 kcmil	1/4	.75	1.39	2.30	.18	2.54	Blue	P76	19	76	2 3/8	6
	LCC400-38DF-6		3/8	1.00	1.39	2.30	.18	3.02	Blue	P76	19	76	2 3/8	6
◆	LCC400-12F-6		1/2	1.75	1.39	2.30	.18	4.20	Blue	P76	19	76	2 3/8	6
	LCC500-14BF-6	500 kcmil	1/4	.75	1.54	2.50	.22	2.65	Brown	P87	20	87	2 9/16	6
	LCC500-38DF-6		3/8	1.00	1.54	2.50	.22	3.13	Brown	P87	20	87	2 9/16	6
◆	LCC500-12F-6		1/2	1.75	1.54	2.50	.22	4.31	Brown	P87	20	87	2 9/16	6
	LCC600-38DF-6	600 kcmil	3/8	1.00	1.70	2.69	.26	3.26	Green	P94	22	94	2 3/4	6
◆	LCC600-12F-6		1/2	1.75	1.70	2.69	.26	4.44	Green	P94	22	94	2 3/4	6

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Code Conductor, Two-Hole, Long Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCC-W

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *Uni-Die*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing

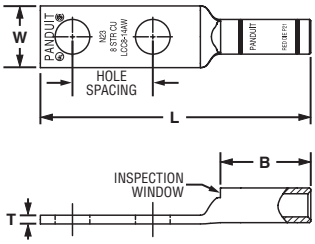


Figure 1

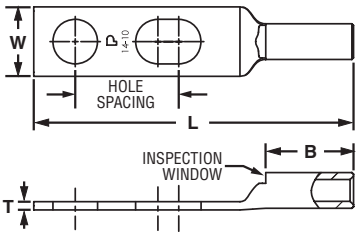


Figure 2: Slotted

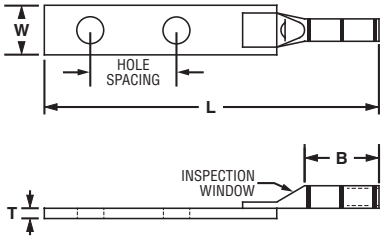


Figure 3: Two Piece Brazed Tongue Construction

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
LCC10-14JAW-L*	2	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	.50 – .63	.42	.53	.05	1.93	—	—	—	—	9/16	50
LCC10-14AW-L*	1		1/4	.63	.42	.53	.05	1.93	—	—	—	—	9/16	50
LCC10-14BW-L*	1		1/4	.75	.42	.53	.05	2.06	—	—	—	—	9/16	50
LCC8-10AW-L	1	#8 AWG	#10	.63	.41	.70	.08	2.01	Red	P21	49	21	3/4	50
LCC8-10BW-L	1		#10	.75	.41	.70	.08	2.14	Red	P21	49	21	3/4	50
LCC8-10ABW-L	2		#10	.63 – .75	.41	.70	.08	2.14	Red	P21	49	21	3/4	50
LCC8-14AW-L	1		1/4	.63	.48	.70	.07	2.10	Red	P21	49	21	3/4	50
LCC8-14BW-L	1		1/4	.75	.48	.70	.07	2.23	Red	P21	49	21	3/4	50
LCC8-14ABW-L	2		1/4	.63 – .75	.48	.70	.07	2.23	Red	P21	49	21	3/4	50
LCC8-14DW-L	1		1/4	1.00	.48	.70	.07	2.48	Red	P21	49	21	3/4	50
LCC8-38DW-L	1		3/8	1.00	.60	.70	.05	2.70	Red	P21	49	21	3/4	50
LCC6-10AW-L	1	#6 AWG	#10	.63	.46	1.07	.08	2.40	Blue	P24	7	24	1 1/8	50
LCC6-10BW-L	1		#10	.75	.46	1.07	.08	2.52	Blue	P24	7	24	1 1/8	50
LCC6-10ABW-L	2		#10	.63 – .75	.46	1.07	.08	2.52	Blue	P24	7	24	1 1/8	50
LCC6-14JW-L	1		1/4	.50	.48	1.07	.08	2.36	Blue	P24	7	24	1 1/8	50
LCC6-14AW-L	1		1/4	.63	.48	1.07	.08	2.49	Blue	P24	7	24	1 1/8	50
LCC6-14JAW-L	2		1/4	.50 – .63	.48	1.07	.08	2.49	Blue	P24	7	24	1 1/8	50
LCC6-14BW-L	1		1/4	.75	.48	1.07	.08	2.61	Blue	P24	7	24	1 1/8	50
LCC6-14DW-L	1		1/4	1.00	.48	1.07	.08	2.86	Blue	P24	7	24	1 1/8	50
LCC6-14BDW-L	2		1/4	.75 – 1.00	.48	1.07	.08	2.86	Blue	P24	7	24	1 1/8	50
LCC6-14EW-L	1		1/4	1.25	.48	1.07	.08	3.11	Blue	P24	7	24	1 1/8	50
LCC6-14W-L	1		1/4	1.75	.48	1.07	.08	3.61	Blue	P24	7	24	1 1/8	50
LCC6-56BW-L	1		5/16	.75	.56	1.07	.07	2.73	Blue	P24	7	24	1 1/8	50
LCC6-38BW-L	1		3/8	.75	.62	1.07	.06	2.83	Blue	P24	7	24	1 1/8	50
LCC6-38CW-L	1		3/8	.88	.62	1.07	.06	2.96	Blue	P24	7	24	1 1/8	50
LCC6-38DW-L	1		3/8	1.00	.62	1.07	.06	3.08	Blue	P24	7	24	1 1/8	50
LCC6-38BDW-L	2		3/8	.75 – 1.00	.62	1.07	.06	3.08	Blue	P24	7	24	1 1/8	50
LCC6-12W-L	3		1/2	1.75	.75	1.13	.16	5.00	Blue	P24	7	24	1 3/16	50

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, Two-Hole, Long Barrel with Window Lug (continued)

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				PANDUIT Color Code	PANDUIT Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
LCC4-10AW-L	1	#4 – #3 AWG STR, #2 AWG SOL	#10	.63	.55	1.05	.09	2.40	Gray	P29	8	29	1 1/8	50
LCC4-10BW-L	1		#10	.75	.55	1.05	.09	2.53	Gray	P29	8	29	1 1/8	50
LCC4-14AW-L	1		1/4	.63	.55	1.05	.09	2.50	Gray	P29	8	29	1 1/8	50
LCC4-14BW-L	1		1/4	.75	.55	1.05	.09	2.63	Gray	P29	8	29	1 1/8	50
LCC4-14DW-L	1		1/4	1.00	.55	1.05	.09	2.63	Gray	P29	8	29	1 1/8	50
LCC4-14ADW-L	2		1/4	.63 – 1.00	.55	1.05	.09	2.87	Gray	P29	8	29	1 1/8	50
LCC4-38DW-L	1		3/8	1.00	.62	1.05	.08	3.09	Gray	P29	8	29	1 1/8	50
LCC4-12W-L	3	#4 AWG	1/2	1.75	.75	1.13	.16	5.06	Gray	P29	8	29	1 3/16	50
LCC2-10AW-Q	1	#2 AWG	#10	.63	.60	1.16	.10	2.57	Brown	P33	10	33	1 1/4	25
LCC2-10BW-Q	1		#10	.75	.60	1.16	.10	2.69	Brown	P33	10	33	1 1/4	25
LCC2-14AW-Q	1		1/4	.63	.60	1.16	.10	2.67	Brown	P33	10	33	1 1/4	25
LCC2-14BW-Q	1		1/4	.75	.60	1.16	.10	2.79	Brown	P33	10	33	1 1/4	25
LCC2-14DW-Q	1		1/4	1.00	.60	1.16	.10	3.04	Brown	P33	10	33	1 1/4	25
LCC2-56BW-Q	1		5/16	.75	.66	1.16	.10	2.92	Brown	P33	10	33	1 1/4	25
LCC2-56CW-Q	1		5/16	.88	.66	1.16	.10	3.04	Brown	P33	10	33	1 1/4	25
LCC2-38BW-Q	1		3/8	.75	.66	1.16	.10	2.99	Brown	P33	10	33	1 1/4	25
LCC2-38CW-Q	1		3/8	.88	.66	1.16	.10	3.12	Brown	P33	10	33	1 1/4	25
LCC2-38DW-Q	1		3/8	1.00	.66	1.16	.10	3.24	Brown	P33	10	33	1 1/4	25
LCC2-38W-Q	1		3/8	1.75	.66	1.16	.10	3.99	Brown	P33	10	33	1 1/4	25
LCC2-12W-Q	1		1/2	1.75	.75	1.16	.08	4.41	Brown	P33	10	33	1 1/4	25
LCC1-14AW-E	1	#1 AWG	1/4	.63	.70	1.36	.11	2.89	Green	P37	11	37	1 7/16	20
LCC1-14BW-E	1		1/4	.75	.70	1.36	.11	3.01	Green	P37	11	37	1 7/16	20
LCC1-56BW-E	1		5/16	.75	.70	1.36	.11	3.14	Green	P37	11	37	1 7/16	20
LCC1-56CW-E	1		5/16	.88	.70	1.36	.11	3.26	Green	P37	11	37	1 7/16	20
LCC1-38DW-E	1		3/8	1.00	.70	1.36	.11	3.46	Green	P37	11	37	1 7/16	20
LCC1-12W-E	1		1/2	1.75	.75	1.36	.09	4.63	Green	P37	11	37	1 7/16	20
LCC1/0-14AW-X	1	1/0 AWG	1/4	.63	.76	1.44	.12	3.07	Pink	P42	12	42	1 1/2	10
LCC1/0-14BW-X	1		1/4	.75	.76	1.44	.12	3.19	Pink	P42	12	42	1 1/2	10
LCC1/0-14DW-X	1		1/4	1.00	.76	1.44	.12	3.44	Pink	P42	12	42	1 1/2	10
LCC1/0-38DW-X	1		3/8	1.00	.76	1.44	.12	3.57	Pink	P42	12	42	1 1/2	10
LCC1/0-38W-X	1		3/8	1.75	.76	1.44	.12	4.32	Pink	P42	12	42	1 1/2	10
LCC1/0-12DW-X	1		1/2	1.00	.80	1.44	.12	3.84	Pink	P42	12	42	1 1/2	10
LCC1/0-12W-X	1		1/2	1.75	.80	1.44	.12	4.74	Pink	P42	12	42	1 1/2	10
LCC2/0-14AW-X	1	2/0 AWG	1/4	.63	.85	1.50	.13	3.23	Black	P45	13	45	1 9/16	10
LCC2/0-14BW-X	1		1/4	.75	.85	1.50	.13	3.36	Black	P45	13	45	1 9/16	10
LCC2/0-56DW-X	1		5/16	1.00	.85	1.50	.13	3.61	Black	P45	13	45	1 9/16	10
LCC2/0-38DW-X	1		3/8	1.00	.85	1.50	.13	3.67	Black	P45	13	45	1 9/16	10
LCC2/0-12DW-X	1		1/2	1.00	.85	1.50	.13	3.92	Black	P45	13	45	1 9/16	10
LCC2/0-12W-X	1		1/2	1.75	.85	1.50	.13	4.83	Black	P45	13	45	1 9/16	10

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Chart continues on page D2.48

Code Conductor, Two-Hole, Long Barrel with Window Lug (continued)

	Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
						W	B	T	L						
	LCC3/0-14BW-X	1	3/0 AWG	1/4	.75	.96	1.50	.13	3.39	Orange	P50	14	50	1 9/16	10
	LCC3/0-56DW-X	1		5/16	1.00	.96	1.50	.13	3.64	Orange	P50	14	50	1 9/16	10
	LCC3/0-38DW-X	1		3/8	1.00	.96	1.50	.13	3.70	Orange	P50	14	50	1 9/16	10
	LCC3/0-12DW-X	1		1/2	1.00	.96	1.50	.13	3.95	Orange	P50	14	50	1 9/16	10
	LCC3/0-12W-X	1		1/2	1.75	.96	1.50	.13	4.87	Orange	P50	14	50	1 9/16	10
	LCC4/0-14AW-X	1	4/0 AWG	1/4	.63	1.06	1.56	.14	3.35	Purple	P54	15	54	1 5/8	10
	LCC4/0-14BW-X	1		1/4	.75	1.06	1.56	.14	3.48	Purple	P54	15	54	1 5/8	10
	LCC4/0-56DW-X	1		5/16	1.00	1.06	1.56	.14	3.74	Purple	P54	15	54	1 5/8	10
	LCC4/0-38DW-X	1		3/8	1.00	1.06	1.56	.14	3.81	Purple	P54	15	54	1 5/8	10
	LCC4/0-38W-X	1		3/8	1.75	1.06	1.56	.14	4.56	Purple	P54	15	54	1 5/8	10
	LCC4/0-12DW-X	1		1/2	1.00	1.06	1.56	.14	4.04	Purple	P54	15	54	1 5/8	10
◆	**LCC4/0-12W-X**	1		1/2	1.75	1.06	1.56	.14	4.95	Purple	P54	15	54	1 5/8	10
	LCC250-56DW-X	1	250 kcmil	5/16	1.00	1.17	1.61	.14	3.82	Yellow	P62	16	62	1 11/16	10
	LCC250-38DW-X	1		3/8	1.00	1.17	1.61	.14	3.89	Yellow	P62	16	62	1 11/16	10
	LCC250-12DW-X	1		1/2	1.00	1.17	1.61	.14	4.12	Yellow	P62	16	62	1 11/16	10
◆	**LCC250-12W-X**	1		1/2	1.75	1.17	1.61	.14	5.03	Yellow	P62	16	62	1 11/16	10
	LCC300-38DW-X	1	300 kcmil	3/8	1.00	1.19	2.24	.16	4.54	White	P66	17	66	2 5/16	10
◆	**LCC300-12W-X**	1		1/2	1.75	1.19	2.24	.16	5.72	White	P66	17	66	2 5/16	10
	LCC350-14BW-X	1	350 kcmil	1/4	.75	1.28	2.24	.17	4.10	Red	P71	18	71	2 5/16	10
	LCC350-38DW-X	1		3/8	1.00	1.28	2.24	.17	4.58	Red	P71	18	71	2 5/16	10
◆	**LCC350-12W-X**	1		1/2	1.75	1.28	2.24	.17	5.76	Red	P71	18	71	2 5/16	10
	LCC400-14BW-6	1	400 kcmil	1/4	.75	1.39	2.30	.18	4.18	Blue	P76	19	76	2 3/8	6
	LCC400-38DW-6	1		3/8	1.00	1.39	2.30	.18	4.66	Blue	P76	19	76	2 3/8	6
◆	**LCC400-12W-6**	1		1/2	1.75	1.28	2.30	.17	5.84	Blue	P76	19	76	2 3/8	6
	LCC500-14BW-6	1	500 kcmil	1/4	.75	1.54	2.50	.22	4.46	Brown	P87	20	87	2 9/16	6
	LCC500-38DW-6	1		3/8	1.00	1.54	2.50	.22	4.94	Brown	P87	20	87	2 9/16	6
◆	**LCC500-12W-6**	1		1/2	1.75	1.54	2.50	.22	6.12	Brown	P87	20	87	2 9/16	6
	LCC600-38DW-6	1	600 kcmil	3/8	1.00	1.70	2.69	.26	5.18	Green	P94	22	94	2 3/4	6
◆	**LCC600-12W-6**	1		1/2	1.75	1.70	2.69	.26	6.36	Green	P94	22	94	2 3/4	6
	LCC750-38DW-6	1	750 kcmil	3/8	1.00	1.89	2.88	.26	5.71	Black	P106	24	106	2 15/16	6
◆	**LCC750-12W-6**	1		1/2	1.75	1.89	2.88	.26	6.65	Black	P106	24	106	2 15/16	6
◆	**LCC800-12W-6**	1	800 kcmil	1/2	1.75	1.95	2.94	.30	6.74	Orange	P107	25	107	3	6
	LCC1000-38DW-3	1	1000 kcmil	3/8	1.00	2.17	3.00	.32	5.95	White	P125	27	125	3 1/16	3
◆	**LCC1000-12W-3**	1		1/2	1.75	2.17	3.00	.32	6.89	White	P125	27	125	3 1/16	3

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, Two-Hole, Long Barrel with Window Lug, 45° Angle

For Use with Stranded Copper Conductors

Type LCC-WH

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *Uni-Die*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing

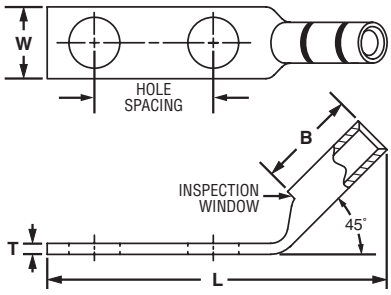


Figure 1

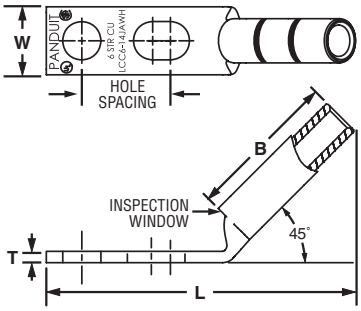


Figure 2: Slotted

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
LCC10-14JAWH-L*	2	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	.50 – .63	.42	.53	.05	1.78	—	—	—	—	9/16	50
LCC10-14AWH-L*	1		1/4	.63	.42	.53	.05	1.78	—	—	—	—	9/16	50
LCC10-14BWH-L*	1		1/4	.75	.42	.53	.05	1.90	—	—	—	—	9/16	50
LCC8-10AWH-L	1	#8 AWG	#10	.63	.41	.70	.08	1.82	Red	P21	49	21	3/4	50
LCC8-10BWH-L	1		#10	.75	.41	.70	.08	1.95	Red	P21	49	21	3/4	50
LCC8-14AWH-L	1		1/4	.63	.48	.70	.07	1.91	Red	P21	49	21	3/4	50
LCC8-14BWH-L	1		1/4	.75	.48	.70	.07	2.03	Red	P21	49	21	3/4	50
LCC8-14DWH-L	1		1/4	1.00	.48	.70	.07	2.28	Red	P21	49	21	3/4	50
LCC8-38DWH-L	1		3/8	1.00	.60	.70	.05	2.49	Red	P21	49	21	3/4	50
LCC6-10AWH-L	1	#6 AWG	#10	.63	.46	1.07	.08	2.09	Blue	P24	7	24	1 1/8	50
LCC6-10BWH-L	1		#10	.75	.46	1.07	.08	2.22	Blue	P24	7	24	1 1/8	50
LCC6-14JWH-L	1		1/4	.50	.48	1.07	.08	2.06	Blue	P24	7	24	1 1/8	50
LCC6-14AWH-L	1		1/4	.63	.48	1.07	.08	2.18	Blue	P24	7	24	1 1/8	50
LCC6-14JAWH-L	2		1/4	.50 – .63	.48	1.07	.08	2.08	Blue	P24	7	24	1 1/8	50
LCC6-14BWH-L	1		1/4	.75	.48	1.07	.08	2.31	Blue	P24	7	24	1 1/8	50
LCC6-14DWH-L	1		1/4	1.00	.48	1.07	.08	2.56	Blue	P24	7	24	1 1/8	50
LCC6-14EWH-L	1		1/4	1.25	.48	1.07	.08	2.81	Blue	P24	7	24	1 1/8	50
LCC6-56BWH-L	1		5/16	.75	.56	1.07	.07	2.42	Blue	P24	7	24	1 1/8	50
LCC6-38BWH-L	1		3/8	.75	.62	1.07	.06	2.52	Blue	P24	7	24	1 1/8	50
LCC6-38CWH-L	1		3/8	.88	.62	1.07	.06	2.64	Blue	P24	7	24	1 1/8	50
LCC6-38DWH-L	1		3/8	1.00	.62	1.07	.06	2.77	Blue	P24	7	24	1 1/8	50

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Chart continues on page D2.50

Code Conductor, Two-Hole, Long Barrel with Window Lug, 45° Angle (continued)

	Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCC4-10AWH-L	1	#4 – #3 AWG STR, #2 AWG SOL	#10	.63	.55	1.05	.09	2.11	Gray	P29	8	29	1 1/8	50
	LCC4-10BWH-L	1		#10	.75	.55	1.05	.09	2.23	Gray	P29	8	29	1 1/8	50
	LCC4-14AWH-L	1		1/4	.63	.55	1.05	.09	2.20	Gray	P29	8	29	1 1/8	50
	LCC4-14BWH-L	1		1/4	.75	.55	1.05	.09	2.32	Gray	P29	8	29	1 1/8	50
	LCC4-38DWH-L	1		3/8	1.00	.62	1.05	.08	2.79	Gray	P29	8	29	1 1/8	50
	LCC2-10AWH-Q	1	#2 AWG	#10	.63	.60	1.16	.10	2.21	Brown	P33	10	33	1 1/4	25
	LCC2-10BWH-Q	1		#10	.75	.60	1.16	.10	2.33	Brown	P33	10	33	1 1/4	25
	LCC2-14AWH-Q	1		1/4	.63	.60	1.16	.10	2.31	Brown	P33	10	33	1 1/4	25
	LCC2-14BWH-Q	1		1/4	.75	.60	1.16	.10	2.43	Brown	P33	10	33	1 1/4	25
	LCC2-14DWH-Q	1		1/4	1.00	.60	1.16	.10	2.68	Brown	P33	10	33	1 1/4	25
	LCC2-56BWH-Q	1		5/16	.75	.66	1.16	.10	2.55	Brown	P33	10	33	1 1/4	25
	LCC2-56CWH-Q	1		5/16	.88	.66	1.16	.10	2.68	Brown	P33	10	33	1 1/4	25
	LCC2-38BWH-Q	1		3/8	.75	.66	1.16	.10	2.63	Brown	P33	10	33	1 1/4	25
	LCC2-38CWH-Q	1		3/8	.88	.66	1.16	.10	2.75	Brown	P33	10	33	1 1/4	25
	LCC2-38DWH-Q	1		3/8	1.00	.66	1.16	.10	2.88	Brown	P33	10	33	1 1/4	25
	LCC2-38WH-Q	1		3/8	1.75	.66	1.16	.10	3.63	Brown	P33	10	33	1 1/4	25
	LCC2-12WH-Q	1		1/2	1.75	.75	1.16	.08	4.03	Brown	P33	10	33	1 1/4	25
	LCC1-14AWH-E	1	#1 AWG	1/4	.63	.70	1.36	.11	2.46	Green	P37	11	37	1 7/16	20
	LCC1-14BWH-E	1		1/4	.75	.70	1.36	.11	2.58	Green	P37	11	37	1 7/16	20
	LCC1-56BWH-E	1		5/16	.75	.70	1.36	.11	2.71	Green	P37	11	37	1 7/16	20
	LCC1-56CWH-E	1		5/16	.88	.70	1.36	.11	2.83	Green	P37	11	37	1 7/16	20
	LCC1-38DWH-E	1		3/8	1.00	.70	1.36	.11	3.04	Green	P37	11	37	1 7/16	20
	LCC1-12WH-E	1		1/2	1.75	.75	1.36	.09	4.20	Green	P37	11	37	1 7/16	20
	LCC1/0-14AWH-X	1	1/0 AWG	1/4	.63	.76	1.44	.12	2.61	Pink	P42	12	42	1 1/2	10
	LCC1/0-14BWH-X	1		1/4	.75	.76	1.44	.12	2.73	Pink	P42	12	42	1 1/2	10
	LCC1/0-14DWH-X	1		1/4	1.00	.76	1.44	.12	2.98	Pink	P42	12	42	1 1/2	10
	LCC1/0-38DWH-X	1		3/8	1.00	.76	1.44	.12	3.11	Pink	P42	12	42	1 1/2	10
	LCC1/0-38WH-X	1		3/8	1.75	.76	1.44	.12	3.86	Pink	P42	12	42	1 1/2	10
	LCC1/0-12DWH-X	1		1/2	1.00	.80	1.44	.12	3.37	Pink	P42	12	42	1 1/2	10
	LCC1/0-12WH-X	1		1/2	1.75	.80	1.44	.12	4.28	Pink	P42	12	42	1 1/2	10
	LCC2/0-14AWH-X	1	2/0 AWG	1/4	.63	.85	1.50	.13	2.76	Black	P45	13	45	1 9/16	10
	LCC2/0-14BWH-X	1		1/4	.75	.85	1.50	.13	2.88	Black	P45	13	45	1 9/16	10
	LCC2/0-56DWH-X	1		5/16	1.00	.85	1.50	.13	3.13	Black	P45	13	45	1 9/16	10
	LCC2/0-38DWH-X	1		3/8	1.00	.85	1.50	.13	3.20	Black	P45	13	45	1 9/16	10
	LCC2/0-12DWH-X	1		1/2	1.00	.85	1.50	.13	3.45	Black	P45	13	45	1 9/16	10
	LCC2/0-12WH-X	1		1/2	1.75	.85	1.50	.13	4.36	Black	P45	13	45	1 9/16	10
	LCC3/0-14BWH-X	1	3/0 AWG	1/4	.75	.96	1.50	.13	2.91	Orange	P50	14	50	1 9/16	10
	LCC3/0-56DWH-X	1		5/16	1.00	.96	1.50	.13	3.16	Orange	P50	14	50	1 9/16	10
	LCC3/0-38DWH-X	1		3/8	1.00	.96	1.50	.13	3.22	Orange	P50	14	50	1 9/16	10
	LCC3/0-12DWH-X	1		1/2	1.00	.96	1.50	.13	3.47	Orange	P50	14	50	1 9/16	10
	LCC3/0-12WH-X	1		1/2	1.75	.96	1.50	.13	4.38	Orange	P50	14	50	1 9/16	10
	LCC4/0-14AWH-X	1	4/0 AWG	1/4	.63	1.06	1.56	.14	2.85	Purple	P54	15	54	1 5/8	10
	LCC4/0-14BWH-X	1		1/4	.75	1.06	1.56	.14	2.98	Purple	P54	15	54	1 5/8	10
	LCC4/0-56DWH-X	1		5/16	1.00	1.06	1.56	.14	3.24	Purple	P54	15	54	1 5/8	10
	LCC4/0-38DWH-X	1		3/8	1.00	1.06	1.56	.14	3.31	Purple	P54	15	54	1 5/8	10
	LCC4/0-38WH-X	1		3/8	1.75	1.06	1.56	.14	4.06	Purple	P54	15	54	1 5/8	10
	LCC4/0-12DWH-X	1		1/2	1.00	1.06	1.56	.14	3.54	Purple	P54	15	54	1 5/8	10
◆	**LCC4/0-12WH-X**	1		1/2	1.75	1.06	1.56	.14	4.45	Purple	P54	15	54	1 5/8	10

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, Two-Hole, Long Barrel with Window Lug, 45° Angle (continued)

	Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
						W	B	T	L						
	LCC250-56DWH-X	1	250 kcmil	5/16	1.00	1.17	1.61	.14	3.31	Yellow	P62	16	62	1 11/16	10
	LCC250-38DWH-X	1		3/8	1.00	1.17	1.61	.14	3.38	Yellow	P62	16	62	1 11/16	10
	LCC250-12DWH-X	1		1/2	1.00	1.17	1.61	.14	3.61	Yellow	P62	16	62	1 11/16	10
◆	LCC250-12WH-X	1		1/2	1.75	1.17	1.61	.14	4.52	Yellow	P62	16	62	1 11/16	10
	LCC300-38DWH-X	1	300 kcmil	3/8	1.00	1.19	2.24	.16	3.93	White	P66	17	66	2 5/16	10
◆	LCC300-12WH-X	1		1/2	1.75	1.19	2.24	.16	5.11	White	P66	17	66	2 5/16	10
	LCC350-14BWH-X	1	350 kcmil	1/4	.75	1.28	2.24	.17	3.48	Red	P71	18	71	2 5/16	10
	LCC350-38DWH-X	1		3/8	1.00	1.28	2.24	.17	3.96	Red	P71	18	71	2 5/16	10
◆	LCC350-12WH-X	1		1/2	1.75	1.28	2.24	.17	5.14	Red	P71	18	71	2 5/16	10
	LCC400-14BWH-6	1	400 kcmil	1/4	.75	1.39	2.30	.18	3.59	Blue	P76	19	76	2 3/8	6
	LCC400-38DWH-6	1		3/8	1.00	1.39	2.30	.18	4.07	Blue	P76	19	76	2 3/8	6
◆	LCC400-12WH-6	1		1/2	1.75	1.28	2.30	.17	5.24	Blue	P76	19	76	2 3/8	6
	LCC500-14BWH-6	1	500 kcmil	1/4	.75	1.54	2.50	.22	3.80	Brown	P87	20	87	2 9/16	6
	LCC500-38DWH-6	1		3/8	1.00	1.54	2.50	.22	4.29	Brown	P87	20	87	2 9/16	6
◆	LCC500-12WH-6	1		1/2	1.75	1.54	2.50	.22	5.46	Brown	P87	20	87	2 9/16	6
	LCC600-38DWH-6	1	600 kcmil	3/8	1.00	1.70	2.69	.26	4.47	Green	P94	22	94	2 3/4	6
◆	LCC600-12WH-6	1		1/2	1.75	1.70	2.69	.26	5.65	Green	P94	22	94	2 3/4	6

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Code Conductor, Two-Hole, Long Barrel with Window Lug, 90° Angle

For Use with Stranded Copper Conductors

Type LCC-WF

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing

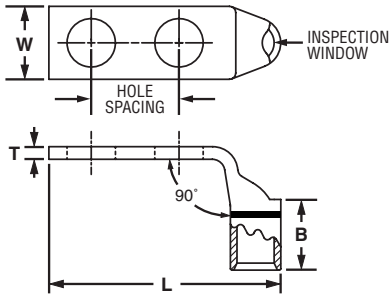


Figure 1

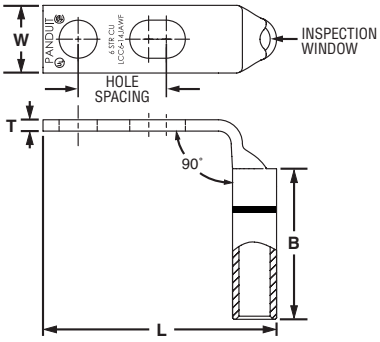


Figure 2: Slotted

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCC10-14JAWF-L*	2	#14 – #10 AWG STR, #12 – #10 AWG SOL	1/4	.50 – .63	.42	.53	.05	1.56	—	—	—	—	9/16	50
LCC10-14AWF-L*	1		1/4	.63	.42	.53	.05	1.56	—	—	—	—	9/16	50
LCC10-14BWF-L*	1		1/4	.75	.42	.53	.05	1.69	—	—	—	—	9/16	50
LCC8-10AWF-L	1	#8 AWG	#10	.63	.41	.70	.08	1.53	Red	P21	49	21	3/4	50
LCC8-10BWF-L	1		#10	.75	.41	.70	.08	1.65	Red	P21	49	21	3/4	50
LCC8-14AWF-L	1		1/4	.63	.48	.70	.07	1.61	Red	P21	49	21	3/4	50
LCC8-14BWF-L	1		1/4	.75	.48	.70	.07	1.74	Red	P21	49	21	3/4	50
LCC8-14DWF-L	1		1/4	1.00	.48	.70	.07	1.99	Red	P21	49	21	3/4	50
LCC8-38DWF-L	1		3/8	1.00	.60	.70	.05	2.21	Red	P21	49	21	3/4	50
LCC6-10AWF-L	1	#6 AWG	#10	.63	.46	1.07	.08	1.57	Blue	P24	7	24	1 1/8	50
LCC6-10BWF-L	1		#10	.75	.46	1.07	.08	1.69	Blue	P24	7	24	1 1/8	50
LCC6-14JWF-L	1		1/4	.50	.48	1.07	.08	1.53	Blue	P24	7	24	1 1/8	50
LCC6-14AWF-L	1		1/4	.63	.48	1.07	.08	1.66	Blue	P24	7	24	1 1/8	50
LCC6-14JAWF-L	2		1/4	.50 – .63	.48	1.07	.08	1.66	Blue	P24	7	24	1 1/8	50
LCC6-14BWF-L	1		1/4	.75	.48	1.07	.08	1.78	Blue	P24	7	24	1 1/8	50
LCC6-14DWF-L	1		1/4	1.00	.48	1.07	.08	2.03	Blue	P24	7	24	1 1/8	50
LCC6-14EWF-L	1		1/4	1.25	.48	1.07	.08	2.28	Blue	P24	7	24	1 1/8	50
LCC6-56BWF-L	1		5/16	.75	.56	1.07	.07	1.90	Blue	P24	7	24	1 1/8	50
LCC6-38BWF-L	1		3/8	.75	.62	1.07	.06	2.00	Blue	P24	7	24	1 1/8	50
LCC6-38CWF-L	1		3/8	.88	.62	1.07	.06	2.13	Blue	P24	7	24	1 1/8	50
LCC6-38DWF-L	1		3/8	1.00	.62	1.07	.06	2.25	Blue	P24	7	24	1 1/8	50

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code Conductor, Two-Hole, Long Barrel with Window Lug, 90° Angle (continued)

Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	PANDUIT Color Code	PANDUIT Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCC4-10AWF-L	1	#4 – #3 AWG STR, #2 AWG SOL	#10	.63	.55	1.05	.09	1.65	Gray	P29	8	29	1 1/8	50
LCC4-10BWF-L	1		#10	.75	.55	1.05	.09	1.78	Gray	P29	8	29	1 1/8	50
LCC4-14AWF-L	1		1/4	.63	.55	1.05	.09	1.74	Gray	P29	8	29	1 1/8	50
LCC4-14BWF-L	1		1/4	.75	.55	1.05	.09	1.87	Gray	P29	8	29	1 1/8	50
LCC4-38DWF-L	1		3/8	1.00	.62	1.05	.08	2.34	Gray	P29	8	29	1 1/8	50
LCC2-10AWF-Q	1	#2 AWG	#10	.63	.60	1.16	.10	1.76	Brown	P33	10	33	1 1/4	25
LCC2-10BWF-Q	1		#10	.75	.60	1.16	.10	1.89	Brown	P33	10	33	1 1/4	25
LCC2-14AWF-Q	1		1/4	.63	.60	1.16	.10	1.86	Brown	P33	10	33	1 1/4	25
LCC2-14BWF-Q	1		1/4	.75	.60	1.16	.10	1.99	Brown	P33	10	33	1 1/4	25
LCC2-14DWF-Q	1		1/4	1.00	.60	1.16	.10	2.24	Brown	P33	10	33	1 1/4	25
LCC2-56BWF-Q	1		5/16	.75	.66	1.16	.10	2.11	Brown	P33	10	33	1 1/4	25
LCC2-56CWF-Q	1		5/16	.88	.66	1.16	.10	2.24	Brown	P33	10	33	1 1/4	25
LCC2-38BWF-Q	1		3/8	.75	.66	1.16	.10	2.19	Brown	P33	10	33	1 1/4	25
LCC2-38CWF-Q	1		3/8	.88	.66	1.16	.10	2.31	Brown	P33	10	33	1 1/4	25
LCC2-38DWF-Q	1		3/8	1.00	.66	1.16	.10	2.44	Brown	P33	10	33	1 1/4	25
LCC2-38WF-Q	1		3/8	1.75	.66	1.16	.10	3.19	Brown	P33	10	33	1 1/4	25
LCC2-12WF-Q	1		1/2	1.75	.75	1.16	.08	3.61	Brown	P33	10	33	1 1/4	25
LCC1-14AWF-E	1	#1 AWG	1/4	.63	.70	1.36	.11	1.94	Green	P37	11	37	1 7/16	20
LCC1-14BWF-E	1		1/4	.75	.70	1.36	.11	2.06	Green	P37	11	37	1 7/16	20
LCC1-56BWF-E	1		5/16	.75	.70	1.36	.11	2.19	Green	P37	11	37	1 7/16	20
LCC1-56CWF-E	1		5/16	.88	.70	1.36	.11	2.31	Green	P37	11	37	1 7/16	20
LCC1-38DWF-E	1		3/8	1.00	.70	1.36	.11	2.51	Green	P37	11	37	1 7/16	20
LCC1-12WF-E	1		1/2	1.75	.75	1.36	.09	3.68	Green	P37	11	37	1 7/16	20
LCC1/0-14AWF-X	1	1/0 AWG	1/4	.63	.76	1.44	.12	2.08	Pink	P42	12	42	1 1/2	10
LCC1/0-14BWF-X	1		1/4	.75	.76	1.44	.12	2.20	Pink	P42	12	42	1 1/2	10
LCC1/0-14DWF-X	1		1/4	1.00	.76	1.44	.12	2.45	Pink	P42	12	42	1 1/2	10
LCC1/0-38DWF-X	1		3/8	1.00	.76	1.44	.12	2.58	Pink	P42	12	42	1 1/2	10
LCC1/0-38WF-X	1		3/8	1.75	.76	1.44	.12	3.33	Pink	P42	12	42	1 1/2	10
LCC1/0-12DWF-X	1		1/2	1.00	.80	1.44	.12	2.85	Pink	P42	12	42	1 1/2	10
LCC1/0-12WF-X	1		1/2	1.75	.80	1.44	.12	3.75	Pink	P42	12	42	1 1/2	10
LCC2/0-14AWF-X	1	2/0 AWG	1/4	.63	.85	1.50	.13	2.22	Black	P45	13	45	1 9/16	10
LCC2/0-14BWF-X	1		1/4	.75	.85	1.50	.13	2.34	Black	P45	13	45	1 9/16	10
LCC2/0-56DWF-X	1		5/16	1.00	.85	1.50	.13	2.59	Black	P45	13	45	1 9/16	10
LCC2/0-38DWF-X	1		3/8	1.00	.85	1.50	.13	2.66	Black	P45	13	45	1 9/16	10
LCC2/0-12DWF-X	1		1/2	1.00	.85	1.50	.13	2.91	Black	P45	13	45	1 9/16	10
LCC2/0-12WF-X	1		1/2	1.75	.85	1.50	.13	3.82	Black	P45	13	45	1 9/16	10
LCC3/0-14BWF-X	1	3/0 AWG	1/4	.75	.96	1.50	.13	2.42	Orange	P50	14	50	1 9/16	10
LCC3/0-56DWF-X	1		5/16	1.00	.96	1.50	.13	2.67	Orange	P50	14	50	1 9/16	10
LCC3/0-38DWF-X	1		3/8	1.00	.96	1.50	.13	2.73	Orange	P50	14	50	1 9/16	10
LCC3/0-12DWF-X	1		1/2	1.00	.96	1.50	.13	2.98	Orange	P50	14	50	1 9/16	10
LCC3/0-12WF-X	1		1/2	1.75	.96	1.50	.13	3.89	Orange	P50	14	50	1 9/16	10
LCC4/0-14AWF-X	1	4/0 AWG	1/4	.63	1.06	1.56	.14	2.38	Purple	P54	15	54	1 5/8	10
LCC4/0-14BWF-X	1		1/4	.75	1.06	1.56	.14	2.50	Purple	P54	15	54	1 5/8	10
LCC4/0-56DWF-X	1		5/16	1.00	1.06	1.56	.14	2.77	Purple	P54	15	54	1 5/8	10
LCC4/0-38DWF-X	1		3/8	1.00	1.06	1.56	.14	2.84	Purple	P54	15	54	1 5/8	10
LCC4/0-38WF-X	1		3/8	1.75	1.06	1.56	.14	3.59	Purple	P54	15	54	1 5/8	10
LCC4/0-12DWF-X	1		1/2	1.00	1.06	1.56	.14	3.07	Purple	P54	15	54	1 5/8	10
◆ LCC4/0-12WF-X	1		1/2	1.75	1.06	1.56	.14	3.98	Purple	P54	15	54	1 5/8	10

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Chart continues on page D2.54

Code Conductor, Two-Hole, Long Barrel with Window Lug, 90° Angle (continued)

	Part Number	Figure No.	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCC250-56DWF-X	1	250 kcmil	5/16	1.00	1.17	1.61	.14	2.83	Yellow	P62	16	62	1 11/16	10
	LCC250-38DWF-X	1		3/8	1.00	1.17	1.61	.14	2.90	Yellow	P62	16	62	1 11/16	10
	LCC250-12DWF-X	1		1/2	1.00	1.17	1.61	.14	3.13	Yellow	P62	16	62	1 11/16	10
◆	**LCC250-12WF-X**	1		1/2	1.75	1.17	1.61	.14	4.04	Yellow	P62	16	62	1 11/16	10
	LCC300-38DWF-X	1	300 kcmil	3/8	1.00	1.19	2.24	.16	2.88	White	P66	17	66	2 5/16	10
◆	**LCC300-12WF-X**	1		1/2	1.75	1.19	2.24	.16	4.06	White	P66	17	66	2 5/16	10
	LCC350-14BWF-X	1	350 kcmil	1/4	.75	1.28	2.24	.17	2.46	Red	P71	18	71	2 5/16	10
	LCC350-38DWF-X	1		3/8	1.00	1.28	2.24	.17	2.94	Red	P71	18	71	2 5/16	10
◆	**LCC350-12WF-X**	1		1/2	1.75	1.28	2.24	.17	4.12	Red	P71	18	71	2 5/16	10
	LCC400-14BWF-6	1	400 kcmil	1/4	.75	1.39	2.30	.18	2.54	Blue	P76	19	76	2 3/8	6
	LCC400-38DWF-6	1		3/8	1.00	1.39	2.30	.18	3.02	Blue	P76	19	76	2 3/8	6
◆	**LCC400-12WF-6**	1		1/2	1.75	1.39	2.30	.18	4.20	Blue	P76	19	76	2 3/8	6
	LCC500-14BWF-6	1	500 kcmil	1/4	.75	1.54	2.50	.22	2.65	Brown	P87	20	87	2 9/16	6
	LCC500-38DWF-6	1		3/8	1.00	1.54	2.50	.22	3.13	Brown	P87	20	87	2 9/16	6
◆	**LCC500-12WF-6**	1		1/2	1.75	1.54	2.50	.22	4.31	Brown	P87	20	87	2 9/16	6
	LCC600-38DWF-6	1	600 kcmil	3/8	1.00	1.70	2.69	.26	3.26	Green	P94	22	94	2 3/4	6
◆	**LCC600-12WF-6**	1		1/2	1.75	1.70	2.69	.26	4.44	Green	P94	22	94	2 3/4	6

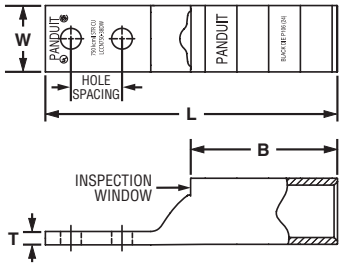
‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
*Not tested to NEBS Level 3 requirements.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Code Conductor, Two-Hole, Long Barrel with Window, Narrow Tongue Lug

For Use with Stranded Copper Conductors

Type LCCN-W

- Narrow tongue width for limited space applications
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *Uni-Die*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing



	Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCCN750-38DW-6	750 kcmil	3/8	1.00	1.30	2.88	.26	5.72	Black	P106	24	106	2 15/16	6
◆	**LCCN750-12W-6**	750 kcmil	1/2	1.75	1.30	2.88	.26	6.66	Black	P106	24	106	2 15/16	6

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

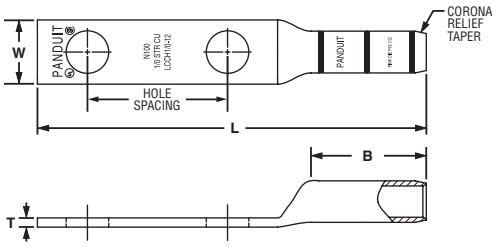
Prime items appear in **BOLD**.

Code Conductor, Two-Hole, Long Barrel with Corona Relief Taper Lug

To Facilitate Use with Stranded Copper Conductors in Applications of 5000V or More

Type LCCH

- Externally chamfered barrel end inhibits Corona effect when used in high voltage applications
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- Available with NEMA hole sizes and spacing



	Part Number	Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
					W	B	T	L						
	LCCH1/0-12-X	1/0 AWG	1/2	1.75	.80	1.44	.12	4.86	Pink	P42	12	42	1 1/2	10
	LCCH2/0-12-X	2/0 AWG	1/2	1.75	.85	1.50	.13	4.98	Black	P45	13	45	1 9/16	10
	LCCH3/0-12-X	3/0 AWG	1/2	1.75	.96	1.50	.13	5.03	Orange	P50	14	50	1 9/16	10
◆	**LCCH4/0-12-X**	4/0 AWG	1/2	1.75	1.06	1.56	.14	5.13	Purple	P54	15	54	1 5/8	10
◆	**LCCH250-12-X**	250 kcmil	1/2	1.75	1.17	1.61	.14	5.23	Yellow	P62	16	62	1 1/16	10
◆	**LCCH300-12-X**	300 kcmil	1/2	1.75	1.19	2.24	.16	5.94	White	P66	17	66	2 5/16	10
◆	**LCCH350-12-X**	350 kcmil	1/2	1.75	1.28	2.24	.17	5.99	Red	P71	18	71	2 5/16	10
◆	**LCCH400-12-6**	400 kcmil	1/2	1.75	1.39	2.30	.18	6.10	Blue	P76	19	76	2 3/8	6
◆	**LCCH500-12-6**	500 kcmil	1/2	1.75	1.54	2.50	.22	6.36	Brown	P87	20	87	2 9/16	6
◆	**LCCH600-12-6**	600 kcmil	1/2	1.75	1.70	2.69	.26	6.63	Green	P94	22	94	2 3/4	6
◆	**LCCH750-12-6**	750 kcmil	1/2	1.75	1.89	2.88	.26	7.04	Black	P106	24	106	2 15/16	6
◆	**LCCH1000-12-3**	1000 kcmil	1/2	1.75	2.17	3.00	.32	7.29	White	P125	27	125	3 1/16	3

‡See pages D2.158, D2.159 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Code Conductor, Blank Tongue, Long Barrel Lug

For Use with Stranded Copper Conductors

Type LCC-00

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Recognized and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies

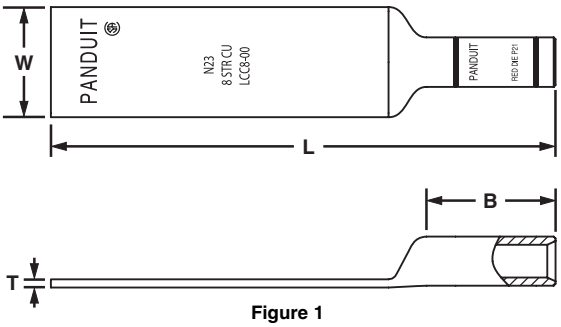


Figure 1

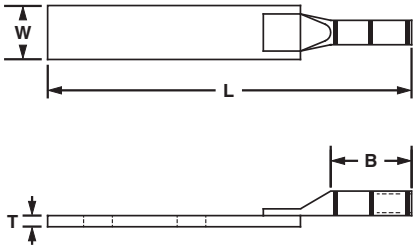


Figure 2: Two Piece Brazed Tongue Construction

Part Number	Figure No.	Copper Conductor Size	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LCC8-00-L	1	#8 AWG	.60	.70	.05	2.75	Red	P21	49	21	3/4	50
LCC6-00-L	2	#6 AWG	.75	1.13	.16	5.00	Blue	P24	7	24	1 1/8	50
LCC4-00-L	2	#4 – #3 AWG STR, #2 AWG SOL	.75	1.13	.16	5.06	Gray	P29	8	29	1 1/8	50
LCC2-00-Q	1	#2 AWG	.75	1.16	.08	4.51	Brown	P33	10	33	1 1/4	25
LCC1-00-E	1	#1 AWG	.75	1.36	.09	4.74	Green	P37	11	37	1 7/16	20
LCC1/0-00-X	1	1/0 AWG	.80	1.44	.12	4.86	Pink	P42	12	42	1 1/2	10
LCC2/0-00-X	1	2/0 AWG	.85	1.50	.13	4.98	Black	P45	13	45	1 9/16	10
LCC3/0-00-X	1	3/0 AWG	.96	1.50	.13	5.03	Orange	P50	14	50	1 9/16	10
LCC4/0-00-X	1	4/0 AWG	1.06	1.56	.14	5.13	Purple	P54	15	54	1 5/8	10
LCC250-00-X	1	250 kcmil	1.17	1.60	.14	5.23	Yellow	P62	16	62	1 11/16	10
LCC300-00-X	1	300 kcmil	1.19	2.23	.16	5.94	White	P66	17	66	2 5/16	10
LCC350-00-X	1	350 kcmil	1.28	2.23	.17	5.99	Red	P71	18	71	2 5/16	10
LCC400-00-6	1	400 kcmil	1.39	2.29	.18	6.10	Blue	P76	19	76	2 3/8	6
LCC500-00-6	1	500 kcmil	1.54	2.49	.22	6.36	Brown	P87	20	87	2 9/16	6
LCC600-00-6	1	600 kcmil	1.70	2.68	.26	6.63	Green	P94	22	94	2 3/4	6
LCC750-00-6	1	750 kcmil	1.89	2.87	.26	7.04	Black	P106	24	106	2 15/16	6
LCC1000-00-3	1	1000 kcmil	2.17	2.99	.32	7.29	White	P125	27	125	3 1/16	3

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

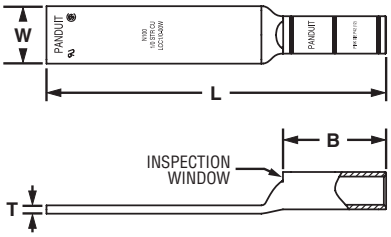
Prime items appear in **BOLD**.

Code Conductor, Blank Tongue, Long Barrel with Window Lug

For Use with Stranded Copper Conductors

Type LCC-00W

- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Inspection window to visually assure full conductor insertion
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Recognized and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Copper Conductor Size	Figure Dimensions (In.) W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCC8-00W-L	#8 AWG	.60	.70	.05	2.70	Red	P21	49	21	3/4	50
LCC6-00W-L	#6 AWG	.62	1.07	.06	3.08	Blue	P24	7	24	1 1/8	50
LCC4-00W-L	#4 AWG	.62	1.05	.08	3.09	Gray	P29	8	29	1 1/8	50
LCC2-00W-Q	#2 AWG	.75	1.16	.08	4.41	Brown	P33	10	33	1 1/4	25
LCC1-00W-E	#1 AWG	.75	1.36	.09	4.63	Green	P37	11	37	1 7/16	20
LCC1/0-00W-X	1/0 AWG	.80	1.44	.12	4.74	Pink	P42	12	42	1 1/2	10
LCC2/0-00W-X	2/0 AWG	.85	1.50	.13	4.83	Black	P45	13	45	1 9/16	10
LCC3/0-00W-X	3/0 AWG	.96	1.50	.13	4.87	Orange	P50	14	50	1 9/16	10
LCC4/0-00W-X	4/0 AWG	1.06	1.56	.14	4.95	Purple	P54	15	54	1 5/8	10
LCC250-00W-X	250 kcmil	1.17	1.61	.14	5.04	Yellow	P62	16	62	1 11/16	10
LCC300-00W-X	300 kcmil	1.19	2.24	.16	5.73	White	P66	17	66	2 5/16	10
LCC350-00W-X	350 kcmil	1.28	2.24	.17	5.77	Red	P71	18	71	2 5/16	10
LCC400-00W-6	400 kcmil	1.28	2.30	.17	5.85	Blue	P76	19	76	2 3/8	6
LCC500-00W-6	500 kcmil	1.54	2.50	.22	6.13	Brown	P87	20	87	2 9/16	6
LCC600-00W-6	600 kcmil	1.70	2.69	.26	6.37	Green	P94	22	94	2 3/4	6

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.

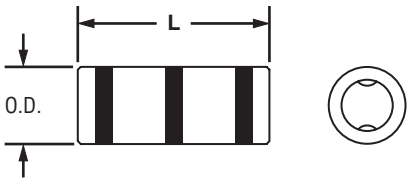
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code Conductor, Short Barrel, Butt Splice

For Use with Stranded Copper Conductors

Type SCSS

- Short barrel for limited space applications
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**



Part Number	Copper Conductor Size	Figure Dimensions (In.)		*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SCSS8-L	#8 AWG	.27	1.00	Red	P21	49	21	7/16	50
SCSS6-L	#6 AWG	.31	1.00	Blue	P24	7	24	7/16	50
SCSS4-L	#4 AWG	.38	1.00	Gray	P29	8	29	7/16	50
SCSS2-Q	#2 AWG	.42	1.25	Brown	P33	10	33	9/16	25
SCSS1-Q	#1 AWG	.46	1.44	Green	P37	11	37	11/16	25
SCSS1/0-X	1/0 AWG	.52	1.44	Pink	P42	12	42	11/16	10
SCSS2/0-X	2/0 AWG	.58	1.56	Black	P45	13	45	3/4	10
SCSS3/0-X	3/0 AWG	.64	1.69	Orange	P50	14	50	3/4	10
SCSS4/0-X	4/0 AWG	.71	1.81	Purple	P54	15	54	13/16	10
SCSS250-X	250 kcmil	.77	2.19	Yellow	P62	16	62	1 1/16	10

‡See pages D2.148, D2.149 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

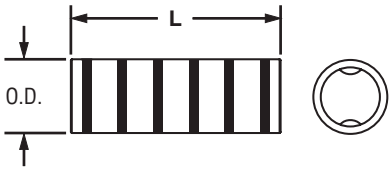
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Code Conductor, Standard Barrel, Butt Splice

For Use with Stranded Copper Conductors

Type SCS

- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved



Part Number	Copper Conductor Size	Figure Dimensions (In.)		*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SCS8-L	#8 AWG	.27	1.50	Red	P21	49	21	11/16	50
SCS6-L	#6 AWG	.31	1.75	Blue	P24	7	24	13/16	50
SCS4-L	#4 – #3 AWG STR, #2 AWG SOL	.38	1.75	Gray	P29	8	29	13/16	50
SCS2-Q	#2 AWG	.42	1.87	Brown	P33	10	33	7/8	25
SCS1-E	#1 AWG	.47	1.87	Green	P37	11	37	7/8	20
SCS1/0-X	1/0 AWG	.52	1.87	Pink	P42	12	42	7/8	10
SCS2/0-X	2/0 AWG	.58	2.00	Black	P45	13	45	15/16	10
SCS3/0-X	3/0 AWG	.64	2.12	Orange	P50	14	50	1	10
SCS4/0-X	4/0 AWG	.71	2.12	Purple	P54	15	54	1	10
SCS250-X	250 kcmil	.77	2.25	Yellow	P62	16	62	1 1/16	10
SCS300-X	300 kcmil	.81	2.25	White	P66	17	66	1 1/16	10
SCS350-X	350 kcmil	.87	2.37	Red	P71	18	71	1 1/8	10
SCS400-6	400 kcmil	.95	2.50	Blue	P76	19	76	1 3/16	6
SCS500-6	500 kcmil	1.05	2.87	Brown	P87	20	87	1 3/8	6
SCS600-6	600 kcmil	1.18	2.87	Green	P94	22	94	1 3/8	6
SCS750-6	750 kcmil	1.29	3.37	Black	P106	24	106	1 5/8	6
SCS1000-3	1000 kcmil	1.50	3.87	White	P125	27	125	1 7/8	3

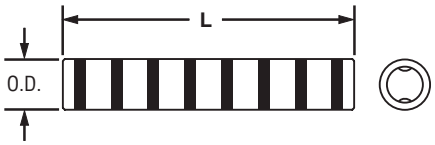
‡See pages D2.150, D2.151, D2.152, D2.153 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code Conductor, Long Barrel, Butt Splice

For Use with Stranded Copper Conductors

Type SCL

- Long barrel maximizes the number of crimps and provides premium wire pull-out strength and electrical performance
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed and CSA Certified for wire range-taking capability when crimped with *PANDUIT*® *Uni-Die*™ Dieless Crimping Tools‡
- **Tested by Telcordia – meets NEBS Level 3**



Part Number	Copper Conductor Size	Figure Dimensions (In.)		*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SCL8-L	#8 AWG	.27	2.25	Red	P21	49	21	1 1/16	50
SCL6-L	#6 AWG	.31	2.38	Blue	P24	7	24	1 1/8	50
SCL4-L	#4 – #3 AWG STR, #2 AWG SOL	.38	2.38	Gray	P29	8	29	1 1/8	50
SCL2-Q	#2 AWG	.42	2.62	Brown	P33	10	33	1 1/4	25
SCL1-E	#1 AWG	.47	2.87	Green	P37	11	37	1 3/8	20
SCL1/0-X	1/0 AWG	.52	2.87	Pink	P42	12	42	1 3/8	10
SCL2/0-X	2/0 AWG	.58	3.13	Black	P45	13	45	1 1/2	10
SCL3/0-X	3/0 AWG	.64	3.12	Orange	P50	14	54	1 1/2	10
SCL4/0-X	4/0 AWG	.71	3.37	Purple	P54	15	54	1 5/8	10
SCL250-X	250 kcmil	.77	3.38	Yellow	P62	16	62	1 5/8	10
SCL300-X	300 kcmil	.81	4.12	White	P66	17	66	2	10
SCL350-X	350 kcmil	.88	4.12	Red	P71	18	71	2	10
SCL400-6	400 kcmil	.95	4.37	Blue	P76	19	76	2 1/8	6
SCL500-6	500 kcmil	1.06	4.62	Brown	P87	20	87	2 1/4	6
SCL600-6	600 kcmil	1.19	5.50	Green	P94	22	94	2 11/16	6
SCL750-6	750 kcmil	1.30	5.87	Black	P106	24	106	2 7/8	6
SCL1000-3	1000 kcmil	1.50	6.12	White	P125	27	125	3	3

‡See pages D2.154, D2.155, D2.156, D2.157 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

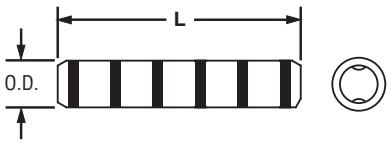
Prime items appear in **BOLD**.

Code Conductor, Long Barrel with Corona Relief Taper Splice

To Facilitate Use with Stranded Copper Conductors in Applications of 5000V or More

Type SCH

- Externally chamfered barrel end inhibits Corona effect when used in high voltage applications
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Copper Conductor Size	Figure Dimensions (In.)		*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SCH6-L	#6 AWG	.31	1.97	Blue	P24	7	24	15/16	50
SCH4-L	#4 AWG	.38	1.97	Gray	P29	8	29	15/16	50
SCH2-Q	#2 AWG	.42	2.13	Brown	P33	10	33	1	25
SCH1-E	#1 AWG	.47	2.13	Green	P37	11	37	1	20
SCH1/0-X	1/0 AWG	.52	2.13	Pink	P42	12	42	1	10
SCH2/0-X	2/0 AWG	.58	2.28	Black	P45	13	45	1 1/16	10
SCH3/0-X	3/0 AWG	.64	2.47	Orange	P50	14	50	1 3/16	10
SCH4/0-X	4/0 AWG	.71	2.54	Purple	P54	15	54	1 3/16	10
SCH250-X	250 kcmil	.77	2.63	Yellow	P62	16	62	1 1/4	10
SCH300-X	300 kcmil	.82	2.69	White	P66	17	66	2	10
SCH350-X	350 kcmil	.88	2.84	Red	P71	18	71	2	10
SCH500-6	500 kcmil	1.06	3.53	Brown	P87	20	87	2 1/4	6
SCH750-6	750 kcmil	1.30	4.28	Black	P106	24	106	2 7/8	6
SCH1000-3	1000 kcmil	1.50	5.06	White	P125	27	125	3	3

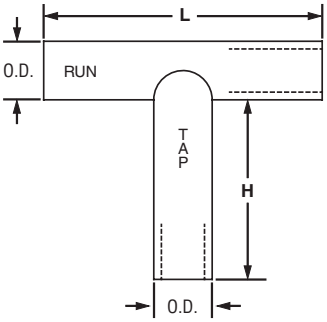
‡See pages D2.158, D2.159 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code Conductor, Long Barrel, T Splice

For Copper-to-Copper Stranded Conductors

Type SCT

- Provides a means of connecting the run conductor and taking off a perpendicular tap
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Run conductor size and tap conductor size marked on each barrel
- 90°C temperature rated and for use up to 600V when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Copper Conductor Size		Run O.D.	Tap O.D.	Figure Dimensions (In.)		*PANDUIT* Color Code & Die Index No.‡		Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)		Std. Pkg. Qty.
	Run	Tap			H	L	Run	Tap			Run	Tap	
SCT2-2	#2 AWG	#2 AWG	.42	.42	1.50	3.88	Brown P33	Brown P33	10	33	2	1 9/16	1
SCT1/0-1/0	1/0 AWG	1/0 AWG	.51	.51	1.50	4.00	Pink P42	Pink P42	12	42	2 1/16	1 9/16	1
SCT2/0-2/0	2/0 AWG	2/0 AWG	.56	.56	1.50	4.00	Black P45	Black P45	13	45	2 1/16	1 9/16	1
SCT4/0-1/0	4/0 AWG	1/0 AWG	.69	.51	1.50	4.00	Orange P50	Pink P42	14, 12	50, 42	2 1/16	1 9/16	1
SCT4/0-4/0	4/0 AWG	4/0 AWG	.69	.69	1.63	4.19	Purple P54	Purple P54	15	54	2 1/8	1 11/16	1
SCT250-250	250 kcmil	250 kcmil	.75	.75	1.63	4.25	Yellow P62	Yellow P62	16	62	2 3/16	1 11/16	1
SCT300-300	300 kcmil	300 kcmil	.81	.81	2.00	5.44	White P66	White P66	17	66	2 13/16	2 1/16	1
SCT350-350	350 kcmil	350 kcmil	.88	.88	2.00	5.50	Red P71	Red P71	18	71	2 13/16	2 1/16	1
SCT500-4/0	500 kcmil	4/0 AWG	1.06	.69	2.25	5.81	Brown P87	Purple P54	20, 15	87, 54	2 15/16	2 5/16	1
SCT500-500	500 kcmil	500 kcmil	1.06	1.06	2.50	6.06	Brown P87	Brown P87	20	87	3 1/8	2 9/16	1

‡See pages D2.160, D2.161 for tool and die information.

Order number of pieces required, in multiples of Standard Package Quantity.

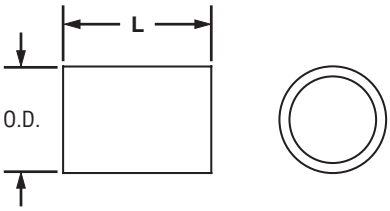
Prime items appear in **BOLD**.

Code Conductor, Parallel Splice

For Use with Stranded Copper Conductors

Type PS

- Designed to splice a range of conductor sizes with a single connector
- Versatile, can also be used for pigtailing
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Tin plated to inhibit corrosion
- 90°C temperature rated and for use up to 600V when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Circular MIL Range		Figure Dimensions (In.)		*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Min.	Max.	Barrel O.D.	L						
PS8-L	19,000	25,000	.31	.40	Red	P21	49	21	7/16	50
PS6-L	25,000	40,000	.38	.44	Blue	P24	7	24	1/2	50
PS4-L	40,000	65,000	.42	.54	Gray	P29	8	29	5/8	50
PS2-Q	65,000	100,000	.52	.64	Brown	P33	10	33	11/16	25
PS1-E	100,000	130,000	.58	.67	Green	P37	11	37	3/4	20
PS1/0-X	130,000	160,000	.64	.73	Pink	P42	12	42	13/16	10
PS2/0-X	160,000	200,000	.71	.72	Black	P45	13	45	13/16	10
PS3/0-X	200,000	240,000	.77	.75	Orange	P50	14	50	13/16	10
PS4/0-X	240,000	280,000	.81	.77	Purple	P54	15	54	13/16	10

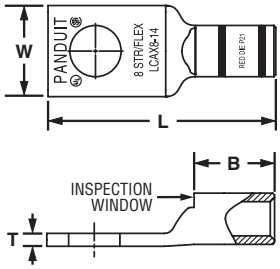
‡See pages D2.162, D2.163 for tool and die information.
For smaller wire sizes, see pages D1.58, D1.59.

Flex Conductor, One-Hole, Standard Barrel with Window Lug

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCAX

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- American Bureau of Shipping Type Approved



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive			W	B	T	L						
LCAX8-10-L	#8 AWG	#8 AWG	#8 AWG	#10	.41	.42	.08	1.11	Red	P21	49	21	1/2	50
LCAX8-14-L				1/4	.48	.42	.07	1.20	Red	P21	49	21	1/2	50
LCAX8-56-L				5/16	.56	.42	.05	1.32	Red	P21	49	21	1/2	50
LCAX8-38-L				3/8	.60	.42	.05	1.42	Red	P21	49	21	1/2	50
LCAX6-10-L	#6 AWG	#6 AWG	#6 AWG	#10	.45	.48	.09	1.19	Blue	P24	7	24	9/16	50
LCAX6-14-L				1/4	.48	.48	.08	1.28	Blue	P24	7	24	9/16	50
LCAX6-56-L				5/16	.56	.48	.07	1.40	Blue	P24	7	24	9/16	50
LCAX6-38-L				3/8	.62	.48	.06	1.50	Blue	P24	7	24	9/16	50
LCAX4-10-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	#10	.55	.53	.09	1.26	Gray	P29	8	29	5/8	50
LCAX4-14-L				1/4	.55	.53	.09	1.35	Gray	P29	8	29	5/8	50
LCAX4-56-L				5/16	.55	.53	.09	1.47	Gray	P29	8	29	5/8	50
LCAX4-38-L				3/8	.62	.53	.07	1.57	Gray	P29	8	29	5/8	50
LCAX2-10-E	#2 AWG^	#2 AWG	#2 AWG	#10	.70	.59	.11	1.40	Brown	P33	10	33	11/16	20
LCAX2-14-E				1/4	.70	.59	.11	1.50	Brown	P33	10	33	11/16	20
LCAX2-56-E				5/16	.70	.59	.11	1.63	Brown	P33	10	33	11/16	20
LCAX2-38-E				3/8	.70	.59	.11	1.70	Brown	P33	10	33	11/16	20
LCAX2-12-E				1/2	.75	.59	.09	1.94	Brown	P33	10	33	11/16	20
LCAX1-10-X	#1 AWG	#1 AWG	#1 AWG	#10	.76	.66	.12	1.50	Green	P37	11	37	3/4	10
LCAX1-14-X				1/4	.76	.66	.12	1.67	Green	P37	11	37	3/4	10
LCAX1-56-X				5/16	.76	.66	.12	1.72	Green	P37	11	37	3/4	10
LCAX1-38-X				3/8	.76	.66	.12	1.80	Green	P37	11	37	3/4	10
LCAX1-12-X				1/2	.80	.66	.12	2.03	Green	P37	11	37	3/4	10
LCAX1/0-14-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.85	.72	.13	1.82	Pink	P42	12	42	3/4	10
LCAX1/0-56-X				5/16	.85	.72	.13	1.82	Pink	P42	12	42	3/4	10
LCAX1/0-38-X				3/8	.85	.72	.13	1.89	Pink	P42	12	42	3/4	10
LCAX1/0-12-X				1/2	.85	.72	.13	2.14	Pink	P42	12	42	3/4	10
LCAX2/0-10-X	2/0 AWG	2/0 AWG	2/0 AWG	#10	.96	.83	.13	1.72	Black	P45	13	45	7/8	10
LCAX2/0-14-X				1/4	.96	.83	.13	1.97	Black	P45	13	45	7/8	10
LCAX2/0-56-X				5/16	.96	.83	.13	1.97	Black	P45	13	45	7/8	10
LCAX2/0-38-X				3/8	.96	.83	.13	2.03	Black	P45	13	45	7/8	10
LCAX2/0-12-X				1/2	.96	.83	.13	2.28	Black	P45	13	45	7/8	10
LCAX2/0-58-X				5/8	.96	.83	.13	2.52	Black	P45	13	45	7/8	10
LCAX2/0-34-X				3/4	.96	.83	.13	2.88	Black	P45	13	45	7/8	10

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Flex Conductor, One-Hole, Standard Barrel with Window Lug (continued)

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive			W	B	T	L						
LCAX3/0-10-X	3/0 AWG	3/0 AWG	3/0 AWG	#10	1.06	.91	.14	1.84	Orange	P50	14	50	1	10
LCAX3/0-14-X				1/4	1.06	.91	.14	2.08	Orange	P50	14	50	1	10
LCAX3/0-56-X				5/16	1.06	.91	.14	2.10	Orange	P50	14	50	1	10
LCAX3/0-38-X				3/8	1.06	.91	.14	2.17	Orange	P50	14	50	1	10
LCAX3/0-12-X				1/2	1.06	.91	.14	2.40	Orange	P50	14	50	1	10
LCAX4/0-14-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	1.19	1.03	.16	2.30	Purple	P54	15	54	1 1/16	10
LCAX4/0-56-X				5/16	1.19	1.03	.16	2.53	Purple	P54	15	54	1 1/16	10
LCAX4/0-38-X				3/8	1.19	1.03	.16	2.53	Purple	P54	15	54	1 1/16	10
LCAX4/0-12-X				1/2	1.19	1.03	.16	2.64	Purple	P54	15	54	1 1/16	10
LCAX4/0-58-X				5/8	1.19	1.03	.16	2.85	Purple	P54	15	54	1 1/16	10
LCAX4/0-34-X				3/4	1.19	1.03	.16	3.04	Purple	P54	15	54	1 1/16	10
LCAX250-14-X	250 kcmil	262.6 kcmil	—	1/4	1.28	1.03	.17	2.34	Yellow	P62	16	62	1 1/16	10
LCAX250-56-X				5/16	1.28	1.03	.17	2.57	Yellow	P62	16	62	1 1/16	10
LCAX250-38-X				3/8	1.28	1.03	.17	2.57	Yellow	P62	16	62	1 1/16	10
LCAX250-12-X				1/2	1.28	1.03	.17	2.68	Yellow	P62	16	62	1 1/16	10
LCAX250-58-X				5/8	1.28	1.03	.17	2.89	Yellow	P62	16	62	1 1/16	10
LCAX250-34-X				3/4	1.28	1.03	.17	3.08	Yellow	P62	16	62	1 1/16	10
LCAX300-38-6	300 kcmil	313.1 kcmil	—	3/8	1.39	1.19	.18	2.91	Red	P71	18	71H	1 1/4	6
LCAX300-12-6				1/2	1.39	1.19	.18	2.91	Red	P71	18	71H	1 1/4	6
LCAX300-58-6				5/8	1.39	1.19	.18	3.12	Red	P71	18	71H	1 1/4	6
LCAX350-56-6	350 kcmil	373.7 kcmil	—	5/16	1.54	1.29	.22	2.93	Blue	P76	19	76H	1 3/8	6
LCAX350-38-6				3/8	1.54	1.29	.22	2.93	Blue	P76	19	76H	1 3/8	6
LCAX350-12-6				1/2	1.54	1.29	.22	3.09	Blue	P76	19	76H	1 3/8	6
LCAX350-58-6				5/8	1.54	1.29	.22	3.30	Blue	P76	19	76H	1 3/8	6
LCAX450-12-6	450 kcmil	444.4 kcmil	—	1/2	1.70	1.40	.26	3.60	Brown	P87	20	87H	1 7/16	6
LCAX450-58-6				5/8	1.70	1.40	.26	3.73	Brown	P87	20	87H	1 7/16	6
LCAX500-56-6	500 kcmil	535.3 kcmil	—	5/16	1.89	1.48	.26	3.27	Pink	P99	L99	99H	1 9/16	6
LCAX500-38-6				3/8	1.89	1.48	.26	3.27	Pink	P99	L99	99H	1 9/16	6
LCAX500-12-6				1/2	1.89	1.48	.26	3.64	Pink	P99	L99	99H	1 9/16	6
LCAX500-58-6				5/8	1.89	1.48	.26	4.20	Pink	P99	L99	99H	1 9/16	6
LCAX650-56-6	—	646.4 kcmil	—	5/16	1.95	1.45	.30	3.27	Black	P106	24	106H	1 1/2	6
LCAX650-38-6				3/8	1.95	1.45	.30	3.27	Black	P106	24	106H	1 1/2	6
LCAX650-12-6				1/2	1.95	1.45	.30	3.64	Black	P106	24	106H	1 1/2	6
LCAX650-58-6				5/8	1.95	1.45	.30	4.20	Black	P106	24	106H	1 1/2	6
LCAX750-12-3	—	777.7 kcmil	—	1/2	2.17	1.66	.32	3.94	Yellow	P115	L115	115H	1 3/4	3
LCAX750-58-3				5/8	2.17	1.66	.32	4.59	Yellow	P115	L115	115H	1 3/4	3

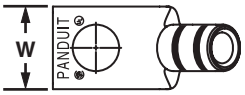
‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.

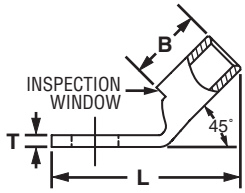
Flex Conductor, One-Hole, Standard Barrel with Window Lug, 45° Angle

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCAX-H

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- American Bureau of Shipping Type Approved





Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive			W	B	T	L						
LCAX8-10H-L	#8 AWG	#8 AWG	#8 AWG	#10	.41	.42	.08	1.00	Red	P21	49	21	1/2	50
LCAX8-14H-L				1/4	.48	.42	.07	1.09	Red	P21	49	21	1/2	50
LCAX8-56H-L				5/16	.56	.42	.05	1.20	Red	P21	49	21	1/2	50
LCAX8-38H-L				3/8	.60	.42	.05	1.30	Red	P21	49	21	1/2	50
LCAX6-10H-L	#6 AWG	#6 AWG	#6 AWG	#10	.45	.48	.09	1.06	Blue	P24	7	24	9/16	50
LCAX6-14H-L				1/4	.48	.48	.08	1.14	Blue	P24	7	24	9/16	50
LCAX6-56H-L				5/16	.56	.48	.07	1.26	Blue	P24	7	24	9/16	50
LCAX6-38H-L				3/8	.62	.48	.06	1.35	Blue	P24	7	24	9/16	50
LCAX4-10H-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	#10	.55	.53	.09	1.12	Gray	P29	8	29	5/8	50
LCAX4-14H-L				1/4	.55	.53	.09	1.21	Gray	P29	8	29	5/8	50
LCAX4-56H-L				5/16	.55	.53	.09	1.33	Gray	P29	8	29	5/8	50
LCAX4-38H-L				3/8	.62	.53	.07	1.42	Gray	P29	8	29	5/8	50
LCAX2-10H-E	#2 AWG^	#2 AWG	#2 AWG	#10	.70	.59	.11	1.22	Brown	P33	10	33	11/16	20
LCAX2-14H-E				1/4	.70	.59	.11	1.29	Brown	P33	10	33	11/16	20
LCAX2-56H-E				5/16	.70	.59	.11	1.42	Brown	P33	10	33	11/16	20
LCAX2-38H-E				3/8	.70	.59	.11	1.49	Brown	P33	10	33	11/16	20
LCAX2-12H-E				1/2	.75	.59	.09	1.73	Brown	P33	10	33	11/16	20
LCAX1-10H-X	#1 AWG	#1 AWG	#1 AWG	#10	.76	.66	.12	1.43	Green	P37	11	37	3/4	10
LCAX1-14H-X				1/4	.76	.66	.12	1.43	Green	P37	11	37	3/4	10
LCAX1-56H-X				5/16	.76	.66	.12	1.49	Green	P37	11	37	3/4	10
LCAX1-38H-X				3/8	.76	.66	.12	1.56	Green	P37	11	37	3/4	10
LCAX1-12H-X				1/2	.80	.66	.12	1.80	Green	P37	11	37	3/4	10
LCAX1/0-14H-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.85	.72	.13	1.58	Pink	P42	12	42	3/4	10
LCAX1/0-56H-X				5/16	.85	.72	.13	1.58	Pink	P42	12	42	3/4	10
LCAX1/0-38H-X				3/8	.85	.72	.13	1.64	Pink	P42	12	42	3/4	10
LCAX1/0-12H-X				1/2	.85	.72	.13	1.89	Pink	P42	12	42	3/4	10

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Flex Conductor, One-Hole, Standard Barrel with Window Lug, 45° Angle (continued)

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				PANDUIT Color Code	PANDUIT Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive			W	B	T	L						
LCAX2/0-10H-X	2/0 AWG	2/0 AWG	2/0 AWG	#10	.96	.83	.13	1.56	Black	P45	13	45	7/8	10
LCAX2/0-14H-X				1/4	.96	.83	.13	1.68	Black	P45	13	45	7/8	10
LCAX2/0-56H-X				5/16	.96	.83	.13	1.68	Black	P45	13	45	7/8	10
LCAX2/0-38H-X				3/8	.96	.83	.13	1.74	Black	P45	13	45	7/8	10
LCAX2/0-12H-X				1/2	.96	.83	.13	1.99	Black	P45	13	45	7/8	10
LCAX2/0-58H-X				5/8	.96	.83	.13	1.99	Black	P45	13	45	7/8	10
LCAX2/0-34H-X				3/4	.96	.83	.13	2.12	Black	P45	13	45	7/8	10
LCAX3/0-10H-X	3/0 AWG	3/0 AWG	3/0 AWG	#10	1.06	.91	.14	1.77	Orange	P50	14	50	1	10
LCAX3/0-14H-X				1/4	1.06	.91	.14	1.77	Orange	P50	14	50	1	10
LCAX3/0-56H-X				5/16	1.06	.91	.14	1.78	Orange	P50	14	50	1	10
LCAX3/0-38H-X				3/8	1.06	.91	.14	1.85	Orange	P50	14	50	1	10
LCAX3/0-12H-X				1/2	1.06	.91	.14	2.08	Orange	P50	14	50	1	10
LCAX4/0-14H-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	1.19	1.03	.16	2.03	Purple	P54	15	54	1 1/16	10
LCAX4/0-56H-X				5/16	1.19	1.03	.16	2.26	Purple	P54	15	54	1 1/16	10
LCAX4/0-38H-X				3/8	1.19	1.03	.16	2.26	Purple	P54	15	54	1 1/16	10
LCAX4/0-12H-X				1/2	1.19	1.03	.16	2.37	Purple	P54	15	54	1 1/16	10
LCAX4/0-58H-X				5/8	1.19	1.03	.16	2.58	Purple	P54	15	54	1 1/16	10
LCAX4/0-34H-X				3/4	1.19	1.03	.16	2.58	Purple	P54	15	54	1 1/16	10
LCAX250-14H-X	250 kcmil	262.6 kcmil	—	1/4	1.28	1.03	.17	2.30	Yellow	P62	16	62	1 1/16	10
LCAX250-56H-X				5/16	1.28	1.03	.17	2.30	Yellow	P62	16	62	1 1/16	10
LCAX250-38H-X				3/8	1.28	1.03	.17	2.30	Yellow	P62	16	62	1 1/16	10
LCAX250-12H-X				1/2	1.28	1.03	.17	2.41	Yellow	P62	16	62	1 1/16	10
LCAX250-58H-X				5/8	1.28	1.03	.17	2.62	Yellow	P62	16	62	1 1/16	10
LCAX250-34H-X				3/4	1.28	1.03	.17	2.62	Yellow	P62	16	62	1 1/16	10
LCAX300-38H-6	300 kcmil	313.1 kcmil	—	3/8	1.39	1.19	.18	2.64	Red	P71	18	71H	1 1/4	6
LCAX300-12H-6				1/2	1.39	1.19	.18	2.64	Red	P71	18	71H	1 1/4	6
LCAX300-58H-6				5/8	1.39	1.19	.18	2.85	Red	P71	18	71H	1 1/4	6
LCAX350-56H-6	350 kcmil	373.7 kcmil	—	5/16	1.54	1.29	.22	2.62	Blue	P76	19	76H	1 3/8	6
LCAX350-38H-6				3/8	1.54	1.29	.22	2.62	Blue	P76	19	76H	1 3/8	6
LCAX350-12H-6				1/2	1.54	1.29	.22	2.78	Blue	P76	19	76H	1 3/8	6
LCAX350-58H-6				5/8	1.54	1.29	.22	2.99	Blue	P76	19	76H	1 3/8	6
LCAX450-12H-6	450 kcmil	444.4 kcmil	—	1/2	1.70	1.40	.26	3.26	Brown	P87	20	87H	1 7/16	6
LCAX450-58H-6				5/8	1.70	1.40	.26	3.39	Brown	P87	20	87H	1 7/16	6
LCAX500-56H-6	500 kcmil	535.3 kcmil	—	5/16	1.89	1.48	.26	2.87	Pink	P99	L99	99H	1 9/16	6
LCAX500-38H-6				3/8	1.89	1.48	.26	2.87	Pink	P99	L99	99H	1 9/16	6
LCAX500-12H-6				1/2	1.89	1.48	.26	3.24	Pink	P99	L99	99H	1 9/16	6
LCAX500-58H-6				5/8	1.89	1.48	.26	3.80	Pink	P99	L99	99H	1 9/16	6
LCAX650-56H-6	—	646.4 kcmil	—	5/16	1.95	1.45	.30	2.89	Black	P106	24	106H	1 1/2	6
LCAX650-38H-6				3/8	1.95	1.45	.30	2.89	Black	P106	24	106H	1 1/2	6
LCAX650-12H-6				1/2	1.95	1.45	.30	3.26	Black	P106	24	106H	1 1/2	6
LCAX650-58H-6				5/8	1.95	1.45	.30	3.82	Black	P106	24	106H	1 1/2	6
LCAX750-12H-3	—	777.7 kcmil	—	1/2	2.17	1.66	.32	3.52	Yellow	P115	L115	115H	1 3/4	3
LCAX750-58H-3				5/8	2.17	1.66	.32	4.18	Yellow	P115	L115	115H	1 3/4	3

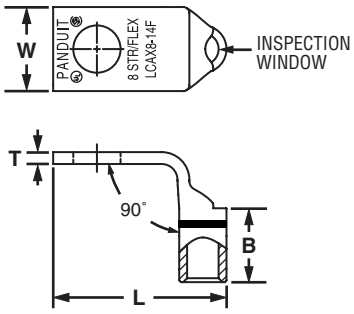
‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.

Flex Conductor, One-Hole, Standard Barrel with Window Lug, 90° Angle

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCAX-F

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- American Bureau of Shipping Type Approved



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive			W	B	T	L						
LCAX8-10F-L	#8 AWG	#8 AWG	#8 AWG	#10	.41	.42	.08	.90	Red	P21	49	21	1/2	50
LCAX8-14F-L				1/4	.48	.42	.07	.99	Red	P21	49	21	1/2	50
LCAX8-56F-L				5/16	.56	.42	.05	1.11	Red	P21	49	21	1/2	50
LCAX8-38F-L				3/8	.60	.42	.05	1.21	Red	P21	49	21	1/2	50
LCAX6-10F-L	#6 AWG	#6 AWG	#6 AWG	#10	.45	.48	.09	.99	Blue	P24	7	24	9/16	50
LCAX6-14F-L				1/4	.48	.48	.08	1.03	Blue	P24	7	24	9/16	50
LCAX6-56F-L				5/16	.56	.48	.07	1.15	Blue	P24	7	24	9/16	50
LCAX6-38F-L				3/8	.62	.48	.06	1.25	Blue	P24	7	24	9/16	50
LCAX4-10F-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	#10	.55	.53	.09	1.03	Gray	P29	8	29	5/8	50
LCAX4-14F-L				1/4	.55	.53	.09	1.12	Gray	P29	8	29	5/8	50
LCAX4-56F-L				5/16	.55	.53	.09	1.24	Gray	P29	8	29	5/8	50
LCAX4-38F-L				3/8	.62	.53	.07	1.34	Gray	P29	8	29	5/8	50
LCAX2-10F-E	#2 AWG^	#2 AWG	#2 AWG	#10	.70	.59	.11	1.21	Brown	P33	10	33	11/16	20
LCAX2-14F-E				1/4	.70	.59	.11	1.31	Brown	P33	10	33	11/16	20
LCAX2-56F-E				5/16	.70	.59	.11	1.44	Brown	P33	10	33	11/16	20
LCAX2-38F-E				3/8	.70	.59	.11	1.51	Brown	P33	10	33	11/16	20
LCAX2-12F-E				1/2	.75	.59	.09	1.75	Brown	P33	10	33	11/16	20
LCAX1-10F-X	#1 AWG	#1 AWG	#1 AWG	#10	.76	.66	.12	1.28	Green	P37	11	37	3/4	10
LCAX1-14F-X				1/4	.76	.66	.12	1.45	Green	P37	11	37	3/4	10
LCAX1-56F-X				5/16	.76	.66	.12	1.51	Green	P37	11	37	3/4	10
LCAX1-38F-X				3/8	.76	.66	.12	1.58	Green	P37	11	37	3/4	10
LCAX1-12F-X				1/2	.80	.66	.12	1.82	Green	P37	11	37	3/4	10
LCAX1/0-14F-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.85	.72	.13	1.59	Pink	P42	12	42	3/4	10
LCAX1/0-56F-X				5/16	.85	.72	.13	1.59	Pink	P42	12	42	3/4	10
LCAX1/0-38F-X				3/8	.85	.72	.13	1.66	Pink	P42	12	42	3/4	10
LCAX1/0-12F-X				1/2	.85	.72	.13	1.91	Pink	P42	12	42	3/4	10
LCAX2/0-10F-X	2/0 AWG	2/0 AWG	2/0 AWG	#10	.96	.83	.13	1.42	Black	P45	13	45	7/8	10
LCAX2/0-14F-X				1/4	.96	.83	.13	1.67	Black	P45	13	45	7/8	10
LCAX2/0-56F-X				5/16	.96	.83	.13	1.67	Black	P45	13	45	7/8	10
LCAX2/0-38F-X				3/8	.96	.83	.13	1.73	Black	P45	13	45	7/8	10
LCAX2/0-12F-X				1/2	.96	.83	.13	1.98	Black	P45	13	45	7/8	10
LCAX2/0-58F-X				5/8	.96	.83	.13	2.22	Black	P45	13	45	7/8	10
LCAX2/0-34F-X				3/4	.96	.83	.13	2.41	Black	P45	13	45	7/8	10

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Flex Conductor, One-Hole, Standard Barrel with Window Lug, 90° Angle (continued)

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				PANDUIT Color Code	PANDUIT Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive			W	B	T	L						
LCAX3/0-10F-X	3/0 AWG	3/0 AWG	3/0 AWG	#10	1.06	.91	.14	1.51	Orange	P50	14	50	1	10
LCAX3/0-14F-X				1/4	1.06	.91	.14	1.75	Orange	P50	14	50	1	10
LCAX3/0-56F-X				5/16	1.06	.91	.14	1.77	Orange	P50	14	50	1	10
LCAX3/0-38F-X				3/8	1.06	.91	.14	1.84	Orange	P50	14	50	1	10
LCAX3/0-12F-X				1/2	1.06	.91	.14	2.07	Orange	P50	14	50	1	10
LCAX4/0-14F-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	1.19	1.03	.16	1.84	Purple	P54	15	54	1 1/16	10
LCAX4/0-56F-X				5/16	1.19	1.03	.16	2.07	Purple	P54	15	54	1 1/16	10
LCAX4/0-38F-X				3/8	1.19	1.03	.16	2.07	Purple	P54	15	54	1 1/16	10
LCAX4/0-12F-X				1/2	1.19	1.03	.16	2.18	Purple	P54	15	54	1 1/16	10
LCAX4/0-58F-X				5/8	1.19	1.03	.16	2.39	Purple	P54	15	54	1 1/16	10
LCAX4/0-34F-X				3/4	1.19	1.03	.16	2.58	Purple	P54	15	54	1 1/16	10
LCAX250-14F-X	250 kcmil	262.6 kcmil	—	1/4	1.28	1.03	.17	1.90	Yellow	P62	16	62	1 1/16	10
LCAX250-56F-X				5/16	1.28	1.03	.17	2.13	Yellow	P62	16	62	1 1/16	10
LCAX250-38F-X				3/8	1.28	1.03	.17	2.13	Yellow	P62	16	62	1 1/16	10
LCAX250-12F-X				1/2	1.28	1.03	.17	2.24	Yellow	P62	16	62	1 1/16	10
LCAX250-58F-X				5/8	1.28	1.03	.17	2.45	Yellow	P62	16	62	1 1/16	10
LCAX250-34F-X				3/4	1.28	1.03	.17	2.64	Yellow	P62	16	62	1 1/16	10
LCAX300-38F-6	300 kcmil	313.1 kcmil	—	3/8	1.39	1.19	.18	2.37	Red	P71	18	71H	1 1/4	6
LCAX300-12F-6				1/2	1.39	1.19	.18	2.37	Red	P71	18	71H	1 1/4	6
LCAX300-58F-6				5/8	1.39	1.19	.18	2.58	Red	P71	18	71H	1 1/4	6
LCAX350-56F-6	350 kcmil	373.7 kcmil	—	5/16	1.54	1.29	.22	2.32	Blue	P76	19	76H	1 3/8	6
LCAX350-38F-6				3/8	1.54	1.29	.22	2.32	Blue	P76	19	76H	1 3/8	6
LCAX350-12F-6				1/2	1.54	1.29	.22	2.48	Blue	P76	19	76H	1 3/8	6
LCAX350-58F-6				5/8	1.54	1.29	.22	2.69	Blue	P76	19	76H	1 3/8	6
LCAX450-12F-6	450 kcmil	444.4 kcmil	—	1/2	1.70	1.40	.26	2.95	Brown	P87	20	87H	1 7/16	6
LCAX450-58F-6				5/8	1.70	1.40	.26	3.08	Brown	P87	20	87H	1 7/16	6
LCAX500-56F-6	500 kcmil	535.3 kcmil	—	5/16	1.89	1.48	.26	2.44	Pink	P99	L99	99H	1 9/16	6
LCAX500-38F-6				3/8	1.89	1.48	.26	2.44	Pink	P99	L99	99H	1 9/16	6
LCAX500-12F-6				1/2	1.89	1.48	.26	2.81	Pink	P99	L99	99H	1 9/16	6
LCAX500-58F-6				5/8	1.89	1.48	.26	3.37	Pink	P99	L99	99H	1 9/16	6
LCAX650-56F-6	—	646.4 kcmil	—	5/16	1.95	1.45	.30	2.50	Black	P106	24	106H	1 1/2	6
LCAX650-38F-6				3/8	1.95	1.45	.30	2.50	Black	P106	24	106H	1 1/2	6
LCAX650-12F-6				1/2	1.95	1.45	.30	2.86	Black	P106	24	106H	1 1/2	6
LCAX650-58F-6				5/8	1.95	1.45	.30	3.42	Black	P106	24	106H	1 1/2	6
LCAX750-12F-3	—	777.7 kcmil	—	1/2	2.17	1.66	.32	2.86	Yellow	P115	L115	115H	1 3/4	3
LCAX750-58F-3				5/8	2.17	1.66	.32	3.67	Yellow	P115	L115	115H	1 3/4	3

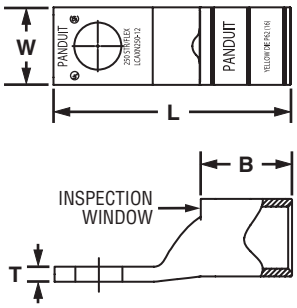
‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.

Flex Conductor, One-Hole, Standard Barrel with Window, Narrow Tongue Lug

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCAXN

- Narrow tongue width for limited space applications
- Can be used with flex conductor class: G, H, I, K, M and Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive		W	B	T	L						
LCAXN250-12-X	250 kcmil	262.6 kcmil	1/2	.88	1.03	.17	2.68	Yellow	P62	16	62	1 1/16	10

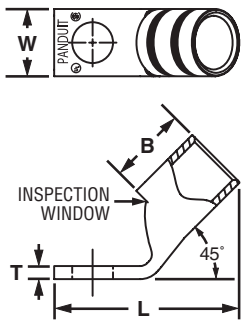
‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Flex, One-Hole, Standard Barrel with Window, Narrow Tongue Lug, 45°

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCAXN-H

- Narrow tongue width for limited space applications
- Can be used with flex conductor class: G, H, I, K, M and Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive		W	B	T	L						
LCAXN250-12H-X	250 kcmil	262.6 kcmil	1/2	.88	1.03	.17	2.41	Yellow	P62	16	62	1 1/16	10

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

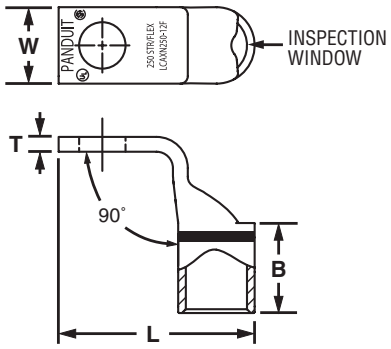
Prime items appear in **BOLD**.

Flex, One-Hole, Standard Barrel with Window, Narrow Tongue Lug, 90°

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCAXN-F

- Narrow tongue width for limited space applications
- Can be used with flex conductor class: G, H, I, K, M and Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive		W	B	T	L						
LCAXN250-12F-X	250 kcmil	262.6 kcmil	1/2	.88	1.03	.17	2.24	Yellow	P62	16	62	1 1/16	10

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.

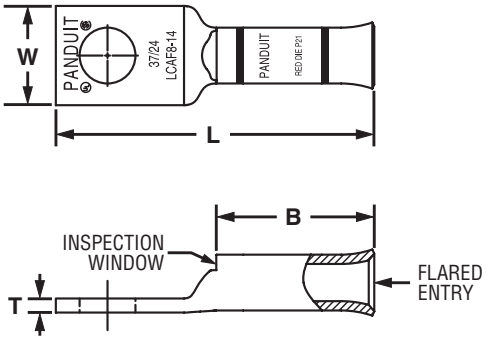
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Flex Conductor, One-Hole, Standard Barrel with Window, Flared Lug

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCAF

- Can be used with flex conductor class: K, M and Locomotive
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color coded barrels marked with *PANDUIT* die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K & M	Locomotive		W	B	T	L				
LCAF8-10-L	—	#8 AWG	#10	.41	.76	.08	1.45	Red	P21	13/16	50
LCAF8-14-L			1/4	.48	.76	.07	1.54	Red	P21	13/16	50
LCAF8-56-L			5/16	.56	.76	.05	1.66	Red	P21	13/16	50
LCAF8-38-L			3/8	.60	.76	.05	1.76	Red	P21	13/16	50
LCAF6-10-L	#6 AWG	#6 AWG	#10	.45	.81	.09	1.52	Blue	P24	7/8	50
LCAF6-14-L			1/4	.48	.81	.08	1.61	Blue	P24	7/8	50
LCAF6-56-L			5/16	.56	.81	.07	1.73	Blue	P24	7/8	50
LCAF6-38-L			3/8	.62	.81	.06	1.83	Blue	P24	7/8	50
LCAF4-10-L	#4 AWG	#4 AWG	#10	.55	.81	.09	1.54	Gray	P29	7/8	50
LCAF4-14-L			1/4	.55	.81	.09	1.63	Gray	P29	7/8	50
LCAF4-56-L			5/16	.55	.81	.09	1.75	Gray	P29	7/8	50
LCAF4-38-L			3/8	.62	.81	.07	1.85	Gray	P29	7/8	50
LCAF2-14-E	#2 AWG	#2 AWG	1/4	.70	.88	.11	1.79	Brown	P33	15/16	20
LCAF2-56-E			5/16	.70	.88	.11	1.92	Brown	P33	15/16	20
LCAF2-38-E			3/8	.70	.88	.11	1.99	Brown	P33	15/16	20
LCAF2-12-E			1/2	.79	.88	.09	2.23	Brown	P33	15/16	20
LCAF1-14-X	#1 AWG	#1 AWG	1/4	.76	.94	.12	1.95	Pink	P42	1	10
LCAF1-56-X			5/16	.76	.94	.12	2.00	Pink	P42	1	10
LCAF1-38-X			3/8	.76	.94	.12	2.08	Pink	P42	1	10
LCAF1-12-X			1/2	.80	.94	.12	2.31	Pink	P42	1	10
LCAF1/0-14-X	1/0 AWG	1/0 AWG	1/4	.85	1.35	.13	2.46	Black	P45	1 7/16	10
LCAF1/0-56-X			5/16	.85	1.35	.13	2.46	Black	P45	1 7/16	10
LCAF1/0-38-X			3/8	.85	1.35	.13	2.52	Black	P45	1 7/16	10
LCAF1/0-12-X			1/2	.85	1.35	.13	2.77	Black	P45	1 7/16	10
LCAF2/0-14-X	2/0 AWG	2/0 AWG	1/4	.96	1.35	.13	2.49	Orange	P50	1 7/16	10
LCAF2/0-56-X			5/16	.96	1.35	.13	2.49	Orange	P50	1 7/16	10
LCAF2/0-38-X			3/8	.96	1.35	.13	2.55	Orange	P50	1 7/16	10
LCAF2/0-12-X			1/2	.96	1.35	.13	2.80	Orange	P50	1 7/16	10
LCAF3/0-14-X	3/0 AWG	3/0 AWG	1/4	1.06	1.35	.14	2.52	Purple	P54	1 7/16	10
LCAF3/0-56-X			5/16	1.06	1.35	.14	2.53	Purple	P54	1 7/16	10
LCAF3/0-38-X			3/8	1.06	1.35	.14	2.60	Purple	P54	1 7/16	10
LCAF3/0-12-X			1/2	1.06	1.35	.14	2.83	Purple	P54	1 7/16	10

‡See pages D2.168, D2.169 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Flex Conductor, One-Hole, Standard Barrel with Window, Flared Lug (continued)

Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K & M	Locomotive		W	B	T	L				
LCAF4/0-14-X	4/0 AWG	4/0 AWG	1/4	1.17	1.35	.14	2.56	Yellow	P62	1 7/16	10
LCAF4/0-56-X			5/16	1.17	1.35	.14	2.58	Yellow	P62	1 7/16	10
LCAF4/0-38-X			3/8	1.17	1.35	.14	2.65	Yellow	P62	1 7/16	10
LCAF4/0-12-X			1/2	1.17	1.35	.14	2.88	Yellow	P62	1 7/16	10
LCAF250-38-X	250 kcmil	262.6 kcmil	3/8	1.28	1.65	.17	3.19	White	P66	1 3/4	10
LCAF250-12-X			1/2	1.28	1.65	.17	3.30	White	P66	1 3/4	10
LCAF250-58-X			5/8	1.28	1.65	.17	3.51	White	P66	1 3/4	10
LCAF250-78-X			7/8	1.28	1.65	.17	3.95	White	P66	1 3/4	10
LCAF300-38-6	300 kcmil	313.1 kcmil	3/8	1.39	1.65	.18	3.37	Red	P71	1 3/4	6
LCAF300-12-6			1/2	1.39	1.65	.18	3.37	Red	P71	1 3/4	6
LCAF300-58-6			5/8	1.39	1.65	.18	3.58	Red	P71	1 3/4	6
LCAF300-78-6			7/8	1.39	1.65	.18	3.97	Red	P71	1 3/4	6
LCAF350-38-6	350 kcmil	373.7 kcmil	3/8	1.54	1.85	.22	3.49	Blue	P76	1 15/16	6
LCAF350-12-6			1/2	1.54	1.85	.22	3.65	Blue	P76	1 15/16	6
LCAF350-58-6			5/8	1.54	1.85	.22	3.86	Blue	P76	1 15/16	6
LCAF350-34-6			3/4	1.54	1.85	.22	4.00	Blue	P76	1 15/16	6
LCAF350-78-6			7/8	1.54	1.85	.22	4.25	Blue	P76	1 15/16	6
LCAF350-1-6			1	1.54	1.85	.22	4.37	Blue	P76	1 15/16	6
LCAF400-12-6	400 kcmil	444.4 kcmil	1/2	1.70	2.20	.26	4.65	Brown	P87	2 1/4	6
LCAF400-58-6			5/8	1.70	2.20	.26	4.65	Brown	P87	2 1/4	6
LCAF400-78-6			7/8	1.70	2.20	.26	4.65	Brown	P87	2 1/4	6
LCAF500-12-6	500 kcmil	535.3 kcmil	1/2	1.89	2.28	.26	4.99	Pink	P99	2 5/16	6
LCAF500-58-6			5/8	1.89	2.28	.26	5.18	Pink	P99	2 5/16	6
LCAF600-12-6	—	646.4 kcmil	1/2	1.95	2.33	.30	5.07	Black	P106	2 3/8	6
LCAF600-58-6			5/8	1.95	2.33	.30	5.26	Black	P106	2 3/8	6
LCAF750-12-3	—	777.7 kcmil	1/2	2.17	2.38	.32	5.21	Orange	P107	2 7/16	3
LCAF750-58-3			5/8	2.17	2.38	.32	5.40	Orange	P107	2 7/16	3

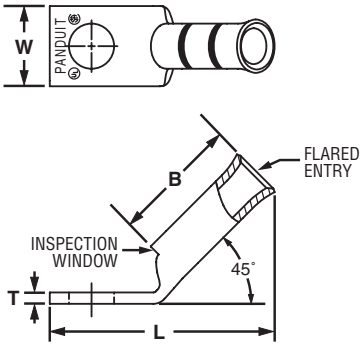
‡See pages D2.168, D2.169 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Flex, One-Hole, Standard Barrel with Window, Flared Lug, 45° Angle

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCAF-H

- Can be used with flex conductor class: K, M and Locomotive
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color coded barrels marked with *PANDUIT* die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K & M	Locomotive		W	B	T	L				
LCAF8-10H-L	—	#8 AWG	#10	.41	.76	.08	1.26	Red	P21	13/16	50
LCAF8-14H-L			1/4	.48	.76	.07	1.35	Red	P21	13/16	50
LCAF8-56H-L			5/16	.56	.76	.05	1.46	Red	P21	13/16	50
LCAF8-38H-L			3/8	.60	.76	.05	1.55	Red	P21	13/16	50
LCAF6-10H-L	#6 AWG	#6 AWG	#10	.45	.81	.09	1.31	Blue	P24	7/8	50
LCAF6-14H-L			1/4	.48	.81	.08	1.40	Blue	P24	7/8	50
LCAF6-56H-L			5/16	.56	.81	.07	1.51	Blue	P24	7/8	50
LCAF6-38H-L			3/8	.62	.81	.06	1.61	Blue	P24	7/8	50
LCAF4-10H-L	#4 AWG	#4 AWG	#10	.55	.81	.09	1.34	Gray	P29	7/8	50
LCAF4-14H-L			1/4	.55	.81	.09	1.43	Gray	P29	7/8	50
LCAF4-56H-L			5/16	.55	.81	.09	1.55	Gray	P29	7/8	50
LCAF4-38H-L			3/8	.62	.81	.07	1.64	Gray	P29	7/8	50
LCAF2-14H-E	#2 AWG	#2 AWG	1/4	.70	.88	.11	1.52	Brown	P33	15/16	20
LCAF2-56H-E			5/16	.70	.88	.11	1.65	Brown	P33	15/16	20
LCAF2-38H-E			3/8	.70	.88	.11	1.72	Brown	P33	15/16	20
LCAF2-12H-E			1/2	.79	.88	.09	1.95	Brown	P33	15/16	20
LCAF1-14H-X	#1 AWG	#1 AWG	1/4	.76	.94	.12	1.65	Pink	P42	1	10
LCAF1-56H-X			5/16	.76	.94	.12	1.71	Pink	P42	1	10
LCAF1-38H-X			3/8	.76	.94	.12	1.78	Pink	P42	1	10
LCAF1-12H-X			1/2	.80	.94	.12	2.01	Pink	P42	1	10
LCAF1/0-14H-X	1/0 AWG	1/0 AWG	1/4	.85	1.35	.13	2.06	Black	P45	1 7/16	10
LCAF1/0-56H-X			5/16	.85	1.35	.13	2.06	Black	P45	1 7/16	10
LCAF1/0-38H-X			3/8	.85	1.35	.13	2.12	Black	P45	1 7/16	10
LCAF1/0-12H-X			1/2	.85	1.35	.13	2.37	Black	P45	1 7/16	10
LCAF2/0-14H-X	2/0 AWG	2/0 AWG	1/4	.96	1.35	.13	2.08	Orange	P50	1 7/16	10
LCAF2/0-56H-X			5/16	.96	1.35	.13	2.08	Orange	P50	1 7/16	10
LCAF2/0-38H-X			3/8	.96	1.35	.13	2.14	Orange	P50	1 7/16	10
LCAF2/0-12H-X			1/2	.96	1.35	.13	2.39	Orange	P50	1 7/16	10

‡See pages D2.168, D2.169 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Flex, One-Hole, Standard Barrel with Window, Flared Lug, 45° Angle (continued)

Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K & M	Locomotive		W	B	T	L				
LCAF3/0-14H-X	3/0 AWG	3/0 AWG	1/4	1.06	1.35	.14	2.11	Purple	P54	1 7/16	10
LCAF3/0-56H-X			5/16	1.06	1.35	.14	2.13	Purple	P54	1 7/16	10
LCAF3/0-38H-X			3/8	1.06	1.35	.14	2.20	Purple	P54	1 7/16	10
LCAF3/0-12H-X			1/2	1.06	1.35	.14	2.43	Purple	P54	1 7/16	10
LCAF4/0-14H-X	4/0 AWG	4/0 AWG	1/4	1.17	1.35	.14	2.16	Yellow	P62	1 7/16	10
LCAF4/0-56H-X			5/16	1.17	1.35	.14	2.17	Yellow	P62	1 7/16	10
LCAF4/0-38H-X			3/8	1.17	1.35	.14	2.24	Yellow	P62	1 7/16	10
LCAF4/0-12H-X			1/2	1.17	1.35	.14	2.47	Yellow	P62	1 7/16	10
LCAF250-38H-X	250 kcmil	262.6 kcmil	3/8	1.28	1.65	.17	3.19	White	P66	1 3/4	10
LCAF250-12H-X			1/2	1.28	1.65	.17	2.89	White	P66	1 3/4	10
LCAF250-58H-X			5/8	1.28	1.65	.17	3.10	White	P66	1 3/4	10
LCAF250-78H-X			7/8	1.28	1.65	.17	3.54	White	P66	1 3/4	10
LCAF300-38H-6	300 kcmil	313.1 kcmil	3/8	1.39	1.64	.18	3.00	Red	P71	1 3/4	6
LCAF300-12H-6			1/2	1.39	1.64	.18	3.00	Red	P71	1 3/4	6
LCAF300-58H-6			5/8	1.39	1.64	.18	3.21	Red	P71	1 3/4	6
LCAF300-78H-6			7/8	1.39	1.64	.18	3.60	Red	P71	1 3/4	6
LCAF350-38H-6	350 kcmil	373.7 kcmil	3/8	1.54	1.84	.22	3.06	Blue	P76	1 15/16	6
LCAF350-12H-6			1/2	1.54	1.84	.22	3.22	Blue	P76	1 15/16	6
LCAF350-58H-6			5/8	1.54	1.84	.22	3.43	Blue	P76	1 15/16	6
LCAF350-34H-6			3/4	1.54	1.84	.22	3.57	Blue	P76	1 15/16	6
LCAF350-78H-6			7/8	1.54	1.84	.22	3.82	Blue	P76	1 15/16	6
LCAF350-1H-6			1	1.54	1.84	.22	3.94	Blue	P76	1 15/16	6
LCAF400-12H-6	400 kcmil	444.4 kcmil	1/2	1.70	2.19	.26	4.12	Brown	P87	2 1/4	6
LCAF400-58H-6			5/8	1.70	2.19	.26	4.12	Brown	P87	2 1/4	6
LCAF400-78H-6			7/8	1.70	2.19	.26	4.12	Brown	P87	2 1/4	6

‡See pages D2.168, D2.169 for tool and die information.

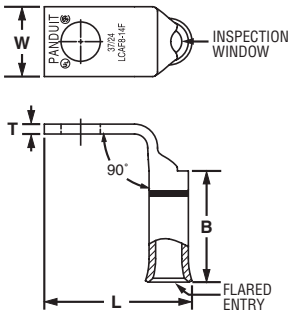
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Flex, One-Hole, Standard Barrel with Window, Flared Lug, 90° Angle

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCAF-F

- Can be used with flex conductor class: K, M and Locomotive
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color coded barrels marked with *PANDUIT* die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K & M	Locomotive		W	B	T	L				
LCAF8-10F-L	—	#8 AWG	#10	.41	.76	.08	.93	Red	P21	13/16	50
LCAF8-14F-L			1/4	.48	.76	.07	1.02	Red	P21	13/16	50
LCAF8-56F-L			5/16	.56	.76	.05	1.14	Red	P21	13/16	50
LCAF8-38F-L			3/8	.60	.76	.05	1.24	Red	P21	13/16	50
LCAF6-10F-L	#6 AWG	#6 AWG	#10	.45	.81	.09	1.52	Blue	P24	7/8	50
LCAF6-14F-L			1/4	.48	.81	.08	1.06	Blue	P24	7/8	50
LCAF6-56F-L			5/16	.56	.81	.07	1.18	Blue	P24	7/8	50
LCAF6-38F-L			3/8	.62	.81	.06	1.28	Blue	P24	7/8	50
LCAF4-10F-L	#4 AWG	#4 AWG	#10	.55	.81	.09	1.07	Gray	P29	7/8	50
LCAF4-14F-L			1/4	.55	.81	.09	1.16	Gray	P29	7/8	50
LCAF4-56F-L			5/16	.55	.81	.09	1.28	Gray	P29	7/8	50
LCAF4-38F-L			3/8	.62	.81	.07	1.38	Gray	P29	7/8	50
LCAF2-14F-E	#2 AWG	#2 AWG	1/4	.70	.88	.11	1.35	Brown	P33	15/16	20
LCAF2-56F-E			5/16	.70	.88	.11	1.48	Brown	P33	15/16	20
LCAF2-38F-E			3/8	.70	.88	.11	1.55	Brown	P33	15/16	20
LCAF2-12F-E			1/2	.79	.88	.09	1.79	Brown	P33	15/16	20
LCAF1-14F-X	#1 AWG	#1 AWG	1/4	.76	.94	.12	1.49	Pink	P42	1	10
LCAF1-56F-X			5/16	.76	.94	.12	1.54	Pink	P42	1	10
LCAF1-38F-X			3/8	.76	.94	.12	1.62	Pink	P42	1	10
LCAF1-12F-X			1/2	.80	.94	.12	1.85	Pink	P42	1	10
LCAF1/0-14F-X	1/0 AWG	1/0 AWG	1/4	.85	1.35	.13	1.64	Black	P45	1 7/16	10
LCAF1/0-56F-X			5/16	.85	1.35	.13	1.70	Black	P45	1 7/16	10
LCAF1/0-38F-X			3/8	.85	1.35	.13	1.70	Black	P45	1 7/16	10
LCAF1/0-12F-X			1/2	.85	1.35	.13	1.95	Black	P45	1 7/16	10
LCAF2/0-14F-X	2/0 AWG	2/0 AWG	1/4	.96	1.35	.13	1.71	Orange	P50	1 7/16	10
LCAF2/0-56F-X			5/16	.96	1.35	.13	1.71	Orange	P50	1 7/16	10
LCAF2/0-38F-X			3/8	.96	1.35	.13	1.77	Orange	P50	1 7/16	10
LCAF2/0-12F-X			1/2	.96	1.35	.13	2.02	Orange	P50	1 7/16	10
LCAF3/0-14F-X	3/0 AWG	3/0 AWG	1/4	1.06	1.35	.14	1.81	Purple	P54	1 7/16	10
LCAF3/0-56F-X			5/16	1.06	1.35	.14	1.82	Purple	P54	1 7/16	10
LCAF3/0-38F-X			3/8	1.06	1.35	.14	1.89	Purple	P54	1 7/16	10
LCAF3/0-12F-X			1/2	1.06	1.35	.14	2.12	Purple	P54	1 7/16	10

‡See pages D2.168, D2.169 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Flex, One-Hole, Standard Barrel with Window, Flared Lug, 90° Angle (continued)

Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K & M	Locomotive		W	B	T	L				
LCAF4/0-14F-X	4/0 AWG	4/0 AWG	1/4	1.17	1.35	.14	1.88	Yellow	P62	1 7/16	10
LCAF4/0-56F-X			5/16	1.17	1.35	.14	1.90	Yellow	P62	1 7/16	10
LCAF4/0-38F-X			3/8	1.17	1.35	.14	1.97	Yellow	P62	1 7/16	10
LCAF4/0-12F-X			1/2	1.17	1.35	.14	2.20	Yellow	P62	1 7/16	10
LCAF250-38F-X	250 kcmil	262.6 kcmil	3/8	1.28	1.65	.17	2.21	White	P66	1 3/4	10
LCAF250-12F-X			1/2	1.28	1.65	.17	2.32	White	P66	1 3/4	10
LCAF250-58F-X			5/8	1.28	1.65	.17	2.53	White	P66	1 3/4	10
LCAF250-78F-X			7/8	1.28	1.65	.17	2.97	White	P66	1 3/4	10
LCAF300-38F-6	300 kcmil	313.1 kcmil	3/8	1.39	1.65	.18	2.44	Red	P71	1 3/4	6
LCAF300-12F-6			1/2	1.39	1.65	.18	2.44	Red	P71	1 3/4	6
LCAF300-58F-6			5/8	1.39	1.65	.18	2.65	Red	P71	1 3/4	6
LCAF300-78F-6			7/8	1.39	1.65	.18	3.04	Red	P71	1 3/4	6
LCAF350-38F-6	350 kcmil	373.7 kcmil	3/8	1.54	1.85	.22	2.40	Blue	P76	1 15/16	6
LCAF350-12F-6			1/2	1.54	1.85	.22	2.40	Blue	P76	1 15/16	6
LCAF350-58F-6			5/8	1.54	1.85	.22	2.77	Blue	P76	1 15/16	6
LCAF350-34F-6			3/4	1.54	1.85	.22	2.91	Blue	P76	1 15/16	6
LCAF350-78F-6			7/8	1.54	1.85	.22	3.16	Blue	P76	1 15/16	6
LCAF350-1F-6			1	1.54	1.85	.22	3.28	Blue	P76	1 15/16	6
LCAF400-12F-6	400 kcmil	444.4 kcmil	1/2	1.70	2.20	.26	3.28	Brown	P87	2 1/4	6
LCAF400-58F-6			5/8	1.70	2.20	.26	3.28	Brown	P87	2 1/4	6
LCAF400-78F-6			7/8	1.70	2.20	.26	3.28	Brown	P87	2 1/4	6

‡See pages D2.168, D2.169 for tool and die information.

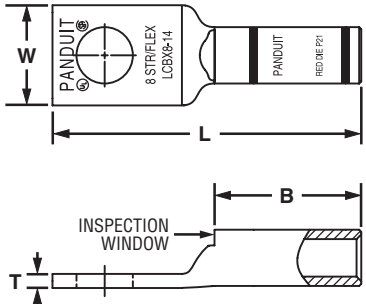
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Flex Conductor, One-Hole, Long Barrel with Window Lug

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCBX

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications



Part Number	Flex Conductor Size: Class G, H, I, K, M	Flex Conductor Size: Locomotive	Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.): W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCBX8-10-L	#8 AWG	#8 AWG	#8 AWG	#10	.41	.70	.08	1.39	Red	P21	49	21	3/4	50
LCBX8-14-L				1/4	.48	.70	.07	1.48	Red	P21	49	21	3/4	50
LCBX8-38-L				3/8	.60	.70	.05	1.70	Red	P21	49	21	3/4	50
LCBX6-14-L	#6 AWG	#6 AWG	#6 AWG	1/4	.48	1.07	.08	1.86	Blue	P24	7	24	1 1/8	50
LCBX6-38-L				3/8	.62	1.07	.06	2.08	Blue	P24	7	24	1 1/8	50
LCBX4-14-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	.55	1.05	.09	1.87	Gray	P29	8	29	1 1/8	50
LCBX4-38-L				3/8	.62	1.05	.07	2.09	Gray	P29	8	29	1 1/8	50
LCBX2-14-E	#2 AWG^	#2 AWG	#2 AWG	1/4	.70	1.36	.11	2.26	Brown	P33	10	33	1 7/16	20
LCBX2-38-E				3/8	.70	1.36	.11	2.46	Brown	P33	10	33	1 7/16	20
LCBX2-12-E				1/2	.75	1.36	.09	2.70	Brown	P33	10	33	1 7/16	20
LCBX1-14-X	#1 AWG	#1 AWG	#1 AWG	1/4	.76	1.44	.12	2.44	Green	P37	11	37	1 1/2	10
LCBX1-56-X				5/16	.76	1.44	.12	2.50	Green	P37	11	37	1 1/2	10
LCBX1-38-X				3/8	.76	1.44	.12	2.57	Green	P37	11	37	1 1/2	10
LCBX1/0-14-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.85	1.50	.13	2.61	Pink	P42	12	42	1 9/16	10
LCBX1/0-38-X				3/8	.85	1.50	.13	2.67	Pink	P42	12	42	1 9/16	10
LCBX1/0-12-X				1/2	.85	1.50	.13	2.92	Pink	P42	12	42	1 9/16	10
LCBX2/0-14-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	.96	1.50	.13	2.64	Black	P45	13	45	1 9/16	10
LCBX2/0-38-X				3/8	.96	1.50	.13	2.70	Black	P45	13	45	1 9/16	10
LCBX2/0-12-X				1/2	.96	1.50	.13	2.96	Black	P45	13	45	1 9/16	10
LCBX3/0-38-X	3/0 AWG	3/0 AWG	3/0 AWG	3/8	1.06	1.56	.14	2.81	Orange	P50	14	50	1 5/8	10
LCBX4/0-38-X	4/0 AWG	4/0 AWG	4/0 AWG	3/8	1.19	2.24	.16	3.74	Purple	P54	15	54	2 5/16	10
LCBX4/0-12-X				1/2	1.19	2.24	.16	3.85	Purple	P54	15	54	2 5/16	10
LCBX250-38-X	250 kcmil	262.6 kcmil	—	3/8	1.28	2.24	.17	3.78	Yellow	P62	16	62	2 5/16	10
LCBX300-38-6	300 kcmil	313.1 kcmil	—	3/8	1.39	2.30	.18	4.02	Red	P71	18	71H	2 3/8	6
LCBX350-38-6	350 kcmil	373.7 kcmil	—	3/8	1.54	2.50	.22	4.14	Blue	P76	19	76H	2 9/16	6
LCBX350-12-6				1/2	1.54	2.50	.22	4.30	Blue	P76	19	76H	2 9/16	6
LCBX450-38-6	450 kcmil	444.4 kcmil	—	3/8	1.70	2.69	.26	5.14	Brown	P87	20	87H	2 3/4	6
LCBX500-38-6	500 kcmil	535.3 kcmil	—	3/8	1.89	2.88	.26	4.84	Pink	P99	L99	99H	2 15/16	6
LCBX500-12-6				1/2	1.89	2.88	.26	5.03	Pink	P99	L99	99H	2 15/16	6

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.

Order number of pieces required, in multiples of Standard Package Quantity.

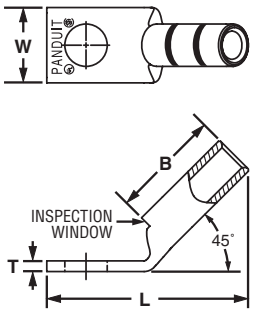
Prime items appear in **BOLD**.

Flex Conductor, One-Hole, Long Barrel with Window Lug, 45° Angle

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCBX-H

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive			W	B	T	L						
LCBX8-10H-L	#8 AWG	#8 AWG	#8 AWG	#10	.41	.70	.08	1.20	Red	P21	49	21	3/4	50
LCBX8-14H-L				1/4	.48	.70	.07	1.28	Red	P21	49	21	3/4	50
LCBX8-38H-L				3/8	.60	.70	.05	1.49	Red	P21	49	21	3/4	50
LCBX6-14H-L	#6 AWG	#6 AWG	#6 AWG	1/4	.48	1.07	.08	1.56	Blue	P24	7	24	1 1/8	50
LCBX6-38H-L				3/8	.62	1.07	.06	1.77	Blue	P24	7	24	1 1/8	50
LCBX4-14H-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	.55	1.05	.09	1.57	Gray	P29	8	29	1 1/8	50
LCBX4-38H-L				3/8	.62	1.05	.07	1.78	Gray	P29	8	29	1 1/8	50
LCBX2-14H-E	#2 AWG^	#2 AWG	#2 AWG	1/4	.70	1.36	.11	1.83	Brown	P33	10	33	1 7/16	20
LCBX2-38H-E				3/8	.70	1.36	.11	2.03	Brown	P33	10	33	1 7/16	20
LCBX2-12H-E				1/2	.75	1.36	.09	2.26	Brown	P33	10	33	1 7/16	20
LCBX1-14H-X	#1 AWG	#1 AWG	#1 AWG	1/4	.76	1.44	.12	1.98	Green	P37	11	37	1 1/2	10
LCBX1-56H-X				5/16	.76	1.44	.12	2.04	Green	P37	11	37	1 1/2	10
LCBX1-38H-X				3/8	.76	1.44	.12	2.11	Green	P37	11	37	1 1/2	10
LCBX1/0-14H-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.85	1.50	.13	2.13	Pink	P42	12	42	1 9/16	10
LCBX1/0-38H-X				3/8	.85	1.50	.13	2.20	Pink	P42	12	42	1 9/16	10
LCBX1/0-12H-X				1/2	.85	1.50	.13	2.45	Pink	P42	12	42	1 9/16	10
LCBX2/0-14H-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	.96	1.50	.13	2.16	Black	P45	13	45	1 9/16	10
LCBX2/0-38H-X				3/8	.96	1.50	.13	2.22	Black	P45	13	45	1 9/16	10
LCBX2/0-12H-X				1/2	.96	1.50	.13	2.47	Black	P45	13	45	1 9/16	10
LCBX3/0-38H-X	3/0 AWG	3/0 AWG	3/0 AWG	3/8	1.06	1.56	.14	2.31	Orange	P50	14	50	1 5/8	10
LCBX4/0-38H-X	4/0 AWG	4/0 AWG	4/0 AWG	3/8	1.19	2.24	.16	3.12	Purple	P54	15	54	2 5/16	10
LCBX4/0-12H-X				1/2	1.19	2.24	.16	3.23	Purple	P54	15	54	2 5/16	10
LCBX250-38H-X	250 kcmil	262.6 kcmil	—	3/8	1.28	2.24	.17	3.15	Yellow	P62	16	62	2 5/16	10
LCBX300-38H-6	300 kcmil	313.1 kcmil	—	3/8	1.39	2.30	.18	3.42	Red	P71	18	71H	2 3/8	6
LCBX300-12H-6				1/2	1.39	2.30	.18	3.69	Red	P71	18	71H	2 3/8	6
LCBX350-38H-6	350 kcmil	373.7 kcmil	—	3/8	1.54	2.50	.22	3.48	Blue	P76	19	76H	2 9/16	6
LCBX350-12H-6				1/2	1.54	2.50	.22	3.64	Blue	P76	19	76H	2 9/16	6
LCBX450-38H-6	450 kcmil	444.4 kcmil	—	3/8	1.70	2.69	.26	4.42	Brown	P87	20	87H	2 3/4	6
LCBX500-38H-6	500 kcmil	535.3 kcmil	—	3/8	1.89	2.88	.26	4.08	Pink	P99	L99	99H	2 15/16	6
LCBX500-12H-6				1/2	1.89	2.88	.26	4.27	Pink	P99	L99	99H	2 15/16	6

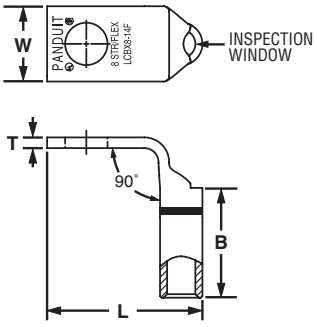
‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.

Flex Conductor, One-Hole, Long Barrel with Window Lug, 90° Angle

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCBX-F

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive			W	B	T	L						
LCBX8-10F-L	#8 AWG	#8 AWG	#8 AWG	#10	.41	.70	.08	.90	Red	P21	49	21	3/4	50
LCBX8-14F-L				1/4	.48	.70	.07	.99	Red	P21	49	21	3/4	50
LCBX8-38F-L				3/8	.60	.70	.05	1.21	Red	P21	49	21	3/4	50
LCBX6-14F-L	#6 AWG	#6 AWG	#6 AWG	1/4	.48	1.07	.08	1.03	Blue	P24	7	24	1 1/8	50
LCBX6-38F-L				3/8	.62	1.07	.06	1.25	Blue	P24	7	24	1 1/8	50
LCBX4-14F-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	.55	1.05	.09	1.12	Gray	P29	8	29	1 1/8	50
LCBX4-38F-L				3/8	.62	1.05	.07	1.34	Gray	P29	8	29	1 1/8	50
LCBX2-14F-E	#2 AWG^	#2 AWG	#2 AWG	1/4	.70	1.36	.11	1.31	Brown	P33	10	33	1 7/16	20
LCBX2-38F-E				3/8	.70	1.36	.11	1.51	Brown	P33	10	33	1 7/16	20
LCBX2-12F-E				1/2	.75	1.36	.09	1.75	Brown	P33	10	33	1 7/16	20
LCBX1-14F-X	#1 AWG	#1 AWG	#1 AWG	1/4	.76	1.44	.12	1.45	Green	P37	11	37	1 1/2	10
LCBX1-56F-X				5/16	.76	1.44	.12	1.51	Green	P37	11	37	1 1/2	10
LCBX1-38F-X				3/8	.76	1.44	.12	1.58	Green	P37	11	37	1 1/2	10
LCBX1/0-14F-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.85	1.50	.13	1.61	Pink	P42	12	42	1 9/16	10
LCBX1/0-38F-X				3/8	.85	1.50	.13	1.66	Pink	P42	12	42	1 9/16	10
LCBX1/0-12F-X				1/2	.85	1.50	.13	1.91	Pink	P42	12	42	1 9/16	10
LCBX2/0-14F-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	.96	1.50	.13	1.67	Black	P45	13	45	1 9/16	10
LCBX2/0-38F-X				3/8	.96	1.50	.13	1.73	Black	P45	13	45	1 9/16	10
LCBX2/0-12F-X				1/2	.96	1.50	.13	1.98	Black	P45	13	45	1 9/16	10
LCBX3/0-38F-X	3/0 AWG	3/0 AWG	3/0 AWG	3/8	1.06	1.56	.14	1.84	Orange	P50	14	50	1 5/8	10
LCBX4/0-38F-X	4/0 AWG	4/0 AWG	4/0 AWG	3/8	1.19	2.24	.16	2.07	Purple	P54	15	54	2 5/16	10
LCBX4/0-12F-X				1/2	1.19	2.24	.16	2.18	Purple	P54	15	54	2 5/16	10
LCBX250-38F-X	250 kcmil	262.6 kcmil	—	3/8	1.28	2.24	.17	2.13	Yellow	P62	16	62	2 5/16	10
LCBX300-38F-6	300 kcmil	313.1 kcmil	—	3/8	1.39	2.30	.18	2.37	Red	P71	18	71H	2 3/8	6
LCBX300-12F-6				1/2	1.39	2.30	.18	2.37	Red	P71	18	71H	2 3/8	6
LCBX350-38F-6	350 kcmil	373.7 kcmil	—	3/8	1.54	2.50	.22	2.32	Blue	P76	19	76H	2 9/16	6
LCBX350-12F-6				1/2	1.54	2.50	.22	2.48	Blue	P76	19	76H	2 9/16	6
LCBX450-38F-6	450 kcmil	444.4 kcmil	—	3/8	1.70	2.69	.26	3.14	Brown	P87	20	87H	2 3/4	6
LCBX500-38F-6	500 kcmil	535.3 kcmil	—	3/8	1.89	2.88	.26	2.62	Pink	P99	L99	99H	2 15/16	6
LCBX500-12F-6				1/2	1.89	2.88	.26	2.81	Pink	P99	L99	99H	2 15/16	6

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.

Order number of pieces required, in multiples of Standard Package Quantity.

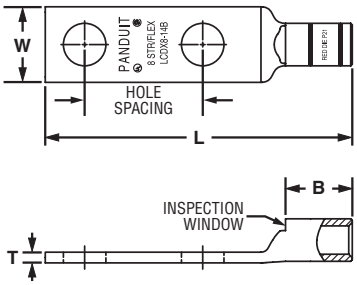
Prime items appear in **BOLD**.

Flex Conductor, Two-Hole, Standard Barrel with Window Lug

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCDX

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- American Bureau of Shipping Type Approved
- Available with NEMA hole sizes and spacing



Part Number	Flex Conductor Size: Class G, H, I, K, M	Flex Conductor Size: Locomotive	Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.): W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
LCDX8-10A-L	#8 AWG	#8 AWG	#8 AWG	#10	.63	.41	.42	.08	1.74	Red	P21	49	21	1/2	50
LCDX8-14A-L				1/4	.63	.48	.42	.07	1.83	Red	P21	49	21	1/2	50
LCDX8-14B-L				1/4	.75	.48	.42	.07	1.95	Red	P21	49	21	1/2	50
LCDX8-14D-L				I/4	1.00	.48	.42	.07	2.20	Red	P21	49	21	1/2	50
LCDX8-38D-L				3/8	1.00	.60	.42	.05	2.42	Red	P21	49	21	1/2	50
LCDX6-10A-L	#6 AWG	#6 AWG	#6 AWG	#10	.63	.46	.48	.08	1.82	Blue	P24	7	24	9/16	50
LCDX6-10B-L				#10	.75	.46	.48	.08	1.94	Blue	P24	7	24	9/16	50
LCDX6-10G-L				#10	1.50	.46	.48	.08	2.69	Blue	P24	7	24	9/16	50
LCDX6-10P-L				#10	.69	.46	.48	.08	1.88	Blue	P24	7	24	9/16	50
LCDX6-14A-L				1/4	.63	.48	.48	.08	1.91	Blue	P24	7	24	9/16	50
LCDX6-14B-L				1/4	.75	.48	.48	.08	2.03	Blue	P24	7	24	9/16	50
LCDX6-14D-L				1/4	1.00	.48	.48	.08	2.28	Blue	P24	7	24	9/16	50
LCDX6-56D-L				5/16	1.00	.56	.48	.07	2.40	Blue	P24	7	24	9/16	50
LCDX6-38D-L				3/8	1.00	.62	.48	.06	2.50	Blue	P24	7	24	9/16	50
LCDX4-14A-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	.63	.55	.53	.09	1.98	Gray	P29	8	29	5/8	50
LCDX4-14B-L				1/4	.75	.55	.53	.09	2.10	Gray	P29	8	29	5/8	50
LCDX4-14D-L				1/4	1.00	.55	.53	.09	2.35	Gray	P29	8	29	5/8	50
LCDX4-56D-L				5/16	1.00	.55	.53	.09	2.47	Gray	P29	8	29	5/8	50
LCDX4-38D-L				3/8	1.00	.62	.53	.08	2.57	Gray	P29	8	29	5/8	50
LCDX2-14A-E	#2 AWG^	#2 AWG	#2 AWG	1/4	.63	.70	.59	.11	2.13	Brown	P33	10	33	11/16	20
LCDX2-14B-E				1/4	.75	.70	.59	.11	2.25	Brown	P33	10	33	11/16	20
LCDX2-14D-E				1/4	1.00	.70	.59	.11	2.50	Brown	P33	10	33	11/16	20
LCDX2-56D-E				5/16	1.00	.70	.59	.11	2.63	Brown	P33	10	33	11/16	20
LCDX2-38D-E				3/8	1.00	.70	.59	.11	2.70	Brown	P33	10	33	11/16	20
LCDX2-12-E				1/2	1.75	.75	.59	.09	3.87	Brown	P33	10	33	11/16	20
LCDX1-14A-X	#1 AWG	#1 AWG	#1 AWG	1/4	.63	.76	.66	.12	2.29	Green	P37	11	37	3/4	10
LCDX1-14B-X				1/4	.75	.76	.66	.12	2.42	Green	P37	11	37	3/4	10
LCDX1-14D-X				1/4	1.00	.76	.66	.12	2.67	Green	P37	11	37	3/4	10
LCDX1-56D-X				5/16	1.00	.76	.66	.12	2.72	Green	P37	11	37	3/4	10
LCDX1-38D-X				3/8	1.00	.76	.66	.12	2.80	Green	P37	11	37	3/4	10
LCDX1-12-X				1/2	1.75	.80	.66	.12	3.97	Green	P37	11	37	3/4	10

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.
◆NEMA hole sizes and spacing.

Chart continues on page D2.82

Flex Conductor, Two-Hole, Standard Barrel with Window Lug (continued)

	Part Number	Flex Conductor Size: Class G, H, I, K, M	Flex Conductor Size: Locomotive	Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.): W	B	T	L	PANDUIT Color Code	PANDUIT Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCDX1/0-14A-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.63	.85	.72	.13	2.45	Pink	P42	12	42	3/4	10
	LCDX1/0-14B-X				1/4	.75	.85	.72	.13	2.57	Pink	P42	12	42	3/4	10
	LCDX1/0-56B-X				5/16	.75	.85	.72	.13	2.57	Pink	P42	12	42	3/4	10
	LCDX1/0-56D-X				5/16	1.00	.85	.72	.13	2.82	Pink	P42	12	42	3/4	10
	LCDX1/0-38D-X				3/8	1.00	.85	.72	.13	2.89	Pink	P42	12	42	3/4	10
	LCDX1/0-12D-X				1/2	1.00	.85	.72	.13	3.14	Pink	P42	12	42	3/4	10
	LCDX1/0-12-X				1/2	1.75	.85	.72	.13	4.05	Pink	P42	12	42	3/4	10
	LCDX2/0-14A-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	.63	.96	.83	.13	2.59	Black	P45	13	45	7/8	10
	LCDX2/0-14B-X				1/4	.75	.96	.83	.13	2.72	Black	P45	13	45	7/8	10
	LCDX2/0-56D-X				5/16	1.00	.96	.83	.13	2.97	Black	P45	13	45	7/8	10
	LCDX2/0-38D-X				3/8	1.00	.96	.83	.13	3.03	Black	P45	13	45	7/8	10
	LCDX2/0-12D-X				1/2	1.00	.96	.83	.13	3.28	Black	P45	13	45	7/8	10
	LCDX2/0-12-X				1/2	1.75	.96	.83	.13	4.19	Black	P45	13	45	7/8	10
	LCDX3/0-14A-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	.63	1.06	.91	.14	2.71	Orange	P50	14	50	1	10
	LCDX3/0-56D-X				5/16	1.00	1.06	.91	.14	3.10	Orange	P50	14	50	1	10
	LCDX3/0-38D-X				3/8	1.00	1.06	.91	.14	3.17	Orange	P50	14	50	1	10
◆	LCDX3/0-12-X				1/2	1.75	1.06	.91	.14	4.31	Orange	P50	14	50	1	10
	LCDX4/0-14A-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	.63	1.19	1.03	.16	2.74	Purple	P54	15	54	1 1/16	10
	LCDX4/0-14B-X				1/4	.75	1.19	1.03	.16	2.86	Purple	P54	15	54	1 1/16	10
	LCDX4/0-56D-X				5/16	1.00	1.19	1.03	.16	3.31	Purple	P54	15	54	1 1/16	10
	LCDX4/0-38D-X				3/8	1.00	1.19	1.03	.16	3.34	Purple	P54	15	54	1 1/16	10
	LCDX4/0-12D-X				1/2	1.00	1.19	1.03	.16	3.61	Purple	P54	15	54	1 1/16	10
	LCDX4/0-12E-X				1/2	1.25	1.19	1.03	.16	3.89	Purple	P54	15	54	1 1/16	10
◆	LCDX4/0-12-X				1/2	1.75	1.19	1.03	.16	4.52	Purple	P54	15	54	1 1/16	10
	LCDX250-38D-X	250 kcmil	262.6 kcmil	—	3/8	1.00	1.28	1.03	.17	3.38	Yellow	P62	16	62	1 1/16	10
	LCDX250-38-X				3/8	1.75	1.28	1.03	.17	4.13	Yellow	P62	16	62	1 1/16	10
	LCDX250-12E-X				1/2	1.25	1.28	1.03	.17	3.93	Yellow	P62	16	62	1 1/16	10
◆	LCDX250-12-X				1/2	1.75	1.28	1.03	.17	4.56	Yellow	P62	16	62	1 1/16	10
	LCDX300-38D-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	1.19	.18	3.56	Red	P71	18	71H	1 1/4	6
◆	LCDX300-12-6				1/2	1.75	1.39	1.19	.18	4.74	Red	P71	18	71H	1 1/4	6
	LCDX350-56D-6	350 kcmil	373.7 kcmil	—	5/16	1.00	1.54	1.29	.22	3.71	Blue	P76	19	76H	1 3/8	6
	LCDX350-38D-6				3/8	1.00	1.54	1.29	.22	3.74	Blue	P76	19	76H	1 3/8	6
	LCDX350-38-6				3/8	1.75	1.54	1.29	.22	4.49	Blue	P76	19	76H	1 3/8	6
	LCDX350-12E-6				1/2	1.25	1.54	1.29	.22	4.29	Blue	P76	19	76H	1 3/8	6
◆	LCDX350-12-6				1/2	1.75	1.54	1.29	.22	4.92	Blue	P76	19	76H	1 3/8	6
	LCDX450-38D-6	450 kcmil	444.4 kcmil	—	3/8	1.00	1.70	1.40	.26	3.90	Brown	P87	20	87H	1 7/16	6
◆	**LCDX450-12-6**				1/2	1.75	1.70	1.40	.26	5.08	Brown	P87	20	87H	1 7/16	6
	LCDX500-56D-6	500 kcmil	535.3 kcmil	—	5/16	1.00	1.89	1.48	.26	4.05	Pink	P99	L99	99H	1 9/16	6
	LCDX500-38D-6				3/8	1.00	1.89	1.48	.26	4.08	Pink	P99	L99	99H	1 9/16	6
	LCDX500-12E-6				1/2	1.25	1.89	1.48	.26	4.76	Pink	P99	L99	99H	1 9/16	6
◆	**LCDX500-12-6**				1/2	1.75	1.89	1.48	.26	5.26	Pink	P99	L99	99H	1 9/16	6
◆	LCDX600-12-6	600 kcmil	—	—	1/2	1.75	1.89	1.48	.26	5.26	Pink	P99	400	99H	1 9/16	6
	LCDX650-38D-6	—	646.4 kcmil	—	3/8	1.00	1.95	1.45	.30	4.08	Black	P106	24	106H	1 1/2	6
◆	**LCDX650-12-6**				1/2	1.75	1.95	1.45	.30	5.26	Black	P106	24	106H	1 1/2	6
	LCDX750-38D-3	—	777.7 kcmil	—	3/8	1.00	2.17	1.66	.32	4.62	Yellow	P115	L115	115H	1 3/4	3
	LCDX750-12E-3				1/2	1.25	2.17	1.66	.32	5.06	Yellow	P115	L115	115H	1 3/4	3
	LCDX750-12G-3				1/2	1.50	2.17	1.66	.32	5.31	Yellow	P115	L115	115H	1 3/4	3
◆	**LCDX750-12-3**				1/2	1.75	2.17	1.66	.32	5.56	Yellow	P115	L115	115H	1 3/4	3
	LCDX750-58G-3				5/8	1.50	2.17	1.66	.32	5.37	Yellow	P115	L115	115H	1 3/4	3

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

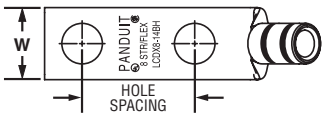
Prime items appear in **BOLD**.

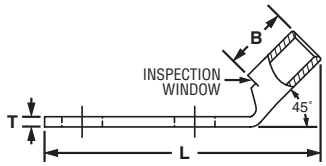
Flex Conductor, Two-Hole, Standard Barrel with Window Lug, 45° Angle

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCDX-H

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- American Bureau of Shipping Type Approved
- Available with NEMA hole sizes and spacing





Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive				W	B	T	L						
LCDX8-10AH-L	#8 AWG	#8 AWG	#8 AWG	#10	.63	.41	.42	.08	1.63	Red	P21	49	21	1/2	50
LCDX8-14AH-L				1/4	.63	.48	.42	.07	1.71	Red	P21	49	21	1/2	50
LCDX8-14BH-L				1/4	.75	.48	.42	.07	1.84	Red	P21	49	21	1/2	50
LCDX8-14DH-L				1/4	1.00	.48	.42	.07	2.09	Red	P21	49	21	1/2	50
LCDX8-38DH-L				3/8	1.00	.60	.42	.05	2.30	Red	P21	49	21	1/2	50
LCDX6-10AH-L	#6 AWG	#6 AWG	#6 AWG	#10	.63	.46	.48	.08	1.68	Blue	P24	7	24	9/16	50
LCDX6-10BH-L				#10	.75	.46	.48	.08	1.81	Blue	P24	7	24	9/16	50
LCDX6-10GH-L				#10	1.50	.46	.48	.08	2.56	Blue	P24	7	24	9/16	50
LCDX6-10PH-L				#10	.69	.46	.48	.08	1.74	Blue	P24	7	24	9/16	50
LCDX6-14AH-L				1/4	.63	.48	.48	.08	1.77	Blue	P24	7	24	9/16	50
LCDX6-14BH-L				1/4	.75	.48	.48	.08	1.89	Blue	P24	7	24	9/16	50
LCDX6-14DH-L				1/4	1.00	.48	.48	.08	2.14	Blue	P24	7	24	9/16	50
LCDX6-56DH-L				5/16	1.00	.56	.48	.07	2.26	Blue	P24	7	24	9/16	50
LCDX6-38DH-L				3/8	1.00	.62	.48	.06	2.35	Blue	P24	7	24	9/16	50
LCDX4-14AH-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	.63	.55	.53	.09	1.83	Gray	P29	8	29	5/8	50
LCDX4-14BH-L				1/4	.75	.55	.53	.09	1.96	Gray	P29	8	29	5/8	50
LCDX4-14DH-L				1/4	1.00	.55	.53	.09	2.21	Gray	P29	8	29	5/8	50
LCDX4-56DH-L				5/16	1.00	.55	.53	.09	2.33	Gray	P29	8	29	5/8	50
LCDX4-38DH-L				3/8	1.00	.62	.53	.08	2.42	Gray	P29	8	29	5/8	50
LCDX2-14AH-E	#2 AWG^	#2 AWG	#2 AWG	1/4	.63	.70	.59	.11	1.92	Brown	P33	10	33	11/16	20
LCDX2-14BH-E				1/4	.75	.70	.59	.11	2.04	Brown	P33	10	33	11/16	20
LCDX2-14DH-E				1/4	1.00	.70	.59	.11	2.29	Brown	P33	10	33	11/16	20
LCDX2-56DH-E				5/16	1.00	.70	.59	.11	2.42	Brown	P33	10	33	11/16	20
LCDX2-38DH-E				3/8	1.00	.70	.59	.11	2.49	Brown	P33	10	33	11/16	20
LCDX2-12H-E				1/2	1.75	.75	.59	.09	3.66	Brown	P33	10	33	11/16	20
LCDX1-14AH-X	#1 AWG	#1 AWG	#1 AWG	1/4	.63	.76	.66	.12	2.06	Green	P37	11	37	3/4	10
LCDX1-14BH-X				1/4	.75	.76	.66	.12	2.18	Green	P37	11	37	3/4	10
LCDX1-14DH-X				1/4	1.00	.76	.66	.12	2.43	Green	P37	11	37	3/4	10
LCDX1-56DH-X				5/16	1.00	.76	.66	.12	2.49	Green	P37	11	37	3/4	10
LCDX1-38DH-X				3/8	1.00	.76	.66	.12	2.56	Green	P37	11	37	3/4	10
LCDX1-12H-X				1/2	1.75	.80	.66	.12	3.73	Green	P37	11	37	3/4	10

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.
◆NEMA hole sizes and spacing.

Chart continues on page D2.84

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Flex Conductor, Two-Hole, Standard Barrel with Window Lug, 45° Angle (continued)

	Part Number	Flex Conductor Size: Class G, H, I, K, M	Flex Conductor Size: Locomotive	Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.): W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCDX1/0-14AH-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.63	.85	.72	.13	2.21	Pink	P42	12	42	3/4	10
	LCDX1/0-14BH-X				1/4	.75	.85	.72	.13	2.33	Pink	P42	12	42	3/4	10
	LCDX1/0-56BH-X				5/16	.75	.85	.72	.13	2.33	Pink	P42	12	42	3/4	10
	LCDX1/0-56DH-X				5/16	1.00	.85	.72	.13	2.58	Pink	P42	12	42	3/4	10
	LCDX1/0-38DH-X				3/8	1.00	.85	.72	.13	2.64	Pink	P42	12	42	3/4	10
	LCDX1/0-12DH-X				1/2	1.00	.85	.72	.13	2.89	Pink	P42	12	42	3/4	10
	LCDX1/0-12H-X				1/2	1.75	.85	.72	.13	3.81	Pink	P42	12	42	3/4	10
	LCDX2/0-14AH-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	.63	.96	.83	.13	2.30	Black	P45	13	45	7/8	10
	LCDX2/0-14BH-X				1/4	.75	.96	.83	.13	2.43	Black	P45	13	45	7/8	10
	LCDX2/0-56DH-X				5/16	1.00	.96	.83	.13	2.68	Black	P45	13	45	7/8	10
	LCDX2/0-38DH-X				3/8	1.00	.96	.83	.13	2.74	Black	P45	13	45	7/8	10
	LCDX2/0-12DH-X				1/2	1.00	.96	.83	.13	3.03	Black	P45	13	45	7/8	10
	LCDX2/0-12H-X				1/2	1.75	.96	.83	.13	3.90	Black	P45	13	45	7/8	10
	LCDX3/0-14AH-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	.63	1.06	.91	.14	2.39	Orange	P50	14	50	1	10
	LCDX3/0-56DH-X				5/16	1.00	1.06	.91	.14	2.78	Orange	P50	14	50	1	10
	LCDX3/0-38DH-X				3/8	1.00	1.06	.91	.14	2.85	Orange	P50	14	50	1	10
◆	**LCDX3/0-12H-X**				1/2	1.75	1.06	.91	.14	3.99	Orange	P50	14	50	1	10
	LCDX4/0-14AH-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	.63	1.19	1.03	.16	2.67	Purple	P54	15	54	1 1/16	10
	LCDX4/0-14BH-X				1/4	.75	1.19	1.03	.16	2.79	Purple	P54	15	54	1 1/16	10
	LCDX4/0-56DH-X				5/16	1.00	1.19	1.03	.16	3.04	Purple	P54	15	54	1 1/16	10
	LCDX4/0-38DH-X				3/8	1.00	1.19	1.03	.16	3.07	Purple	P54	15	54	1 1/16	10
	LCDX4/0-12DH-X				1/2	1.00	1.19	1.03	.16	3.36	Purple	P54	15	54	1 1/16	10
	LCDX4/0-12EH-X				1/2	1.25	1.19	1.03	.16	3.62	Purple	P54	15	54	1 1/16	10
◆	**LCDX4/0-12H-X**				1/2	1.75	1.19	1.03	.16	4.25	Purple	P54	15	54	1 1/16	10
	LCDX250-38DH-X	250 kcmil	262.6 kcmil	—	3/8	1.00	1.28	1.03	.17	3.11	Yellow	P62	16	62	1 1/16	10
	LCDX250-38H-X				3/8	1.75	1.28	1.03	.17	3.86	Yellow	P62	16	62	1 1/16	10
	LCDX250-12EH-X				1/2	1.25	1.28	1.03	.17	3.66	Yellow	P62	16	62	1 1/16	10
◆	**LCDX250-12H-X**				1/2	1.75	1.28	1.03	.17	4.29	Yellow	P62	16	62	1 1/16	10
	LCDX300-38DH-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	1.19	.18	3.29	Red	P71	18	71H	1 1/4	6
	LCDX300-12H-6				1/2	1.75	1.39	1.19	.18	4.47	Red	P71	18	71H	1 1/4	6
	LCDX350-56DH-6	350 kcmil	373.7 kcmil	—	5/16	1.00	1.54	1.29	.22	3.40	Blue	P76	19	76H	1 3/8	6
	LCDX350-38DH-6				3/8	1.00	1.54	1.29	.22	3.43	Blue	P76	19	76H	1 3/8	6
	LCDX350-38H-6				3/8	1.75	1.54	1.29	.22	4.18	Blue	P76	19	76H	1 3/8	6
	LCDX350-12EH-6				1/2	1.25	1.54	1.29	.22	3.98	Blue	P76	19	76H	1 3/8	6
◆	**LCDX350-12H-6**				1/2	1.75	1.54	1.29	.22	4.61	Blue	P76	19	76H	1 3/8	6
	LCDX450-38DH-6	450 kcmil	444.4 kcmil	—	3/8	1.00	1.70	1.40	.26	3.75	Brown	P87	20	87H	1 7/16	6
◆	**LCDX450-12H-6**				1/2	1.75	1.70	1.40	.26	4.74	Brown	P87	20	87H	1 7/16	6
	LCDX500-56DH-6	500 kcmil	535.3 kcmil	—	5/16	1.00	1.89	1.48	.26	3.70	Pink	P99	L99	99H	1 9/16	6
	LCDX500-38DH-6				3/8	1.00	1.89	1.48	.26	3.73	Pink	P99	L99	99H	1 9/16	6
	LCDX500-12EH-6				1/2	1.25	1.89	1.48	.26	4.41	Pink	P99	L99	99H	1 9/16	6
◆	**LCDX500-12H-6**				1/2	1.75	1.89	1.48	.26	4.91	Pink	P99	L99	99H	1 9/16	6
◆	**LCDX600-12H-6**	600 kcmil	—	—	1/2	1.75	1.89	1.48	.26	4.91	Pink	P99	400	99H	1 9/16	6
	LCDX650-38DH-6	—	646.4 kcmil	—	3/8	1.00	1.95	1.45	.30	3.74	Black	P106	24	106H	1 1/2	6
◆	**LCDX650-12H-6**				1/2	1.75	1.95	1.45	.30	4.92	Black	P106	24	106H	1 1/2	6
	LCDX750-38DH-3	—	777.7 kcmil	—	3/8	1.00	2.17	1.66	.32	4.21	Yellow	P115	L115	115H	1 3/4	3
	LCDX750-12EH-3				1/2	1.25	2.17	1.66	.32	4.65	Yellow	P115	L115	115H	1 3/4	3
	LCDX750-12GH-3				1/2	1.50	2.17	1.66	.32	4.90	Yellow	P115	L115	115H	1 3/4	3
◆	**LCDX750-12H-3**				1/2	1.75	2.17	1.66	.32	5.15	Yellow	P115	L115	115H	1 3/4	3
	LCDX750-58GH-3				5/8	1.50	2.17	1.66	.32	4.90	Yellow	P115	L115	115H	1 3/4	3

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

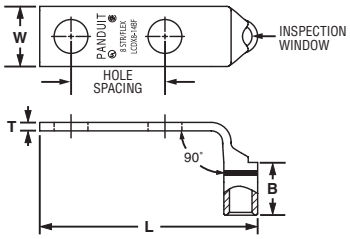
Prime items appear in **BOLD**.

Flex Conductor, Two-Hole, Standard Barrel with Window Lug, 90° Angle

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCDX-F

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- American Bureau of Shipping Type Approved
- Available with NEMA hole sizes and spacing



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive				W	B	T	L						
LCDX8-10AF-L	#8 AWG	#8 AWG	#8 AWG	#10	.63	.41	.42	.08	1.53	Red	P21	49	21	1/2	50
LCDX8-14AF-L				1/4	.63	.48	.42	.07	1.62	Red	P21	49	21	1/2	50
LCDX8-14BF-L				1/4	.75	.48	.42	.07	1.74	Red	P21	49	21	1/2	50
LCDX8-14DF-L				1/4	1.00	.48	.42	.07	1.99	Red	P21	49	21	1/2	50
LCDX8-38DF-L				3/8	1.00	.63	.42	.05	2.21	Red	P21	49	21	1/2	50
LCDX6-10AF-L	#6 AWG	#6 AWG	#6 AWG	#10	.63	.46	.48	.08	1.57	Blue	P24	7	24	9/16	50
LCDX6-10BF-L				#10	.75	.46	.48	.08	1.69	Blue	P24	7	24	9/16	50
LCDX6-10GF-L				#10	1.50	.46	.48	.08	2.44	Blue	P24	7	24	9/16	50
LCDX6-10PF-L				#10	.69	.46	.48	.08	1.63	Blue	P24	7	24	9/16	50
LCDX6-14AF-L				1/4	.63	.48	.48	.08	1.66	Blue	P24	7	24	9/16	50
LCDX6-14BF-L				1/4	.75	.48	.48	.08	1.78	Blue	P24	7	24	9/16	50
LCDX6-14DF-L				1/4	1.00	.48	.48	.08	2.03	Blue	P24	7	24	9/16	50
LCDX6-56DF-L				5/16	1.00	.56	.48	.07	2.15	Blue	P24	7	24	9/16	50
LCDX6-38DF-L				3/8	1.00	.62	.48	.06	2.25	Blue	P24	7	24	9/16	50
LCDX4-14AF-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	.63	.55	.53	.09	1.74	Gray	P29	8	29	5/8	50
LCDX4-14BF-L				1/4	.75	.55	.53	.09	1.87	Gray	P29	8	29	5/8	50
LCDX4-14DF-L				1/4	1.00	.55	.53	.09	2.12	Gray	P29	8	29	5/8	50
LCDX4-56DF-L				5/16	1.00	.55	.53	.09	2.24	Gray	P29	8	29	5/8	50
LCDX4-38DF-L				3/8	1.00	.62	.53	.08	2.34	Gray	P29	8	29	5/8	50
LCDX2-14AF-E	#2 AWG^	#2 AWG	#2 AWG	1/4	.63	.70	.59	.11	1.94	Brown	P33	10	33	11/16	20
LCDX2-14BF-E				1/4	.75	.70	.59	.11	2.06	Brown	P33	10	33	11/16	20
LCDX2-14DF-E				1/4	1.00	.70	.59	.11	2.31	Brown	P33	10	33	11/16	20
LCDX2-56DF-E				5/16	1.00	.70	.59	.11	2.44	Brown	P33	10	33	11/16	20
LCDX2-38DF-E				3/8	1.00	.70	.59	.11	2.51	Brown	P33	10	33	11/16	20
LCDX2-12F-E				1/2	1.75	.75	.59	.09	3.68	Brown	P33	10	33	11/16	20
LCDX1-14AF-X	#1 AWG	#1 AWG	#1 AWG	1/4	.63	.76	.66	.12	2.08	Green	P37	11	37	3/4	10
LCDX1-14BF-X				1/4	.75	.76	.66	.12	2.20	Green	P37	11	37	3/4	10
LCDX1-14DF-X				1/4	1.00	.76	.66	.12	2.45	Green	P37	11	37	3/4	10
LCDX1-56DF-X				5/16	1.00	.76	.66	.12	2.51	Green	P37	11	37	3/4	10
LCDX1-38DF-X				3/8	1.00	.76	.66	.12	2.58	Green	P37	11	37	3/4	10
LCDX1-12F-X				1/2	1.75	.80	.66	.12	3.75	Green	P37	11	37	3/4	10

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.
◆NEMA hole sizes and spacing.

Chart continues on page D2.86

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Flex Conductor, Two-Hole, Standard Barrel with Window Lug, 90° Angle (continued)

	Part Number	Flex Conductor Size: Class G, H, I, K, M	Flex Conductor Size: Locomotive	Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.): W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCDX1/0-14AF-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.63	.85	.72	.13	2.22	Pink	P42	12	42	3/4	10
	LCDX1/0-14BF-X				1/4	.75	.85	.72	.13	2.34	Pink	P42	12	42	3/4	10
	LCDX1/0-56BF-X				5/16	.75	.85	.72	.13	2.34	Pink	P42	12	42	3/4	10
	LCDX1/0-56DF-X				5/16	1.00	.85	.72	.13	2.59	Pink	P42	12	42	3/4	10
	LCDX1/0-38DF-X				3/8	1.00	.85	.72	.13	2.66	Pink	P42	12	42	3/4	10
	LCDX1/0-12DF-X				1/2	1.00	.85	.72	.13	2.91	Pink	P42	12	42	3/4	10
	LCDX1/0-12F-X				1/2	1.75	.85	.72	.13	3.82	Pink	P42	12	42	3/4	10
	LCDX2/0-14AF-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	.63	.96	.83	.13	2.29	Black	P45	13	45	7/8	10
	LCDX2/0-14BF-X				1/4	.75	.96	.83	.13	2.42	Black	P45	13	45	7/8	10
	LCDX2/0-56DF-X				5/16	1.00	.96	.83	.13	2.67	Black	P45	13	45	7/8	10
	LCDX2/0-38DF-X				3/8	1.00	.96	.83	.13	2.73	Black	P45	13	45	7/8	10
	LCDX2/0-12DF-X				1/2	1.00	.96	.83	.13	2.98	Black	P45	13	45	7/8	10
	LCDX2/0-12F-X				1/2	1.75	.96	.83	.13	3.89	Black	P45	13	45	7/8	10
	LCDX3/0-14AF-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	.63	1.06	.91	.14	2.38	Orange	P50	14	50	1	10
	LCDX3/0-56DF-X				5/16	1.00	1.06	.91	.14	2.77	Orange	P50	14	50	1	10
	LCDX3/0-38DF-X				3/8	1.00	1.06	.91	.14	2.84	Orange	P50	14	50	1	10
◆	**LCDX3/0-12F-X**				1/2	1.75	1.06	.91	.14	3.98	Orange	P50	14	50	1	10
	LCDX4/0-14AF-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	.63	1.19	1.03	.16	2.28	Purple	P54	15	54	1 1/16	10
	LCDX4/0-14BF-X				1/4	.75	1.19	1.03	.16	2.40	Purple	P54	15	54	1 1/16	10
	LCDX4/0-56DF-X				5/16	1.00	1.19	1.03	.16	2.85	Purple	P54	15	54	1 1/16	10
	LCDX4/0-38DF-X				3/8	1.00	1.19	1.03	.16	2.88	Purple	P54	15	54	1 1/16	10
◆	**LCDX4/0-12DF-X**				1/2	1.00	1.19	1.03	.16	3.15	Purple	P54	15	54	1 1/16	10
	LCDX4/0-12EF-X				1/2	1.25	1.19	1.03	.16	3.43	Purple	P54	15	54	1 1/16	10
	LCDX4/0-12F-X				1/2	1.75	1.19	1.03	.16	4.06	Purple	P54	15	54	1 1/16	10
	LCDX250-38DF-X	250 kcmil	262.6 kcmil	—	3/8	1.00	1.28	1.03	.17	2.94	Yellow	P62	16	62	1 1/16	10
	LCDX250-38F-X				3/8	1.75	1.28	1.03	.17	3.69	Yellow	P62	16	62	1 1/16	10
	LCDX250-12EF-X				1/2	1.25	1.28	1.03	.17	3.49	Yellow	P62	16	62	1 1/16	10
◆	**LCDX250-12F-X**				1/2	1.75	1.28	1.03	.17	4.12	Yellow	P62	16	62	1 1/16	10
	LCDX300-38DF-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	1.19	.18	3.02	Red	P71	18	71H	1 1/4	6
◆	**LCDX300-12F-6**				1/2	1.75	1.39	1.19	.18	4.20	Red	P71	18	71H	1 1/4	6
	LCDX350-56DF-6	350 kcmil	373.7 kcmil	—	5/16	1.00	1.54	1.29	.22	3.10	Blue	P76	19	76H	1 3/8	6
	LCDX350-38DF-6				3/8	1.00	1.54	1.29	.22	3.13	Blue	P76	19	76H	1 3/8	6
	LCDX350-38F-6				3/8	1.75	1.54	1.29	.22	3.88	Blue	P76	19	76H	1 3/8	6
	LCDX350-12EF-6				1/2	1.25	1.54	1.29	.22	3.68	Blue	P76	19	76H	1 3/8	6
◆	**LCDX350-12F-6**				1/2	1.75	1.54	1.29	.22	4.31	Blue	P76	19	76H	1 3/8	6
	LCDX450-38DF-6	450 kcmil	444.4 kcmil	—	3/8	1.00	1.70	1.40	.26	3.26	Brown	P87	20	87H	1 7/16	6
◆	**LCDX450-12F-6**				1/2	1.75	1.70	1.40	.26	4.44	Brown	P87	20	87H	1 7/16	6
	LCDX500-56DF-6	500 kcmil	535.3 kcmil	—	5/16	1.00	1.89	1.48	.26	3.29	Pink	P99	L99	99H	1 9/16	6
	LCDX500-38DF-6				3/8	1.00	1.89	1.48	.26	3.32	Pink	P99	L99	99H	1 9/16	6
	LCDX500-12EF-6				1/2	1.25	1.89	1.48	.26	4.00	Pink	P99	L99	99H	1 9/16	6
◆	**LCDX500-12F-6**				1/2	1.75	1.89	1.48	.26	4.50	Pink	P99	L99	99H	1 9/16	6
◆	**LCDX600-12F-6**	600 kcmil	—	—	1/2	1.75	1.89	1.48	.26	4.50	Pink	P99	400	99H	1 9/16	6
	LCDX650-38DF-6	—	646.4 kcmil	—	3/8	1.00	1.95	1.45	.30	3.37	Black	P106	24	106H	1 1/2	6
◆	**LCDX650-12F-6**				1/2	1.75	1.95	1.45	.30	4.55	Black	P106	24	106H	1 1/2	6
	LCDX750-38DF-3	—	777.7 kcmil	—	3/8	1.00	2.17	1.66	.32	3.76	Yellow	P115	L115	115H	1 3/4	3
	LCDX750-12EF-3				1/2	1.25	2.17	1.66	.32	4.20	Yellow	P115	L115	115H	1 3/4	3
	LCDX750-12GF-3				1/2	1.50	2.17	1.66	.32	4.45	Yellow	P115	L115	115H	1 3/4	3
◆	**LCDX750-12F-3**				1/2	1.75	2.17	1.66	.32	4.70	Yellow	P115	L115	115H	1 3/4	3
	LCDX750-58GF-3				5/8	1.50	2.17	1.66	.32	4.45	Yellow	P115	L115	115H	1 3/4	3

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

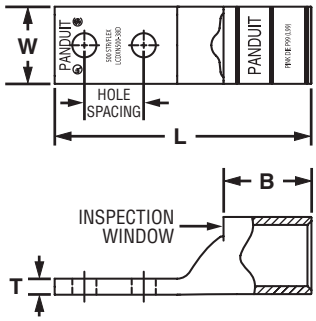
Prime items appear in **BOLD**.

Flex Conductor, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCDXN

- Narrow tongue width for limited space applications
- Can be used with code conductor and flex conductor class: G, H, I, K, M and Locomotive
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- Available with NEMA hole sizes and spacing



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No. ‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive				W	B	T	L						
LCDXN2-14A-E	#2 AWG^	#2 AWG	#2 AWG	1/4	.63	.47	.59	.11	2.13	Brown	P33	10	33	11/16	20
LCDXN4/0-38D-X	4/0 AWG	4/0 AWG	4/0 AWG	3/8	1.00	.81	1.03	.16	3.34	Purple	P54	15	54	1 1/16	10
LCDXN350-38D-6	350 kcmil	373.7 kcmil	—	3/8	1.00	1.06	1.29	.22	3.74	Blue	P76	19	76H	1 3/8	6
LCDXN500-38D-6	500 kcmil	535.3 kcmil	—	3/8	1.00	1.30	1.48	.27	4.32	Pink	P99	L99	99H	1 9/16	6
LCDXN750-38D-3	—	777.7 kcmil	—	3/8	1.00	1.50	1.66	.32	4.62	Yellow	P115	L115	115H	1 3/4	3
◆ **LCDXN750-12-3**	—	777.7 kcmil	—	1/2	1.75	1.50	1.66	.32	5.55	Yellow	P115	L115	115H	1 3/4	3

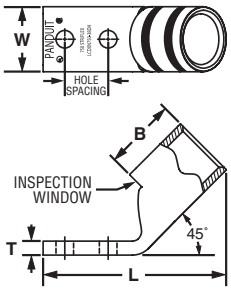
‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.
◆NEMA hole sizes and spacing.

Flex, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug, 45°

For Use with Flexible Copper Conductors

Type LCDXN-H

- Narrow tongue width for limited space applications
- Can be used with Locomotive flex conductor
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive			W	B	T	L						
LCDXN750-38DH-3	—	777.7 kcmil	3/8	1.00	1.50	1.66	.32	4.22	Yellow	P115	L115	115H	1 3/4	3

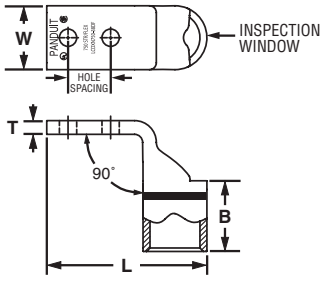
‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Flex, Two-Hole, Standard Barrel with Window, Narrow Tongue Lug, 90°

For Use with Flexible Copper Conductors

Type LCDXN-F

- Narrow tongue width for limited space applications
- Can be used with Locomotive flex conductor
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive			W	B	T	L						
LCDXN750-38DF-3	—	777.7 kcmil	3/8	1.00	1.50	1.66	.32	3.76	Yellow	P115	L115	115H	1 3/4	3

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Flex Conductor, Two-Hole, Long Barrel with Window Lug

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCCX

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing

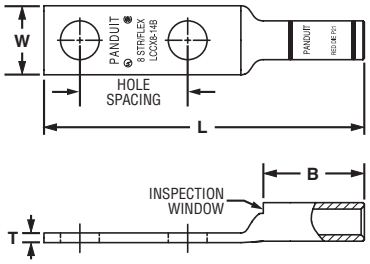


Figure 1

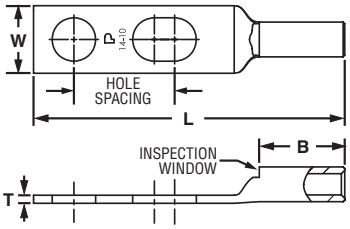


Figure 2: Slotted

Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive				W	B	T	L						
LCCX8-10A-L	#8 AWG	#8 AWG	#8 AWG	#10	.63	.41	.70	.08	2.01	Red	P21	49	21	3/4	50
LCCX8-10B-L				#10	.75	.41	.70	.08	2.14	Red	P21	49	21	3/4	50
LCCX8-10AB-L*				#10	.63 – .75	.41	.70	.08	2.14	Red	P21	49	21	3/4	50
LCCX8-14A-L				1/4	.63	.48	.70	.07	2.10	Red	P21	49	21	3/4	50
LCCX8-14B-L				1/4	.75	.48	.70	.07	2.23	Red	P21	49	21	3/4	50
LCCX8-14AB-L*				1/4	.63 – .75	.48	.70	.07	2.23	Red	P21	49	21	3/4	50
LCCX8-14D-L				1/4	1.00	.48	.70	.07	2.48	Red	P21	49	21	3/4	50
LCCX8-38D-L				3/8	1.00	.60	.70	.05	2.70	Red	P21	49	21	3/4	50
LCCX6-10B-L	#6 AWG	#6 AWG	#6 AWG	#10	.75	.46	1.07	.08	2.52	Blue	P24	7	24	1 1/8	50
LCCX6-14A-L				1/4	.63	.48	1.07	.08	2.49	Blue	P24	7	24	1 1/8	50
LCCX6-14B-L				1/4	.75	.48	1.07	.08	2.61	Blue	P24	7	24	1 1/8	50
LCCX6-14AB-L*				1/4	.63 – .75	.48	1.07	.08	2.61	Blue	P24	7	24	1 1/8	50
LCCX6-14D-L				1/4	1.00	.48	1.07	.08	2.86	Blue	P24	7	24	1 1/8	50
LCCX6-38A-L				3/8	.63	.62	1.07	.06	2.71	Blue	P24	7	24	1 1/8	50
LCCX6-38C-L				3/8	.88	.62	1.07	.06	2.96	Blue	P24	7	24	1 1/8	50
LCCX6-38AC-L*				3/8	.63 – .88	.62	1.07	.06	2.96	Blue	P24	7	24	1 1/8	50
LCCX6-38D-L				3/8	1.00	.62	1.07	.06	3.08	Blue	P24	7	24	1 1/8	50
LCCX4-14A-L	#4 AWG	#5, #4, #3 AWG	#4 – #3 AWG STR, #2 AWG SOL	1/4	.63	.55	1.05	.09	2.49	Gray	P29	8	29	1 1/8	50
LCCX4-14B-L				1/4	.75	.55	1.05	.09	2.63	Gray	P29	8	29	1 1/8	50
LCCX4-14AB-L*				1/4	.63 – .75	.55	1.05	.09	2.63	Gray	P29	8	29	1 1/8	50
LCCX4-38B-L				3/8	.75	.62	1.05	.08	2.84	Gray	P29	8	29	1 1/8	50
LCCX4-38D-L				3/8	1.00	.62	1.05	.08	3.09	Gray	P29	8	29	1 1/8	50
LCCX4-38BD-L*				3/8	.75 – 1.00	.62	1.05	.08	3.09	Gray	P29	8	29	1 1/8	50
LCCX2-14A-E	#2 AWG^	#2 AWG	#2 AWG	1/4	.63	.70	1.36	.11	2.89	Brown	P33	10	33	1 7/16	20
LCCX2-14B-E				1/4	.75	.70	1.36	.11	3.01	Brown	P33	10	33	1 7/16	20
LCCX2-38D-E				3/8	1.00	.70	1.36	.11	3.46	Brown	P33	10	33	1 7/16	20
LCCX2-12-E				1/2	1.75	.75	1.36	.09	4.63	Brown	P33	10	33	1 7/16	20

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
*Slotted lug, refer to Figure 2.
^Does not include class K flex conductor.
◆NEMA hole sizes and spacing.

Chart continues on page D2.90

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Flex Conductor, Two-Hole, Long Barrel with Window Lug (continued)

	Part Number	Flex Conductor Size: Class G, H, I, K, M	Flex Conductor Size: Locomotive	Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.): W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCCX1-14A-X	#1 AWG	#1 AWG	#1 AWG	1/4	.63	.76	1.44	.12	3.07	Green	P37	11	37	1 1/2	10
	LCCX1-14B-X				1/4	.75	.76	1.44	.12	3.19	Green	P37	11	37	1 1/2	10
	LCCX1-14D-X				1/4	1.00	.76	1.44	.12	3.44	Green	P37	11	37	1 1/2	10
	LCCX1-56C-X				5/16	.88	.76	1.44	.12	3.37	Green	P37	11	37	1 1/2	10
	LCCX1-56D-X				5/16	1.00	.76	1.44	.12	3.50	Green	P37	11	37	1 1/2	10
	LCCX1-38D-X				3/8	1.00	.76	1.44	.12	3.57	Green	P37	11	37	1 1/2	10
	LCCX1/0-14A-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.63	.85	1.50	.13	3.23	Pink	P42	12	42	1 9/16	10
	LCCX1/0-14B-X				1/4	.75	.85	1.50	.13	3.36	Pink	P42	12	42	1 9/16	10
	LCCX1/0-38D-X				3/8	1.00	.85	1.50	.13	3.67	Pink	P42	12	42	1 9/16	10
	LCCX1/0-12-X				1/2	1.75	.85	1.50	.13	4.83	Pink	P42	12	42	1 9/16	10
	LCCX2/0-14A-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	.63	.96	1.50	.13	3.27	Black	P45	13	45	1 9/16	10
	LCCX2/0-14B-X				1/4	.75	.96	1.50	.13	3.39	Black	P45	13	45	1 9/16	10
	LCCX2/0-38D-X				3/8	1.00	.96	1.50	.13	3.70	Black	P45	13	45	1 9/16	10
	LCCX2/0-12-X				1/2	1.75	.96	1.50	.13	4.87	Black	P45	13	45	1 9/16	10
	LCCX3/0-14B-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	.75	1.06	1.56	.14	3.48	Orange	P50	14	50	1 5/8	10
	LCCX3/0-38D-X				3/8	1.00	1.06	1.56	.14	3.81	Orange	P50	14	50	1 5/8	10
	LCCX4/0-14B-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	.75	1.19	2.24	.16	4.07	Purple	P54	15	54	2 5/16	10
	LCCX4/0-38D-X				3/8	1.00	1.19	2.24	.16	4.55	Purple	P54	15	54	2 5/16	10
◆	**LCCX4/0-12-X**				1/2	1.75	1.19	2.24	.16	5.73	Purple	P54	15	54	2 5/16	10
	LCCX250-14B-X	250 kcmil	262.6 kcmil	—	1/4	.75	1.28	2.24	.17	4.11	Yellow	P62	16	62	2 5/16	10
	LCCX250-38D-X				3/8	1.00	1.28	2.24	.17	4.59	Yellow	P62	16	62	2 5/16	10
	LCCX300-38D-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	2.30	.18	4.67	Red	P71	18	71H	2 3/8	6
	LCCX350-14B-6	350 kcmil	373.7 kcmil	—	1/4	.75	1.54	2.50	.22	4.47	Blue	P76	19	76H	2 9/16	6
	LCCX350-38D-6				3/8	1.00	1.54	2.50	.22	4.95	Blue	P76	19	76H	2 9/16	6
◆	**LCCX350-12-6**				1/2	1.75	1.54	2.50	.22	6.13	Blue	P76	19	76H	2 9/16	6
◆	**LCCX500-12-6**	500 kcmil	535.3 kcmil	—	1/2	1.75	1.89	2.88	.26	6.66	Pink	P99	L99	99H	2 15/16	6

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
*Slotted lug, refer to Figure 2.
^Does not include class K flex conductor.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

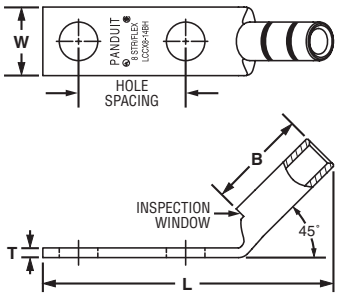
Prime items appear in **BOLD**.

Flex Conductor, Two-Hole, Long Barrel with Window Lug, 45° Angle

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCCX-H

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive				W	B	T	L						
LCCX8-10AH-L	#8 AWG	#8 AWG	#8 AWG	#10	.63	.41	.70	.08	1.82	Red	P21	49	21	3/4	50
LCCX8-10BH-L				#10	.75	.41	.70	.08	1.95	Red	P21	49	21	3/4	50
LCCX8-14AH-L				1/4	.63	.48	.70	.07	1.91	Red	P21	49	21	3/4	50
LCCX8-14BH-L				1/4	.75	.48	.70	.07	2.03	Red	P21	49	21	3/4	50
LCCX8-14DH-L				1/4	1.00	.48	.70	.07	2.28	Red	P21	49	21	3/4	50
LCCX8-38DH-L				3/8	1.00	.60	.70	.05	2.49	Red	P21	49	21	3/4	50
LCCX6-10BH-L	#6 AWG	#6 AWG	#6 AWG	#10	.75	.46	1.07	.08	2.22	Blue	P24	7	24	1 1/8	50
LCCX6-14AH-L				1/4	.63	.48	1.07	.08	2.18	Blue	P24	7	24	1 1/8	50
LCCX6-14BH-L				1/4	.75	.48	1.07	.08	2.31	Blue	P24	7	24	1 1/8	50
LCCX6-14DH-L				1/4	1.00	.48	1.07	.08	2.56	Blue	P24	7	24	1 1/8	50
LCCX6-38AH-L				3/8	.63	.62	1.07	.06	2.39	Blue	P24	7	24	1 1/8	50
LCCX6-38CH-L				3/8	.88	.62	1.07	.06	2.64	Blue	P24	7	24	1 1/8	50
LCCX6-38DH-L				3/8	1.00	.62	1.07	.06	2.77	Blue	P24	7	24	1 1/8	50
LCCX4-14AH-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	.63	.55	1.05	.09	2.20	Gray	P29	8	29	1 1/8	50
LCCX4-14BH-L				1/4	.75	.55	1.05	.09	2.32	Gray	P29	8	29	1 1/8	50
LCCX4-38BH-L				3/8	.75	.62	1.05	.08	2.54	Gray	P29	8	29	1 1/8	50
LCCX4-38DH-L				3/8	1.00	.62	1.05	.08	2.79	Gray	P29	8	29	1 1/8	20
LCCX2-14AH-E	#2 AWG^	#2 AWG	#2 AWG	1/4	.63	.70	1.36	.11	2.46	Brown	P33	10	33	1 7/16	20
LCCX2-14BH-E				1/4	.75	.70	1.36	.11	2.58	Brown	P33	10	33	1 7/16	20
LCCX2-38DH-E				3/8	1.00	.70	1.36	.11	3.04	Brown	P33	10	33	1 7/16	20
LCCX2-12H-E				1/2	1.75	.75	1.36	.09	4.20	Brown	P33	10	33	1 7/16	10
LCCX1-14AH-X	#1 AWG	#1 AWG	#1 AWG	1/4	.63	.76	1.44	.12	2.61	Green	P37	11	37	1 1/2	10
LCCX1-14BH-X				1/4	.75	.76	1.44	.12	2.73	Green	P37	11	37	1 1/2	10
LCCX1-14DH-X				1/4	1.00	.76	1.44	.12	2.98	Green	P37	11	37	1 1/2	10
LCCX1-56CH-X				5/16	.88	.76	1.44	.12	2.91	Green	P37	11	37	1 1/2	10
LCCX1-56DH-X				5/16	1.00	.76	1.44	.12	3.04	Green	P37	11	37	1 1/2	10
LCCX1-38DH-X				3/8	1.00	.76	1.44	.12	3.11	Green	P37	11	37	1 1/2	10

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.
◆NEMA hole sizes and spacing.

Chart continues on page D2.92

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Flex Conductor, Two-Hole, Long Barrel with Window Lug, 45° Angle (continued)

	Part Number	Flex Conductor Size: Class G, H, I, K, M	Flex Conductor Size: Locomotive	Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.): W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCCX1/0-14AH-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.63	.85	1.50	.13	2.76	Pink	P42	12	42	1 9/16	10
	LCCX1/0-14BH-X				1/4	.75	.85	1.50	.13	2.88	Pink	P42	12	42	1 9/16	10
	LCCX1/0-38DH-X				3/8	1.00	.85	1.50	.13	3.20	Pink	P42	12	42	1 9/16	10
	LCCX1/0-12H-X				1/2	1.75	.85	1.50	.13	4.36	Pink	P42	12	42	1 9/16	10
	LCCX2/0-14AH-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	.63	.96	1.50	.13	2.78	Black	P45	13	45	1 9/16	10
	LCCX2/0-14BH-X				1/4	.75	.96	1.50	.13	2.91	Black	P45	13	45	1 9/16	10
	LCCX2/0-38DH-X				3/8	1.00	.96	1.50	.13	3.22	Black	P45	13	45	1 9/16	10
	LCCX2/0-12H-X				1/2	1.75	.96	1.50	.13	4.38	Black	P45	13	45	1 9/16	10
	LCCX3/0-14BH-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	.75	1.06	1.56	.14	2.98	Orange	P50	14	50	1 5/8	10
	LCCX3/0-38DH-X				3/8	1.00	1.06	1.56	.14	3.31	Orange	P50	14	50	1 5/8	10
	LCCX4/0-14BH-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	.75	1.19	2.24	.16	3.45	Purple	P54	15	54	2 5/16	10
	LCCX4/0-38DH-X				3/8	1.00	1.19	2.24	.16	3.93	Purple	P54	15	54	2 5/16	10
◆	**LCCX4/0-12H-X**				1/2	1.75	1.19	2.24	.16	5.11	Purple	P54	15	54	2 5/16	10
	LCCX250-14BH-X	250 kcmil	262.6 kcmil	—	1/4	.75	1.28	2.24	.17	3.48	Yellow	P62	16	62	2 5/16	10
	LCCX250-38DH-X				3/8	1.00	1.28	2.24	.17	3.96	Yellow	P62	16	62	2 5/16	6
	LCCX300-38DH-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	2.30	.18	4.07	Red	P71	18	71H	2 3/8	6
	LCCX350-14BH-6	350 kcmil	373.7 kcmil	—	1/4	.75	1.54	2.50	.22	3.81	Blue	P76	19	76H	2 9/16	6
	LCCX350-38DH-6				3/8	1.00	1.54	2.50	.22	4.29	Blue	P76	19	76H	2 9/16	6
◆	**LCCX350-12H-6**				1/2	1.75	1.54	2.50	.22	5.47	Blue	P76	19	76H	2 9/16	6

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

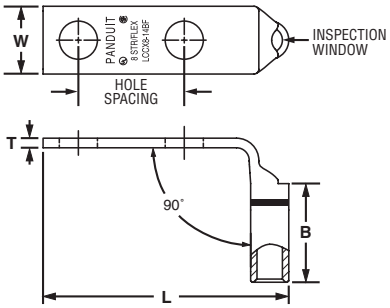
Prime items appear in **BOLD**.

Flex Conductor, Two-Hole, Long Barrel with Window Lug, 90° Angle

For Use with Flexible, Extra-Flexible and Code Stranded Copper Conductors

Type LCCX-F

- Can be used with code conductor and flex conductor class: G, H, I, K, M and Locomotive
- Long barrel maximizes number of crimps and provides premium wire pull-out strength and electrical performance
- Generously beveled wire entry prevents bent back strands when inserting conductor into barrel
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- Meets J-STD-607-A and TIA-942 requirements for network systems grounding applications
- Available with NEMA hole sizes and spacing



Part Number	Flex Conductor Size		Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class G, H, I, K, M	Locomotive				W	B	T	L						
LCCX8-10AF-L	#8 AWG	#8 AWG	#8 AWG	#10	.63	.41	.70	.08	1.53	Red	P21	49	21	3/4	50
LCCX8-10BF-L				#10	.75	.41	.70	.08	1.65	Red	P21	49	21	3/4	50
LCCX8-14AF-L				1/4	.63	.48	.70	.07	1.62	Red	P21	49	21	3/4	50
LCCX8-14BF-L				1/4	.75	.48	.70	.07	1.74	Red	P21	49	21	3/4	50
LCCX8-14DF-L				1/4	1.00	.48	.70	.07	1.99	Red	P21	49	21	3/4	50
LCCX8-38DF-L				3/8	1.00	.60	.70	.05	2.21	Red	P21	49	21	3/4	50
LCCX6-10BF-L	#6 AWG	#6 AWG	#6 AWG	#10	.75	.46	1.07	.08	1.69	Blue	P24	7	24	1 1/8	50
LCCX6-14AF-L				1/4	.63	.48	1.07	.08	1.66	Blue	P24	7	24	1 1/8	50
LCCX6-14BF-L				1/4	.75	.48	1.07	.08	1.78	Blue	P24	7	24	1 1/8	50
LCCX6-14DF-L				1/4	1.00	.48	1.07	.08	2.03	Blue	P24	7	24	1 1/8	50
LCCX6-38AF-L				3/8	.63	.62	1.07	.06	1.88	Blue	P24	7	24	1 1/8	50
LCCX6-38CF-L				3/8	.88	.62	1.07	.06	2.13	Blue	P24	7	24	1 1/8	50
LCCX6-38DF-L				3/8	1.00	.62	1.07	.06	2.25	Blue	P24	7	24	1 1/8	50
LCCX4-14AF-L	#4 AWG	#5, #4, #3 AWG	#4 AWG	1/4	.63	.55	1.05	.09	1.74	Gray	P29	8	29	1 1/8	50
LCCX4-14BF-L				1/4	.75	.55	1.05	.09	1.87	Gray	P29	8	29	1 1/8	50
LCCX4-38BF-L				3/8	.75	.62	1.05	.08	2.09	Gray	P29	8	29	1 1/8	50
LCCX4-38DF-L				3/8	1.00	.62	1.05	.08	2.34	Gray	P29	8	29	1 1/8	50
LCCX2-14AF-E	#2 AWG^	#2 AWG	#2 AWG	1/4	.63	.70	1.36	.11	1.94	Brown	P33	10	33	1 7/16	20
LCCX2-14BF-E				1/4	.75	.70	1.36	.11	2.06	Brown	P33	10	33	1 7/16	20
LCCX2-38DF-E				3/8	1.00	.70	1.36	.11	2.51	Brown	P33	10	33	1 7/16	20
LCCX2-12F-E				1/2	1.75	.75	1.36	.09	3.68	Brown	P33	10	33	1 7/16	20

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.
◆NEMA hole sizes and spacing.

Chart continues on page D2.94

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Flex Conductor, Two-Hole, Long Barrel with Window Lug, 90° Angle (continued)

	Part Number	Flex Conductor Size: Class G, H, I, K, M	Flex Conductor Size: Locomotive	Code Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.): W	B	T	L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	LCCX1-14AF-X	#1 AWG	#1 AWG	#1 AWG	1/4	.63	.76	1.44	.12	2.08	Green	P37	11	37	1 1/2	10
	LCCX1-14BF-X				1/4	.75	.76	1.44	.12	2.20	Green	P37	11	37	1 1/2	10
	LCCX1-14DF-X				1/4	1.00	.76	1.44	.12	2.45	Green	P37	11	37	1 1/2	10
	LCCX1-56CF-X				5/16	.88	.76	1.44	.12	2.38	Green	P37	11	37	1 1/2	10
	LCCX1-56DF-X				5/16	1.00	.76	1.44	.12	2.51	Green	P37	11	37	1 1/2	10
	LCCX1-38DF-X				3/8	1.00	.76	1.44	.12	2.58	Green	P37	11	37	1 1/2	10
	LCCX1/0-14AF-X	1/0 AWG	1/0 AWG	1/0 AWG	1/4	.63	.85	1.50	.13	2.22	Pink	P42	12	42	1 9/16	10
	LCCX1/0-14BF-X				1/4	.75	.85	1.50	.13	2.34	Pink	P42	12	42	1 9/16	10
	LCCX1/0-38DF-X				3/8	1.00	.85	1.50	.13	2.66	Pink	P42	12	42	1 9/16	10
	LCCX1/0-12F-X				1/2	1.75	.85	1.50	.13	3.82	Pink	P42	12	42	1 9/16	10
	LCCX2/0-14AF-X	2/0 AWG	2/0 AWG	2/0 AWG	1/4	.63	.96	1.50	.13	2.29	Black	P45	13	45	1 9/16	10
	LCCX2/0-14BF-X				1/4	.75	.96	1.50	.13	2.42	Black	P45	13	45	1 9/16	10
	LCCX2/0-38DF-X				3/8	1.00	.96	1.50	.13	2.73	Black	P45	13	45	1 9/16	10
	LCCX2/0-12F-X				1/2	1.75	.96	1.50	.13	3.89	Black	P45	13	45	1 9/16	10
	LCCX3/0-14BF-X	3/0 AWG	3/0 AWG	3/0 AWG	1/4	.75	1.06	1.56	.14	2.50	Orange	P50	14	50	1 5/8	10
	LCCX3/0-38DF-X				3/8	1.00	1.06	1.56	.14	2.84	Orange	P50	14	50	1 5/8	10
	LCCX4/0-14BF-X	4/0 AWG	4/0 AWG	4/0 AWG	1/4	.75	1.19	2.24	.16	2.69	Purple	P54	15	54	2 5/16	10
	LCCX4/0-38DF-X				3/8	1.00	1.19	2.24	.16	2.88	Purple	P54	15	54	2 5/16	10
◆	**LCCX4/0-12F-X**				1/2	1.75	1.19	2.24	.16	4.06	Purple	P54	15	54	2 5/16	10
	LCCX250-14BF-X	250 kcmil	262.6 kcmil	—	1/4	.75	1.28	2.24	.17	2.46	Yellow	P62	16	62	2 5/16	10
	LCCX250-38DF-X				3/8	1.00	1.28	2.24	.17	2.94	Yellow	P62	16	62	2 5/16	10
	LCCX300-38DF-6	300 kcmil	313.1 kcmil	—	3/8	1.00	1.39	2.30	.18	3.02	Red	P71	18	71H	2 3/8	6
	LCCX350-14BF-6	350 kcmil	373.7 kcmil	—	1/4	.75	1.54	2.50	.22	2.65	Blue	P76	19	76H	2 9/16	6
	LCCX350-38DF-6				3/8	1.00	1.54	2.50	.22	3.13	Blue	P76	19	76H	2 9/16	6
◆	**LCCX350-12F-6**				1/2	1.75	1.54	2.50	.22	4.31	Blue	P76	19	76H	2 9/16	6

‡See pages D2.164, D2.165, D2.166, D2.167 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
^Does not include class K flex conductor.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

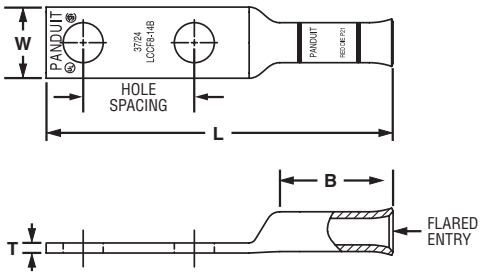
Prime items appear in **BOLD**.

Flex Conductor, Two-Hole, Long Barrel, Flared Lug

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCCF

- Can be used with flex conductor class: K, M and Locomotive
- Long barrel maximizes the number of crimps and provides premium wire pull-out strength and electrical performance
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color coded barrels marked with *PANDUIT* die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- Available with NEMA hole sizes and spacing



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K & M	Locomotive			W	B	T	L				
LCCF8-14A-L	—	#8 AWG	1/4	.63	.48	.76	.07	2.22	Red	P21	13/16	50
LCCF8-14B-L			1/4	.75	.48	.76	.07	2.34	Red	P21	13/16	50
LCCF8-38D-L			3/8	1.00	.60	.76	.05	2.81	Red	P21	13/16	50
LCCF6-14A-L	#6 AWG	#6 AWG	1/4	.63	.48	1.22	.08	2.71	Blue	P24	1 5/16	50
LCCF6-14B-L			1/4	.75	.48	1.22	.08	2.83	Blue	P24	1 5/16	50
LCCF6-38D-L			3/8	1.00	.62	1.22	.06	3.30	Blue	P24	1 5/16	50
LCCF4-14A-L	#4 AWG	#4 AWG	1/4	.63	.55	1.23	.09	2.75	Gray	P29	1 5/16	50
LCCF4-14B-L			1/4	.75	.55	1.23	.09	2.88	Gray	P29	1 5/16	50
LCCF4-38D-L			3/8	1.00	.62	1.23	.08	3.35	Gray	P29	1 5/16	50
LCCF2-14A-E	#2 AWG	#2 AWG	1/4	.63	.70	1.36	.11	3.00	Brown	P33	1 7/16	20
LCCF2-14B-E			1/4	.75	.70	1.36	.11	3.12	Brown	P33	1 7/16	20
LCCF2-56B-E			5/16	.75	.70	1.36	.11	3.25	Brown	P33	1 7/16	20
LCCF2-38D-E			3/8	1.00	.70	1.36	.11	3.57	Brown	P33	1 7/16	20
LCCF2-12-E			1/2	1.75	.75	1.36	.09	4.74	Brown	P33	1 7/16	20
LCCF1-14A-X	#1 AWG	#1 AWG	1/4	.63	.76	1.44	.12	3.18	Pink	P42	1 1/2	10
LCCF1-14B-X			1/4	.75	.76	1.44	.12	3.31	Pink	P42	1 1/2	10
LCCF1-56C-X			5/16	.88	.76	1.44	.12	3.49	Pink	P42	1 1/2	10
LCCF1-38D-X			3/8	1.00	.76	1.44	.12	3.69	Pink	P42	1 1/2	10
LCCF1-12-X			1/2	1.75	.80	1.44	.12	4.86	Pink	P42	1 1/2	10

‡See pages D2.168, D2.169 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Chart continues on page D2.96

Flex Conductor, Two-Hole, Long Barrel, Flared Lug (continued)

	Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Class K & M	Locomotive			W	B	T	L				
	LCCF1/0-14A-X	1/0 AWG	1/0 AWG	1/4	.63	.85	1.50	.13	3.38	Black	P45	1 9/16	10
	LCCF1/0-14B-X			1/4	.75	.85	1.50	.13	3.51	Black	P45	1 9/16	10
	LCCF1/0-56C-X			5/16	.88	.85	1.50	.13	3.63	Black	P45	1 9/16	10
	LCCF1/0-38D-X			3/8	1.00	.85	1.50	.13	3.82	Black	P45	1 9/16	10
	LCCF1/0-12-X			1/2	1.75	.85	1.50	.13	4.98	Black	P45	1 9/16	10
	LCCF2/0-14A-X	2/0 AWG	2/0 AWG	1/4	.63	.96	1.50	.13	3.43	Orange	P50	1 9/16	10
	LCCF2/0-14B-X			1/4	.75	.96	1.50	.13	3.56	Orange	P50	1 9/16	10
	LCCF2/0-38D-X			3/8	1.00	.96	1.50	.13	3.87	Orange	P50	1 9/16	10
	LCCF2/0-12-X			1/2	1.75	.96	1.50	.13	5.03	Orange	P50	1 9/16	10
	LCCF3/0-14B-X	3/0 AWG	3/0 AWG	1/4	.75	1.06	1.56	.14	3.66	Purple	P54	1 5/8	10
	LCCF3/0-38D-X			3/8	1.00	1.06	1.56	.14	3.99	Purple	P54	1 5/8	10
◆	**LCCF3/0-12-X**			1/2	1.75	1.06	1.56	.14	5.13	Purple	P54	1 5/8	10
	LCCF4/0-14B-X	4/0 AWG	4/0 AWG	1/4	.75	1.17	1.61	.14	3.60	Yellow	P62	1 11/16	10
	LCCF4/0-38D-X			3/8	1.00	1.17	1.61	.14	4.09	Yellow	P62	1 11/16	10
	LCCF4/0-38-X			3/8	1.75	1.17	1.61	.14	4.84	Yellow	P62	1 11/16	10
◆	**LCCF4/0-12-X**			1/2	1.75	1.17	1.61	.14	5.23	Yellow	P62	1 11/16	10
	LCCF250-14B-X	250 kcmil	262.6 kcmil	1/4	.75	1.28	2.24	.17	4.33	White	P66	2 5/16	10
	LCCF250-38D-X			3/8	1.00	1.28	2.24	.17	4.81	White	P66	2 5/16	10
	LCCF250-12E-X			1/2	1.25	1.28	2.24	.17	5.49	White	P66	2 5/16	10
◆	**LCCF250-12-X**			1/2	1.75	1.28	2.24	.17	5.99	White	P66	2 5/16	10
	LCCF300-14B-6	300 kcmil	313.1 kcmil	1/4	.75	1.38	2.30	.18	4.44	Red	P71	2 3/8	6
	LCCF300-38D-6			3/8	1.00	1.38	2.30	.18	4.92	Red	P71	2 3/8	6
◆	**LCCF300-12-6**			1/2	1.75	1.38	2.30	.18	6.10	Red	P71	2 3/8	6
	LCCF350-14B-6	350 kcmil	373.7 kcmil	1/4	.75	1.53	2.50	.22	4.70	Blue	P76	2 9/16	6
	LCCF350-38D-6			3/8	1.00	1.53	2.50	.22	5.18	Blue	P76	2 9/16	6
	LCCF350-12E-6			1/2	1.25	1.53	2.50	.22	5.86	Blue	P76	2 9/16	6
◆	**LCCF350-12-6**			1/2	1.75	1.53	2.50	.22	6.36	Blue	P76	2 9/16	6
	LCCF400-38D-6	400 kcmil	444.4 kcmil	3/8	1.00	1.70	2.69	.26	5.45	Brown	P87	2 3/4	6
◆	**LCCF400-12-6**			1/2	1.75	1.70	2.69	.26	6.63	Brown	P87	2 3/4	6
◆	**LCCF500-12-6**	500 kcmil	535.3 kcmil	1/2	1.75	1.89	2.88	.26	7.04	Pink	P99	2 15/16	6
◆	**LCCF600-12-6**	—	646.4 kcmil	1/2	1.75	1.95	2.94	.29	7.13	Black	P106	3	6
	LCCF750-38D-3	—	777.7 kcmil	3/8	1.00	2.17	3.00	.32	6.35	Orange	P107	3 1/16	3
◆	**LCCF750-12-3**			1/2	1.75	2.17	3.00	.32	7.29	Orange	P107	3 1/16	3

‡See pages D2.168, D2.169 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

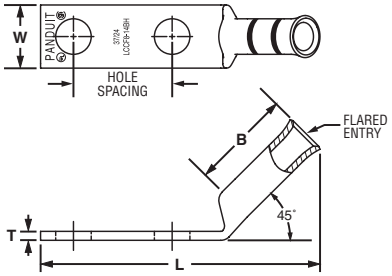
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Flex Conductor, Two-Hole, Long Barrel, Flared Lug, 45° Angle

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCCF-H

- Can be used with flex conductor class: K, M and Locomotive
- Long barrel maximizes the number of crimps and provides premium wire pull-out strength and electrical performance
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color coded barrels marked with *PANDUIT* die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- Available with NEMA hole sizes and spacing



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K & M	Locomotive			W	B	T	L				
LCCF8-14AH-L	—	#8 AWG	1/4	.63	.48	.76	.07	2.00	Red	P21	13/16	50
LCCF8-14BH-L			1/4	.75	.48	.76	.07	2.12	Red	P21	13/16	50
LCCF8-38DH-L			3/8	1.00	.60	.76	.05	2.58	Red	P21	13/16	50
LCCF6-14AH-L	#6 AWG	#6 AWG	1/4	.63	.48	1.22	.08	2.36	Blue	P24	1 5/16	50
LCCF6-14BH-L			1/4	.75	.48	1.22	.08	2.48	Blue	P24	1 5/16	50
LCCF6-38DH-L			3/8	1.00	.62	1.22	.06	2.94	Blue	P24	1 5/16	50
LCCF4-14AH-L	#4 AWG	#4 AWG	1/4	.63	.55	1.23	.09	2.41	Gray	P29	1 5/16	50
LCCF4-14BH-L			1/4	.75	.55	1.23	.09	2.54	Gray	P29	1 5/16	50
LCCF4-38DH-L			3/8	1.00	.62	1.23	.08	3.00	Gray	P29	1 5/16	50
LCCF2-14AH-E	#2 AWG	#2 AWG	1/4	.63	.70	1.36	.11	2.56	Brown	P33	1 7/16	20
LCCF2-14BH-E			1/4	.75	.70	1.36	.11	2.68	Brown	P33	1 7/16	20
LCCF2-56BH-E			5/16	.75	.70	1.36	.11	2.81	Brown	P33	1 7/16	20
LCCF2-38DH-E			3/8	1.00	.70	1.36	.11	3.13	Brown	P33	1 7/16	20
LCCF2-12H-E			1/2	1.75	.75	1.36	.09	4.30	Brown	P33	1 7/16	20
LCCF1-14AH-X	#1 AWG	#1 AWG	1/4	.63	.76	1.44	.12	2.71	Pink	P42	1 1/2	10
LCCF1-14BH-X			1/4	.75	.76	1.44	.12	2.84	Pink	P42	1 1/2	10
LCCF1-56CH-X			5/16	.88	.76	1.44	.12	3.02	Pink	P42	1 1/2	10
LCCF1-38DH-X			3/8	1.00	.76	1.44	.12	3.22	Pink	P42	1 1/2	10
LCCF1-12H-X			1/2	1.75	.80	1.44	.12	4.38	Pink	P42	1 1/2	10
LCCF1/0-14AH-X	1/0 AWG	1/0 AWG	1/4	.63	.85	1.50	.13	2.90	Black	P45	1 9/16	10
LCCF1/0-14BH-X			1/4	.75	.85	1.50	.13	3.02	Black	P45	1 9/16	10
LCCF1/0-56CH-X			5/16	.88	.85	1.50	.13	3.15	Black	P45	1 9/16	10
LCCF1/0-38DH-X			3/8	1.00	.85	1.50	.13	3.34	Black	P45	1 9/16	10
LCCF1/0-12H-X			1/2	1.75	.85	1.50	.13	4.50	Black	P45	1 9/16	10
LCCF2/0-14AH-X	2/0 AWG	2/0 AWG	1/4	.63	.96	1.50	.13	2.92	Orange	P50	1 9/16	10
LCCF2/0-14BH-X			1/4	.75	.96	1.50	.13	3.05	Orange	P50	1 9/16	10
LCCF2/0-38DH-X			3/8	1.00	.96	1.50	.13	3.36	Orange	P50	1 9/16	10
LCCF2/0-12H-X			1/2	1.75	.96	1.50	.13	4.52	Orange	P50	1 9/16	10
LCCF3/0-14BH-X	3/0 AWG	3/0 AWG	1/4	.75	1.06	1.56	.14	3.14	Purple	P54	1 5/8	10
LCCF3/0-38DH-X			3/8	1.00	1.06	1.56	.14	3.47	Purple	P54	1 5/8	10
◆ LCCF3/0-12H-X			1/2	1.75	1.06	1.56	.14	4.61	Purple	P54	1 5/8	10

‡See pages D2.168, D2.169 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Chart continues on page D2.98

Flex Conductor, Two-Hole, Long Barrel, Flared Lug, 45° Angle (continued)

	Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Class K & M	Locomotive			W	B	T	L				
	LCCF4/0-14BH-X	4/0 AWG	4/0 AWG	1/4	.75	1.17	1.61	.14	3.06	Yellow	P62	1 11/16	10
	LCCF4/0-38DH-X			3/8	1.00	1.17	1.61	.14	3.55	Yellow	P62	1 11/16	10
	LCCF4/0-38H-X			3/8	1.75	1.17	1.61	.14	4.30	Yellow	P62	1 11/16	10
◆	**LCCF4/0-12H-X**			1/2	1.75	1.17	1.61	.14	4.69	Yellow	P62	1 11/16	10
	LCCF250-14BH-X	250 kcmil	262.6 kcmil	1/4	.75	1.28	2.24	.17	3.66	White	P66	2 5/16	10
	LCCF250-38DH-X			3/8	1.00	1.28	2.24	.17	4.14	White	P66	2 5/16	10
	LCCF250-12EH-X			1/2	1.25	1.28	2.24	.17	4.82	White	P66	2 5/16	10
◆	**LCCF250-12H-X**			1/2	1.75	1.28	2.24	.17	5.32	White	P66	2 5/16	10
	LCCF300-14BH-6	300 kcmil	313.1 kcmil	1/4	.75	1.38	2.30	.18	3.77	Red	P71	2 3/8	6
	LCCF300-38DH-6			3/8	1.00	1.38	2.30	.18	4.25	Red	P71	2 3/8	6
◆	**LCCF300-12H-6**			1/2	1.75	1.38	2.30	.18	5.43	Red	P71	2 3/8	6
	LCCF350-14BH-6	350 kcmil	373.7 kcmil	1/4	.75	1.53	2.50	.22	3.98	Blue	P76	2 9/16	6
	LCCF350-38DH-6			3/8	1.00	1.53	2.50	.22	4.46	Blue	P76	2 9/16	6
	LCCF350-12EH-6			1/2	1.25	1.53	2.50	.22	5.14	Blue	P76	2 9/16	6
◆	**LCCF350-12H-6**			1/2	1.75	1.53	2.50	.22	5.64	Blue	P76	2 9/16	6
	LCCF400-38DH-6	400 kcmil	444.4 kcmil	3/8	1.00	1.70	2.69	.26	4.66	Brown	P87	2 3/4	6
◆	**LCCF400-12H-6**			1/2	1.75	1.70	2.69	.26	5.84	Brown	P87	2 3/4	6
◆	**LCCF500-12H-6**	500 kcmil	535.3 kcmil	1/2	1.75	1.89	2.88	.26	6.18	Pink	P99	2 15/16	6
◆	**LCCF600-12H-6**	—	646.4 kcmil	1/2	1.75	1.95	2.94	.29	6.25	Black	P106	3	6
	LCCF750-38DH-3	—	777.7 kcmil	3/8	1.00	2.17	3.00	.32	5.45	Orange	P107	3 1/16	3
◆	**LCCF750-12H-3**			1/2	1.75	2.17	3.00	.32	6.39	Orange	P107	3 1/16	3

‡See pages D2.168, D2.169 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

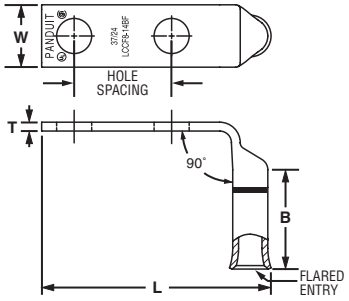
Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Flex Conductor, Two-Hole, Long Barrel, Flared Lug, 90° Angle

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCCF-F

- Can be used with flex conductor class: K, M and Locomotive
- Long barrel maximizes the number of crimps and provides premium wire pull-out strength and electrical performance
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color coded barrels marked with *PANDUIT* die index numbers for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- Available with NEMA hole sizes and spacing



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K & M	Locomotive			W	B	T	L				
LCCF8-14AF-L	—	#8 AWG	1/4	.63	.48	.76	.07	1.64	Red	P21	13/16	50
LCCF8-14BF-L			1/4	.75	.48	.76	.07	1.77	Red	P21	13/16	50
LCCF8-38DF-L			3/8	1.00	.60	.76	.05	2.24	Red	P21	13/16	50
LCCF6-14AF-L	#6 AWG	#6 AWG	1/4	.63	.48	1.22	.08	1.69	Blue	P24	1 5/16	50
LCCF6-14BF-L			1/4	.75	.48	1.22	.08	1.81	Blue	P24	1 5/16	50
LCCF6-38DF-L			3/8	1.00	.62	1.22	.06	2.28	Blue	P24	1 5/16	50
LCCF4-14AF-L	#4 AWG	#4 AWG	1/4	.63	.55	1.23	.09	1.78	Gray	P29	1 5/16	50
LCCF4-14BF-L			1/4	.75	.55	1.23	.09	1.91	Gray	P29	1 5/16	50
LCCF2-14BF-E	#2 AWG	#2 AWG	1/4	.75	.70	1.36	.11	2.10	Brown	P33	1 7/16	20
LCCF2-56BF-E			5/16	.75	.70	1.36	.11	2.23	Brown	P33	1 7/16	20
LCCF2-38DF-E			3/8	1.00	.70	1.36	.11	2.55	Brown	P33	1 7/16	20
LCCF2-12F-E			1/2	1.75	.79	1.36	.09	3.72	Brown	P33	1 7/16	20
LCCF1-14AF-X	#1 AWG	#1 AWG	1/4	.63	.76	1.44	.12	2.11	Pink	P42	1 1/2	10
LCCF1-14BF-X			1/4	.75	.76	1.44	.12	2.24	Pink	P42	1 1/2	10
LCCF1-56CF-X			5/16	.88	.76	1.44	.12	2.42	Pink	P42	1 1/2	10
LCCF1-38DF-X			3/8	1.00	.76	1.44	.12	2.62	Pink	P42	1 1/2	10
LCCF1-12F-X			1/2	1.75	.80	1.44	.11	3.79	Pink	P42	1 1/2	10
LCCF1/0-14AF-X	1/0 AWG	1/0 AWG	1/4	.63	.85	1.50	.13	2.27	Black	P45	1 9/16	10
LCCF1/0-14BF-X			1/4	.75	.85	1.50	.13	2.39	Black	P45	1 9/16	10
LCCF1/0-56CF-X			5/16	.88	.85	1.50	.13	2.52	Black	P45	1 9/16	10
LCCF1/0-38DF-X			3/8	1.00	.85	1.50	.13	2.70	Black	P45	1 9/16	10
LCCF1/0-12F-X			1/2	1.75	.85	1.50	.13	3.87	Black	P45	1 9/16	10
LCCF2/0-14AF-X	2/0 AWG	2/0 AWG	1/4	.63	.96	1.50	.13	2.33	Orange	P50	1 9/16	10
LCCF2/0-14BF-X			1/4	.75	.96	1.50	.13	2.46	Orange	P50	1 9/16	10
LCCF2/0-38DF-X			3/8	1.00	.96	1.50	.13	2.77	Orange	P50	1 9/16	10
LCCF2/0-12F-X			1/2	1.75	.96	1.50	.13	3.93	Orange	P50	1 9/16	10
LCCF3/0-14BF-X	3/0 AWG	3/0 AWG	1/4	.75	1.06	1.56	.14	2.56	Purple	P54	1 5/8	10
LCCF3/0-38DF-X			3/8	1.00	1.06	1.56	.14	2.89	Purple	P54	1 5/8	10
◆ **LCCF3/0-12F-X**			1/2	1.75	1.06	1.56	.14	4.03	Purple	P54	1 5/8	10

‡See pages D2.168, D2.169 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Chart continues on page D2.100

Flex Conductor, Two-Hole, Long Barrel, Flared Lug, 90° Angle (continued)

	Part Number	Flex Conductor Size		Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Class K & M	Locomotive			W	B	T	L				
	LCCF4/0-14BF-X	4/0 AWG	4/0 AWG	1/4	.75	1.17	1.61	.14	2.48	Yellow	P62	1 11/16	10
	LCCF4/0-38DF-X			3/8	1.00	1.17	1.61	.14	2.97	Yellow	P62	1 11/16	10
	LCCF4/0-38F-X			3/8	1.75	1.17	1.61	.14	3.72	Yellow	P62	1 11/16	10
◆	LCCF4/0-12F-X			1/2	1.75	1.17	1.61	.14	4.11	Yellow	P62	1 11/16	10
	LCCF250-14BF-X	250 kcmil	262.6 kcmil	1/4	.75	1.28	2.24	.17	2.54	White	P66	2 5/16	10
	LCCF250-38DF-X			3/8	1.00	1.28	2.24	.17	3.02	White	P66	2 5/16	10
	LCCF250-12EF-X			1/2	1.25	1.28	2.24	.17	3.70	White	P66	2 5/16	10
◆	LCCF250-12F-X			1/2	1.75	1.28	2.24	.17	4.20	White	P66	2 5/16	10
	LCCF300-14BF-6	300 kcmil	313.1 kcmil	1/4	.75	1.38	2.30	.18	2.61	Red	P71	2 3/8	6
	LCCF300-38DF-6			3/8	1.00	1.38	2.30	.18	3.09	Red	P71	2 3/8	6
◆	LCCF300-12F-6			1/2	1.75	1.38	2.30	.18	4.27	Red	P71	2 3/8	6
	LCCF350-14BF-6	350 kcmil	373.7 kcmil	1/4	.75	1.53	2.50	.22	2.73	Blue	P76	2 9/16	6
	LCCF350-38DF-6			3/8	1.00	1.53	2.50	.22	3.21	Blue	P76	2 9/16	6
	LCCF350-12EF-6			1/2	1.25	1.53	2.50	.22	3.89	Blue	P76	2 9/16	6
◆	LCCF350-12F-6			1/2	1.75	1.53	2.50	.22	4.39	Blue	P76	2 9/16	6
	LCCF400-38DF-6	400 kcmil	444.4 kcmil	3/8	1.00	1.70	2.69	.26	3.33	Brown	P87	2 3/4	6
◆	LCCF400-12F-6			1/2	1.75	1.70	2.69	.26	4.51	Brown	P87	2 3/4	6
◆	LCCF500-12F-6	500 kcmil	535.3 kcmil	1/2	1.75	1.89	2.88	.26	4.67	Pink	P99	2 15/16	6
◆	LCCF600-12F-6	—	646.4 kcmil	1/2	1.75	1.95	2.88	.29	4.73	Black	P106	3	6
	LCCF750-38DF-3	—	777.7 kcmil	3/8	1.00	2.17	3.00	.32	3.96	Orange	P107	3 1/16	3
◆	LCCF750-12F-3			1/2	1.75	2.17	3.00	.32	4.90	Orange	P107	3 1/16	3

‡See pages D2.168, D2.169 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

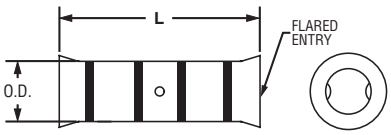
Prime items appear in **BOLD**.

Flex Conductor, Standard Barrel, Flared, Butt Splice

For Use with Flexible and Extra-Flexible Copper Conductors

Type SCSF

- Can be used with flex conductor class: K, M and Locomotive
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color coded barrels marked with *PANDUIT* die index numbers for proper crimp die selection
- Internal wire stops to prevent over-insertion of conductor
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Type Approved



Part Number	Flex Conductor Size		Figure Dimensions (In.)		*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K & M	Locomotive	Barrel O.D.	L				
SCSF8-L	—	#8 AWG	.27	1.50	Red	P21	11/16	50
SCSF6-L	#6 AWG	#6 AWG	.31	1.75	Blue	P24	13/16	50
SCSF4-L	#4 AWG	#4 AWG	.38	1.75	Gray	P29	13/16	50
SCSF2-E	#2 AWG	#2 AWG	.47	1.87	Brown	P33	7/8	20
SCSF1-X	#1 AWG	#1 AWG	.52	1.87	Pink	P42	7/8	10
SCSF1/0-X	1/0 AWG	1/0 AWG	.58	2.50	Black	P45	1 3/16	10
SCSF2/0-X	2/0 AWG	2/0 AWG	.64	2.50	Orange	P50	1 3/16	10
SCSF3/0-X	3/0 AWG	3/0 AWG	.71	2.50	Purple	P54	1 3/16	10
SCSF4/0-X	4/0 AWG	4/0 AWG	.77	2.50	Yellow	P62	1 3/16	10
SCSF250-X	250 kcmil	262.6 kcmil	.88	2.50	White	P66	1 3/16	10
SCSF300-6	300 kcmil	313.1 kcmil	.95	2.56	Red	P71	1 1/4	6
SCSF350-6	350 kcmil	373.7 kcmil	1.06	2.94	Blue	P76	1 1/2	6

‡See pages D2.168, D2.169 for tool and die information.

**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code/Flex Conductor, with Window, In-Line Reducing Splice Kit

Type RSCK

- Includes all components in one package for making a complete electrical connection: *PANDUIT* copper compression RSC in-line reducing splice (See pages D2.104, D2.105) and crystal clear PVC heat shrink sleeves pre-cut to length to insulate reducing splice
- *PANDUIT* crystal clear PVC heat shrink has a UL 224 VW-1 flammability rating and passes Telcordia GR-347-CORE Compression and Cut-Through Penetration Test and Abrasion Resistance Test
- *PANDUIT* crystal clear PVC heat shrink is UL Recognized with a temperature rating of 150°C, high temperature insulating property
- Rated for 600V applications when *PANDUIT* crystal clear PVC heat shrink is applied

Part Number	Part Description	Std. Pkg. Qty.
RSCK4-6-1	Kit contains: 1 pc. RSC4-6-L copper compression in-line reducing splice. 1 pc. HSTTPN50-713-Q crystal clear PVC heat shrink 1/2" dia. x 7.125" long.	1
RSCK2-6-1	Kit contains: 1 pc. RSC2-6-Q copper compression in-line reducing splice. 1 pc. HSTTPN62-750-Q crystal clear PVC heat shrink 5/8" dia. x 7.500" long.	1
RSCK2-4-1	Kit contains: 1 pc. RSC2-4-Q copper compression in-line reducing splice. 1 pc. HSTTPN62-750-Q crystal clear PVC heat shrink 5/8" dia. x 7.500" long.	1
RSCK1/0-6-1	Kit contains: 1 pc. RSC1/0-6-X copper compression in-line reducing splice. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	1
RSCK1/0-4-1	Kit contains: 1 pc. RSC1/0-4-X copper compression in-line reducing splice. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	1
RSCK2/0-6-1	Kit contains: 1 pc. RSC2/0-6-X copper compression in-line reducing splice. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	1
RSCK2/0-4-1	Kit contains: 1 pc. RSC2/0-4-X copper compression in-line reducing splice. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	1
RSCK4/0-6-1	Kit contains: 1 pc. RSC4/0-6-X copper compression in-line reducing splice. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	1
RSCK4/0-4-1	Kit contains: 1 pc. RSC4/0-4-X copper compression in-line reducing splice. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long. 1 pc. HSTTPN50-438-L crystal clear PVC heat shrink 1/2" dia. x 4.375" long.	1

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code/Flex Conductor, with Window, In-Line Reducing Splice Kit (continued)

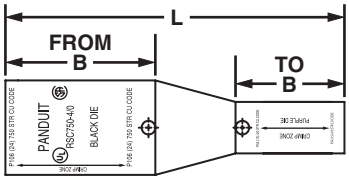
Part Number	Part Description	Std. Pkg. Qty.
RSCK4/0-1/0-1	Kit contains: 1 pc. RSC4/0-1/0-X copper compression in-line reducing splice. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long.	1
RSCK4/0-2/0-1	Kit contains: 1 pc. RSC4/0-2/0-X copper compression in-line reducing splice. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long. 1 pc. HSTTPN75-775-Q crystal clear PVC heat shrink 3/4" dia. x 7.750" long.	1
RSCK500-X4/0-1	Kit contains: 1 pc. RSC500-X4/0-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSCK500-X350-1	Kit contains: 1 pc. RSC500-X350-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSCK750-4/0-1	Kit contains: 1 pc. RSC750-4/0-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long.	1
RSCK750-X4/0-1	Kit contains: 1 pc. RSC750-X4/0-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSCK750-X350-1	Kit contains: 1 pc. RSC750-X350-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSCK750-500-1	Kit contains: 1 pc. RSC750-500-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSCK750-X500-1	Kit contains: 1 pc. RSC750-X500-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSCK750-750-1	Kit contains: 1 pc. RSC750-750-6 copper compression in-line reducing splice. 1 pc. HSTTPN150-925-X crystal clear PVC heat shrink 1 1/2" dia. x 9.250" long.	1
RSCKX750-4/0-1	Kit contains: 1 pc. RSCX750-4/0-3 copper compression in-line reducing splice. 1 pc. HSTTPN200-950-X crystal clear PVC heat shrink 2" dia. x 9.500" long. 1 pc. HSTTPN100-775-Q crystal clear PVC heat shrink 1" dia. x 7.750" long.	1
RSCKX750-750-1	Kit contains: 1 pc. RSCX750-750-3 copper compression in-line reducing splice. 1 pc. HSTTPN200-950-X crystal clear PVC heat shrink 2" dia. x 9.500" long.	1

Code/Flex Conductor, with Window, In-Line Reducing Splice

For Use with Stranded Copper Code and Class I Flex Conductors

Type RSC

- Low profile design provides minimum space requirements
- Manufactured from seamless, high conductivity copper tubing
- Color coded barrels marked with *PANDUIT* and specified competitor die index numbers for proper crimp die selection
- Inspection windows in each barrel to visually assure full conductor insertion
- Generous internally beveled wire entry for easy conductor insertion
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- Also sold as a kit with crystal clear PVC heat shrink (see pages D2.102, D2.103)



Part Number		Copper Conductor Size	Figure Dimensions (In.) B	Figure Dimensions (In.) L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
RSC4-6-L	Reduces From	#4 – #3 AWG STR,#2 AWG SOL	1.05	2.54	Gray	P29	8	29	1	1
	Reduces To	#6 AWG	1.38		Blue	P24	7	24	1 5/16	
RSC2-6-Q	Reduces From	#2 AWG	1.05	2.62	Brown	P33	10	33	1	1
	Reduces To	#6 AWG	1.38		Blue	P24	7	34	1 5/16	
RSC2-4-Q	Reduces From	#2 AWG	1.05	2.50	Brown	P33	10	33	1	1
	Reduces To	#4 – #3 AWG STR,#2 AWG SOL	1.38		Gray	P29	8	29	1 5/16	
RSC1/0-6-X	Reduces From	1/0 AWG	1.05	2.81	Pink	P42	12	42	1	1
	Reduces To	#6 AWG	1.38		Blue	P24	7	24	1 5/16	
RSC1/0-4-X	Reduces From	1/0 AWG	1.05	2.70	Pink	P42	12	42	1	1
	Reduces To	#4 – #3 AWG STR,#2 AWG SOL	1.38		Gray	P29	8	29	1 5/16	
RSC2/0-6-X	Reduces From	2/0 AWG	1.13	2.99	Black	P45	13	45	1 1/16	1
	Reduces To	#6 AWG	1.38		Blue	P24	7	24	1 5/16	
RSC2/0-4-X	Reduces From	2/0 AWG	1.13	2.88	Black	P45	13	45	1 1/16	1
	Reduces To	#4 – #3 AWG STR,#2 AWG SOL	1.38		Gray	P29	8	29	1 5/16	
RSC4/0-6-X	Reduces From	4/0 AWG	1.13	3.24	Purple	P54	15	54	1 1/16	1
	Reduces To	#6 AWG	1.38		Blue	P24	7	24	1 5/16	
RSC4/0-4-X	Reduces From	4/0 AWG	1.13	3.12	Purple	P54	15	54	1 1/16	1
	Reduces To	#4 – #3 AWG STR,#2 AWG SOL	1.38		Gray	P29	8	29	1 5/16	
RSC4/0-1/0-X	Reduces From	4/0 AWG	1.16	3.13	Purple	P54	15	54	1 1/16	1
	Reduces To	1/0 AWG	1.63		Pink	P42	12	42	1 9/16	

‡See pages D2.170, D2.171, D2.172, D2.173, D2.174, D2.175 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code/Flex Conductor, with Window, In-Line Reducing Splice (continued)

Part Number		Copper Conductor Size	Figure Dimensions (In.) B	Figure Dimensions (In.) L	*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
RSC4/0-2/0-X	Reduces From	4/0 AWG	1.16	2.90	Purple	P54	15	54	1 1/16	1
	Reduces To	2/0 AWG	1.50		Black	P45	13	45	1 7/16	
RSC500-X4/0-6	Reduces From	500 kcmil	1.94	3.97	Brown	P87	20	87	1 7/8	1
	Reduces To	4/0 Flex	1.50		Yellow	P62	16	62	1 7/16	
RSC500-X350-6	Reduces From	500 kcmil	1.94	4.38	Brown	P87	20	87	1 7/8	1
	Reduces To	350 Flex	1.94		Blue	P76	19	76	1 7/8	
RSC750-4/0-6	Reduces From	750 kcmil	2.06	4.66	Black	P106	24	106	2	1
	Reduces To	4/0 AWG	1.50		Purple	P54	15	54	1 5/8	
RSC750-X4/0-6	Reduces From	750 kcmil	2.06	4.54	Black	P106	24	106	2	1
	Reduces To	4/0 Flex	1.50		Yellow	P62	16	62	1 7/16	
RSC750-X350-6	Reduces From	750 kcmil	2.06	4.45	Black	P106	24	106	2	1
	Reduces To	350 Flex	1.94		Blue	P76	19	76	1 7/8	
RSC750-500-6	Reduces From	750 kcmil	2.06	4.45	Black	P106	24	106	2	1
	Reduces To	500 kcmil	1.94		Brown	P87	20	87	1 7/8	
RSC750-X500-6	Reduces From	750 kcmil	2.06	4.63	Black	P106	24	106	2	1
	Reduces To	500 Flex	2.06		Pink	P99	400	99	2	
RSC750-750-6	Reduces From	750 kcmil	2.06	4.63	Black	P106	24	106	2	1
	Reduces To	750 kcmil	2.06		Black	P106	24	106	2	
RSCX750-4/0-3	Reduces From	750 Flex	2.06	5.04	Yellow	P115	115	115	2	1
	Reduces To	4/0 AWG	1.50		Purple	P54	15	54	1 5/8	
RSCX750-750-3	Reduces From	750 Flex	2.06	4.50	Yellow	P115	115	115	2	1
	Reduces To	750 kcmil	2.06		Black	P106	24	106	2	

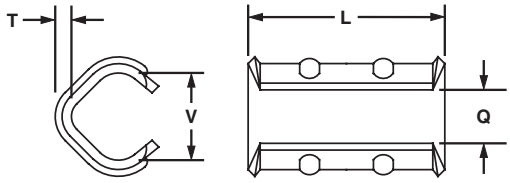
‡See pages D2.170, D2.171, D2.172, D2.173, D2.174, D2.175 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Code Conductor, Thin Wall, CTAP

For Copper Code Stranded Connections

Type CTAPF

- For copper-to-copper tapping, splicing or pigtailing
- Wire range-taking capability minimizes inventory requirements
- Color coded for proper crimp die selection
- Ribbed design provides high strength
- Made from high conductivity wrought copper
- UL Listed and CSA Certified to 600V and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Copper Conductor Size		Number of Ribs	Figure Dimensions (In.)				*PANDUIT* Color Code	Wire Strip Length (In.)	Std. Pkg. Qty.
	Run	Tap		L	T	V	Q			
CTAPF10-16-C*	#14 AWG	#16 – #14 AWG	0	.41	.06	.19	.13	Red	1/2	100
	#12 AWG	#16 – #12 AWG								
	#10 AWG	#14 AWG								
CTAPF8-12-C	#10 AWG	#10 AWG	0	.67	.07	.26	.19	Blue	11/16	100
	#8 AWG	#12 AWG								
CTAPF6-12-C	#8 AWG	#10 – #8 AWG	0	.67	.07	.32	.24	Gray	11/16	100
	#6 AWG	#12 – #10 AWG								
CTAPF4-12-C	#6 AWG	#8 – #6 AWG	1	1.25	.07	.40	.28	Brown	1 5/16	100
	#5, #4 AWG	#12 – #8 AWG								
CTAPF3-12-C	#5, #4 AWG	#6 – #5 AWG	1	1.25	.08	.46	.31	Green	1 5/16	100
	#3 AWG	#12 – #6 AWG								
CTAPF2-12-C	#4 AWG	#4 AWG	1	1.25	.08	.51	.33	Pink	1 5/16	100
	#3 AWG	#5 AWG								
	#2 AWG	#12 – #6 AWG								
CTAPF1-12-C	#3 AWG	#4 – #3 AWG	2	1.82	.08	.57	.40	Black	1 7/8	100
	#2 AWG	#5 – #4 AWG								
	#1 AWG	#12 – #5 AWG								
CTAPF1/0-12-L	#2 AWG	#4 – #2 AWG	2	1.82	.09	.63	.42	Orange	1 7/8	50
	#1 AWG	#4 – #3 AWG								
	1/0 AWG	#12 – #4 AWG								
CTAPF2/0-12-Q	#1 AWG	#2 – #1 AWG	2	1.82	.09	.71	.48	Purple	1 7/8	25
	1/0 AWG	#3 – #2 AWG								
	2/0 AWG	#12 – #3 AWG								
CTAPF3/0-12-Q	1/0 AWG	#1 – 1/0 AWG	2	1.82	.09	.81	.55	Yellow	1 7/8	25
	2/0 AWG	#2 – #1 AWG								
	3/0 AWG	#12 – #2 AWG								

‡See pages D2.176, D2.177 for tool and die information.
*CTAPF10-16-C available with square, not flared ends.

Order number of pieces required, in multiples of Standard Package Quantity.

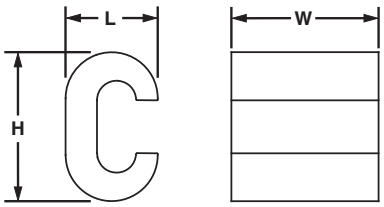
Prime items appear in **BOLD**.

Code Conductor, Heavy Duty, CTAP

For Use with Solid and Stranded Copper Code Conductors

Type CTAP

- For tapping into unbroken continuous main, as a wire joint or 2-way splice
- Wire range-taking capability minimizes inventory requirements
- Made from heavy wall, extruded, high conductivity copper; provides high strength and premium electrical properties
- UL Listed per UL 486A for use up to 35KV** and temperature rated 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- UL Listed per UL 467 for grounding and bonding suitable for direct burial in earth or concrete when crimped with *PANDUIT* and specified competitor crimping tools and dies



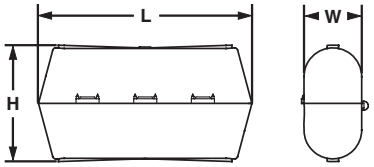
Part Number	Copper Conductor Size		Figure Dimensions (In.)			*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	Wire Strip Length (In.)	Tap Cover*	Std. Pkg. Qty.
	Run	Tap	L	W	H					
CTAP4-8-L	#6 – #4 AWG SOL or STR	#8 AWG SOL or STR	.46	.63	.73	PBG	BG	3/4	TAPC2-2/0-X	50
CTAP4-6-L	#6 AWG STR, #4 AWG SOL or STR	#6 AWG SOL or STR	.48	.63	.76	PBG	BG	3/4	TAPC2-2/0-X	50
CTAP4-4-L	#4 AWG SOL or STR	#4 AWG STR	.46	.63	.81	PBG	BG	3/4	TAPC2-2/0-X	50
CTAP2-4-Q	#2 AWG SOL or STR	#8 – #4 AWG SOL or STR	.60	.76	.96	PC	C	7/8	TAPC2-2/0-X	25
CTAP2-2-X	#2 AWG SOL or STR	#2 AWG SOL or STR	.60	.75	1.05	PC	C	7/8	TAPC2-2/0-X	10
CTAP2/0-2-X	1/0 – 2/0 AWG STR	#8 – #2 AWG SOL or STR	.80	.93	1.32	PO	O	1 1/16	TAPC2-2/0-X	10
CTAP2/0-2/0-X	1/0 – 2/0 AWG STR	1/0 – 2/0 AWG STR	.80	.93	1.37	PO	O	1 1/16	TAPC2-2/0-X	10
CTAP4/0-2-X	3/0 – 4/0 AWG STR	#6 – #2 AWG SOL or STR	.94	1.08	1.66	PD3	F	1 1/4	TAPC3/0-4/0-5	10
CTAP4/0-2/0-X	3/0 – 4/0 AWG STR	1/0 – 2/0 AWG STR	1.00	1.08	1.57	PD3	F	1 1/4	TAPC3/0-4/0-5	10
CTAP4/0-4/0-X	3/0 – 4/0 AWG STR	3/0 – 4/0 AWG STR	1.00	1.08	1.57	PD3	F	1 1/4	TAPC3/0-4/0-5	10

‡See page D2.178 for tool and die information.
*See page D2.108 for Type TAPC CTAP covers.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.

Black Covers for Copper CTAPs and Aluminum HTAPs

Type TAPC

- Used to insulate connectors and protect tap connections from corrosive environments
- Made of durable, weather-resistant black polypropylene
- Double locking latches provide secure cover installation
- Flexible molded fingers at end of covers conform to conductor and prevent foreign objects from contacting connector



Part Number	Use with CTAP Part Number	Use with HTAP Part Number	Figure Dimensions (In.)			Std. Pkg. Qty.
			L	W	H	
TAPC2-2/0-X	CTAP 4-6, CTAP 4-4, CTAP 2-4, CTAP 2-2	HTAP 1-1, HTAP 1/0-1, HTAP 2-8, HTAP 2/0-1	4.62	1.60	2.22	10
TAPC3/0-4/0-5	CTAP 4/0-4/0	HTAP 3/0-1, HTAP 3/0-3/0, HTAP 4/0-2, HTAP 4/0-3/0, HTAP 4/0-4/0	5.65	1.72	2.38	5
TAPC500-2	—	HTAP 500-4/0, HTAP 500-500	6.81	2.86	2.38	2

For information on Copper CTAPs, see page D2.107.
For information on Aluminum HTAPs, see page D2.121.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code/Flex Conductor HTAP Kit

Type HTWC

- Includes all components to make a complete HTAP and cover installation: HTCT HTAP, matching CLRCVR clear cover and cable ties
- Each HTCT HTAP designed to terminate a wide range of copper code and flex conductor combinations to accommodate a variety of applications
- HTAPs incorporate a unique slotted design that allows for quick and easy installation using supplied *PANDUIT* cable ties; saves time and cost
- Matching clear covers are made from high impact plastic and provide high impact strength and 360° viewing of installed HTAP
- Clear covers have a UL 94 V-0 flame rating and an oxygen index of 28 providing self-extinguishing, flame retardant properties
- UL Listed and CSA Certified for applications up to 600V when crimped with *PANDUIT* and specified competitor crimping tools and *PANDUIT* crimping dies
- See page D2.125 for detailed installation instructions

Part Number	Components		Copper Conductor Size Range					Std. Pkg. Qty.
	HTAP Part No.	Clear Cover Part No.	Wire Strand Type	Run	Tap 1	Tap 2	Tap 3	
HTWC8-8-1	HTCT8-8-1	CLRCVR1-1	Code	#8 – #14 AWG	#8 – #14 AWG	—	—	1
			Flex	#8 – #14 AWG	#8 – #14 AWG	—	—	
HTWC6-6-1	HTCT6-6-1	CLRCVR1-1	Code	#6 – #10 AWG	#6 – #14 AWG	—	—	1
			Flex	#6 – #10 AWG	#6 – #14 AWG	—	—	
HTWC2-2-1	HTCT2-2-1	CLRCVR2-1	Code	#2 – #6 AWG STR/SOL	#2 – #6 AWG STR/SOL	#8 – #14 AWG	#8 – #14 AWG	1
			Flex	#2 – #8 AWG	#2 – #8 AWG	#8 – #14 AWG	#8 – #14 AWG	
HTWC250-8-1	HTCT250-8-1	CLRCVR3-1	Code	250 kcmil – #2 AWG	#8 – #14 AWG	#8 – #14 AWG	—	1
			Flex	4/0 – #2 AWG	#8 – #14 AWG	#8 – #14 AWG	—	
HTWC250-2-1	HTCT250-2-1	CLRCVR3-1	Code	250 kcmil – #2 AWG	#2 – #6 AWG STR/SOL	#8 – #14 AWG	—	1
			Flex	4/0 – #2 AWG	#2 – #8 AWG	#8 – #14 AWG	—	
HTWC250-250-1	HTCT250-250-1	CLRCVR3-1	Code	250 kcmil – #2 AWG	250 kcmil – #2 AWG	—	—	1
			Flex	4/0 – #2 AWG	4/0 – #2 AWG	—	—	
HTWC500-250-1	HTCT500-250-1	CLRCVR5-1	Code	500 kcmil – 4/0 AWG	250 kcmil – 1/0 AWG	#1 – #6 AWG SOL	#8 – #14 AWG	1
			Flex	373 kcmil – 4/0 AWG	4/0 – 1/0 AWG	#1 – #8 AWG	#8 – #14 AWG	
HTWC500-500-1	HTCT500-500-1	CLRCVR5-1	Code	500 – 250 kcmil	500 kcmil – 4/0 AWG	—	—	1
			Flex	373 kcmil – 4/0 AWG	373 kcmil – 4/0 AWG	—	—	
HTWC750-4/0-1	HTCT750-4/0-1	CLRCVR6-1	Code	750 – 350 kcmil	4/0 – 1/0 AWG	#1 – #6 AWG STR/SOL	#2 – #14 AWG	1
			Flex	550 – 500 kcmil	250 kcmil – 1/0 AWG	#1 – #8 AWG	#2 – #14 AWG	
HTWC750-750-1	HTCT750-750-1	CLRCVR6-1	Code	750 – 500 kcmil	750 – 350 kcmil	—	—	1
			Flex	550 – 444 kcmil	550 – 313 kcmil	—	—	
HTWC1000-250-1	HTCT1000-250-1	CLRCVR6-1	Code	1000 – 750 kcmil	250 kcmil – 1/0 AWG	#1 – #2 AWG	—	1
			Flex	777 – 500 kcmil	4/0 – 1/0 AWG	#1 – #2 AWG	—	
HTWC1000-1000-1	HTCT1000-1000-1	CLRCVR6-1	Code	1000 – 750 kcmil	1000 – 750 kcmil	—	—	1
			Flex	777 – 500 kcmil	777 – 500 kcmil	—	—	
				777 – 750 kcmil	350 kcmil	—	—	

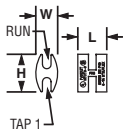
See pages D2.110, D2.111 for more information on HTAPs and clear covers, including tap sizes and locations.

Code/Flex Conductor HTAP

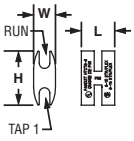
For Making Parallel and Multiple Tap Connections on Code and Flex Conductors

Type HTCT

- Used to tap into continuous conductors as a splice or pigtailing
- Each HTAP terminates a wide range of conductor sizes and combinations of code and flex conductors Class G, H, I and Locomotive to suit a variety of applications
- Slotted design allows quick and easy assembly of conductor to HTAP using three *PANDUIT* 94 V-0 cable ties included
- Tap grooves are separated from one another allowing them to function independently so HTAP can be used with a single or multiple taps providing maximum design and installation flexibility
- Color coded and marked with *PANDUIT* die index numbers for proper crimp die selection
- UL Listed and CSA Certified for applications up to 600V when crimped with *PANDUIT* and specified competitor crimping tools and *PANDUIT* crimping dies
- Tin plated to inhibit corrosion
- See page D2.125 for detailed installation instructions



HTCT8-8



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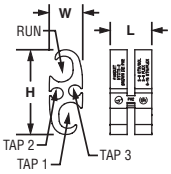
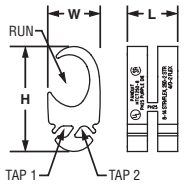


HTCT2-2



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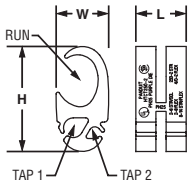
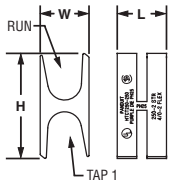


HTCT250-2



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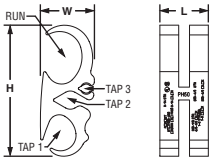
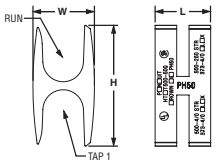
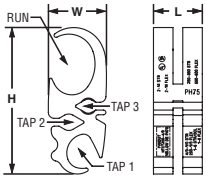


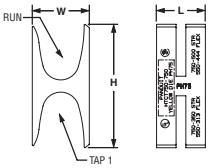
HTCT500-250



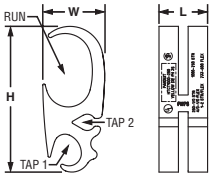
HTCT500-500



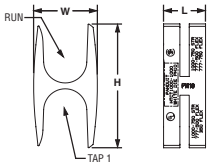
HTCT750-4/0



HTCT750-750



HTCT1000-250



HTCT1000-1000

Part Number	Copper Conductor Size Range					Figure Dimensions (In.)			*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Wire Strand Type	Run	Tap 1	Tap 2	Tap 3	L	W	H				
HTCT8-8-1	Code	#8 – #14 AWG	#8 – #14 AWG	—	—	.53	.40	.69	Green	PH8	19/32	1
	Flex	#8 – #14 AWG	#8 – #14 AWG	—	—							
HTCT6-6-1	Code	#6 – #10 AWG	#6 – #14 AWG	—	—	.61	.40	.99	Orange	PH6	11/16	1
	Flex	#6 – #10 AWG	#6 – #14 AWG	—	—							
HTCT2-2-1	Code	#2 – #6 AWG STR/SOL	#2 – #6 AWG STR/SOL	#8 – #14 AWG	#8 – #14 AWG	.76	.61	1.55	Brown	PH2	13/16	1
	Flex	#2 – #8 AWG	#2 – #8 AWG	#8 – #14 AWG	#8 – #14 AWG							
HTCT250-8-1	Code	250 kcmil – #2 AWG	#8 – #14 AWG	#8 – #14 AWG	—	.92	.96	1.92	Purple	PH25	1	1
	Flex	4/0 – #2 AWG	#8 – #14 AWG	#8 – #14 AWG	—							
HTCT250-2-1	Code	250 kcmil – #2 AWG	#2 – #6 AWG STR/SOL	#8 – #14 AWG	—	.92	.96	1.92	Purple	PH25	1	1
	Flex	4/0 – #2 AWG	#2 – #8 AWG	#8 – #14 AWG	—							
HTCT250-250-1	Code	250 kcmil – #2 AWG	250 kcmil – #2 AWG	—	—	.90	.89	1.92	Purple	PH25	1	1
	Flex	4/0 – #2 AWG	4/0 – #2 AWG	—	—							
HTCT500-250-1	Code	500 kcmil – 4/0 AWG	250 kcmil – 1/0 AWG	#1 – #6 AWG STR/SOL	#8 – #14 AWG	1.12	1.25	3.03	Brown	PH50	1 1/4	1
	Flex	373 kcmil – 4/0 AWG	4/0 – 1/0 AWG	#1 – #8 AWG	#8 – #14 AWG							

‡See page D2.179 for tool and die information.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Code/Flex Conductor HTAP (continued)

Part Number	Copper Conductor Size Range					Figure Dimensions (In.)			*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Wire Strand Type	Run	Tap 1	Tap 2	Tap 3	L	W	H				
HTCT500-500-1	Code	500 – 250 kcmil	500 kcmil – 4/0 AWG	—	—	1.12	1.24	2.44	Brown	PH50	1 1/4	1
	Flex	373 kcmil – 4/0 AWG	373 kcmil – 4/0 AWG	—	—							
HTCT750-4/0-1	Code	750 – 350 kcmil	4/0 – 1/0 AWG	#1 – #6 AWG STR/SOL	#2 – #14 AWG	1.25	1.49	3.75	Yellow	PH75	1 3/8	1
	Flex	550 – 500 kcmil	250 kcmil – 1/0 AWG	#1 – #8 AWG	#2 – #14 AWG							
HTCT750-750-1	Code	750 – 500 kcmil	750 – 350 kcmil	—	—	1.25	1.46	3.16	Yellow	PH75	1 3/8	1
	Flex	550 – 444 kcmil	550 – 313 kcmil	—	—							
HTCT1000-250-1	Code	1000 – 750 kcmil	250 kcmil – 1/0 AWG	#1 – #2 AWG	—	1.25	1.59	3.75	Yellow	PH75	1 3/8	1
	Flex	777 – 500 kcmil	4/0 – 1/0 AWG	#1 – #2 AWG	—							
HTCT1000-1000-1	Code	1000 – 750 kcmil	1000 – 750 kcmil	—	—	1.12	1.70	3.30	White	PH10	1 1/4	1
	Flex	777 – 500 kcmil	777 – 500 kcmil	—	—							
		777 – 750 kcmil	350 kcmil	—	—							

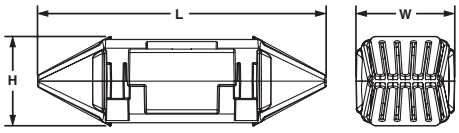
‡See page D2.179 for tool and die information.

Clear Covers for HTCT HTAPs

For Use with PANDUIT HTCT HTAPs

Type CLRCVR

- Made of high impact plastic to provide high impact strength and 360° inspections of crimped connection to assure the crimp is complete and the correct die was used
- Incorporate dual self-latching spring loaded latches and supplied with two *PANDUIT* UL 94 V-0 cable ties to allow for easy snap-on assembly and ensure covers are secured
- Low profile design minimizes space requirements
- Each cover half supports installation information labels inside plastic retainer strips to allow labels to be viewed on either side of cover and to protect labels from being removed
- Incorporate molded in flash barriers which encompass the HTAP installation providing protection against electrical flash over
- UL 94 V-0 flame rating and oxygen index of 28 providing self-extinguishing, flame retardant properties
- Part number, voltage rating, temperature rating and HTCT part number molded into cover for easy identification
- See page D2.125 for detailed installation instructions



Shown Assembled

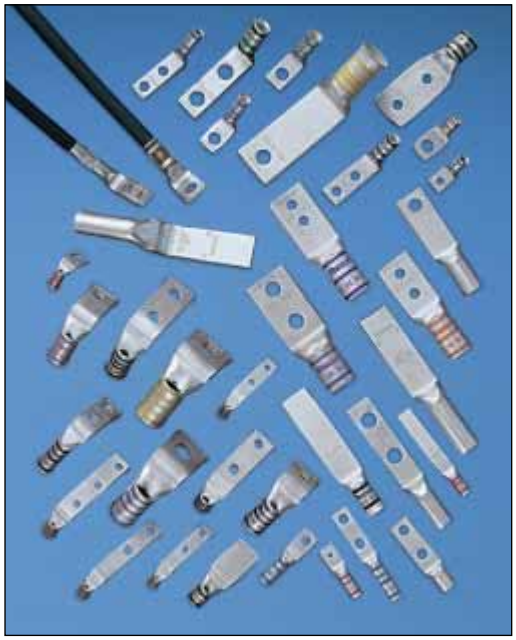
Part Number	Use with HTAP Part Number	Figure Dimensions (In.)			Std. Pkg. Qty.
		L	W	H	
CLRCVR1-1	HTCT8-8, HTCT6-6	4.48	1.41	1.20	1
CLRCVR2-1	HTCT2-2	5.10	1.66	1.40	1
CLRCVR3-1	HTCT250-8, HTCT250-2, HTCT250-250	5.35	2.16	1.40	1
CLRCVR5-1	HTCT500-250, HTCT500-500	7.50	3.10	1.90	1
CLRCVR6-1	HTCT750-4/0, HTCT750-750, HTCT1000-250, HTCT1000-1000	8.50	4.13	2.40	1

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

PANDUIT Custom Copper Compression Lugs for Special Applications

Manufactured to meet your special dimensional specifications and requirements

PANDUIT has incorporated manufacturing processes that permit custom lug capabilities with premium two day or standard two week delivery. *PANDUIT* offers a wide variety of dimensional choices for #8 AWG to 250 kcmil copper code lugs and #8 AWG to 4/0 AWG copper flex lugs.



Options:

Tongues
— Straight or Bent
— Stacking
— Special Lengths

Stud Holes
— Various Sizes, #10 to 1/2"
— Multiple Hole Sizes and Spacing
— Special Locations

Barrels
— Three Standard Lengths: Short, Standard and Long
— Custom Lengths

With Dependable *PANDUIT* Service

- **Excellent Quality**
- **Fast Delivery**
- **Low Minimum Order Quantities**
- **Competitive Prices**

Custom Lugs Spec Sheet Instructions

Use these instructions to design your own custom lugs. Fill in the Custom Lugs Preliminary Spec Sheet to place your custom lugs order. You can copy the sheet from page D2.114 or download it at *www.panduit.com/customlugs*.

1. Fill out this section completely.
2. Check the conductor size and type (Code or Flex). Fill in the strand designation and type for flex conductor.
3. Check a barrel length. Refer to Chart "A" for standard barrel length dimensions. If the length you require is not listed, fill in the special box with your required length.
4. Check "YES" if an inspection window is required; check "NO" if it is not required.
5. Check the barrel end type you require.
6. Check a stud size and tongue style (one-hole, two-hole or blank). Refer to Chart "A" and Chart "B" for standard tongue dimensions. If you require tongue dimensions other than those listed, fill in the box that corresponds to the feature that requires a special dimension. You must fill in a hole spacing on two-hole lugs and tongue length on blank tongue lugs.

NOTE: Steps 7 and 8 are for bent or stacking lugs ONLY.

7. Check the stacking lug you require. If both upper and lower lugs are required, check "both". (2 drawings will be provided.) If you choose a bent stacking lug, fill in the required angle.
8. Check the bent lug you require. If you check "special angle", fill in the required angle.
9. Check the special options you require. Fill in any blank lines that correspond to the option you've selected.
10. Fax or mail the completed spec sheet to *PANDUIT* Corp. Address and phone/fax numbers are listed on the bottom of the Custom Lugs Preliminary Spec Sheet (see page D2.114 or go to *www.panduit.com/customlugs*). *PANDUIT* will send drawings for your approval.

Chart "A"

Code Conductor Size	Locomotive Flex Conductor Size	Flex Conductor Size	Barrel		Barrel Length			Tongue Width				
								Nominal Stud Size				
			I.D.	O.D.	Short	Standard	Long	#10	1/4	5/16	3/8	1/2
#8	37/24	—	.18	.27	.42	.56	.70	.41	.48	.56	.60	—
#6	61/24	#6	.22	.31	.48	.81	1.07	.45	.48	.56	.62	—
#4	105/24	#4	.28	.38	.53	.81	1.05	.55			.62	—
#2	—	—	.31	.42	.57	.88	1.16	.60		.66		.75
#1	150/24	#2	.36	.47	.59	.88	1.36	.70				.75
1/0	225/24	#1	.39	.52	.66	.94	1.44	.76				.80
2/0	275/24	1/0	.45	.58	.72	.98	1.50	.85				
3/0	325/24	2/0	.51	.64	.83	1.14	1.50	.96				
4/0	450/24	3/0	.57	.71	.91	1.19	1.56	1.06				
250	550/24	4/0	.63	.77	1.03	1.25	1.61	1.17				

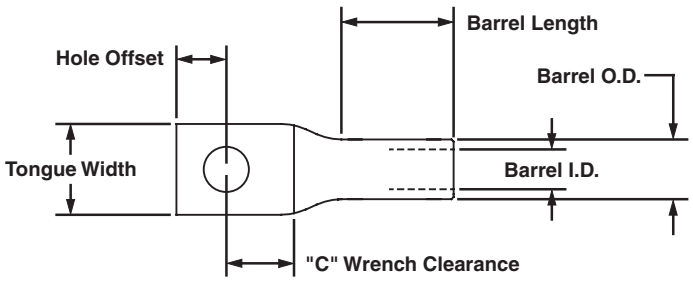


Chart "B"

Nominal Stud Size	Actual Hole Size	Minimum Hole Offset	Minimum "C" Wrench Size
#10	.20	.23	.31
1/4"	.27	.25	.38
5/16"	.34	.32	.38
3/8"	.41	.38	.44
1/2"	.53	.50	.56
5/8"	.69	.63	.69
3/4"	.81	.75	.75

Custom Lugs Preliminary Spec Sheet

Photocopy this form to place your order. This form is also available at *www.panduit.com/customlugs*.
Mail or fax the photocopy to receive drawings and quotation. Place your order through your local *PANDUIT* distributor.

1 CUSTOMER PROFILE

Company Name _____
Address _____ **City/State** _____
Your Name _____ **Phone Number** _____
Fax Number _____ **Quantity Required** _____ **Delivery Date** _____

2 CONDUCTOR

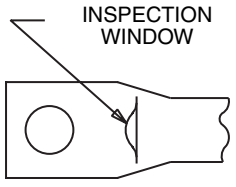
☐ #8 ☐ #6 ☐ #4
☐ #2 ☐ #1 ☐ 1/0
☐ 2/0 ☐ 3/0 ☐ 4/0
☐ 250 Kcmil ☐ Special

☐ Code
☐ Flex
Strands _____
Type _____

3 BARREL LENGTH

☐ SHORT
☐ STANDARD
☐ LONG
☐ SPECIAL

4 INSPECTION WINDOW



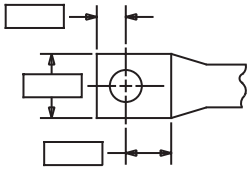
☐ YES ☐ NO

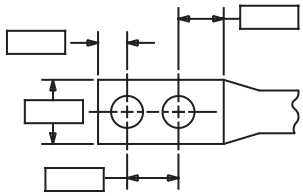
5 BARREL END TYPE

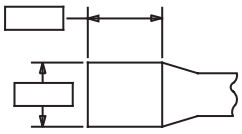
☐ STANDARD
☐ CORONA RELIEF
☐ FLARED

6 TONGUE SPECIFICATIONS (Standard Dimensions apply to boxes left blank – See Charts "A" & "B")

Stud Sizes
☐ #10 ☐ 1/4
☐ 5/16 ☐ 3/8
☐ 1/2
☐ Other


☐ One-Hole

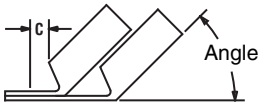

☐ Two-Hole


☐ Blank

7 STACKING LUG SELECTION (If not needed – proceed to Step 8)

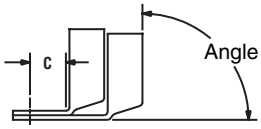
Lugs With 0° to 45° Angles

☐ Upper Bent _____ Angle



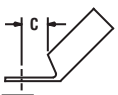
☐ Both
☐ Lower Bent _____ Angle

☐ Upper Bent _____ Angle

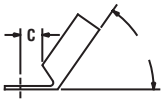


☐ Both
☐ Lower Bent _____ Angle

8 BENT LUG SELECTION (If not needed – proceed to Step 9)

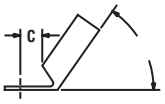


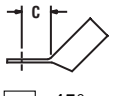
☐ 45°



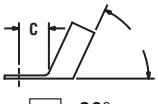
☐ 90°

☐ SPECIAL ANGLE _____



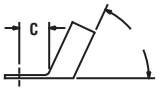


☐ 45°



☐ 90°

☐ SPECIAL ANGLE _____



9 SPECIAL OPTIONS FEATURES

☐ Part I.D. on Tongue ☐ *PANDUIT* P/N
Custom P/N: _____
☐ Heavy Wall Tube _____ I.D. _____ O.D.
☐ No Barrel Markings
☐ Special Plating (TIN STD): _____
☐ Special Packaging _____ PCS/BOX
☐ Other _____

10 MAILING/FAX DIRECTIONS

Fax to *PANDUIT* Corp.
PHONE: 888-506-5400 Ext. 2241 FAX: 815-485-5839 ATTN: Product Management

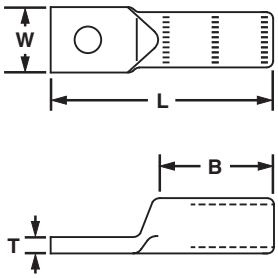
CONTACT FACTORY FOR MINIMUM ORDER

Code Conductor, One-Hole, Aluminum Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAA

- Manufactured from high conductivity thick wall wrought aluminum
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color coded end plug and *PANDUIT* and specified competitor die index numbers marked on barrel for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Aluminum or Copper Conductor Size	Stud Hole Size (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			W	B	T	L						
LAA6-14-X	#6 AWG	1/4	.55	.86	.11	2.20	Gray	P29	346	29	1	10
LAA6-56-X		5/16	.55	1.00	.11	2.20	Gray	P29	346	29	1	10
LAA4-14-X	#4 AWG	1/4	.66	1.05	.19	2.05	Green	P37	375	37	1 1/16	10
LAA4-56-X		5/16	.69	1.08	.16	2.23	Green	P37	375	37	1 1/16	10
LAA4-38-X		3/8	.69	.92	.16	2.33	Green	P37	375	37	1 1/16	10
LAA2-14-X	#2 AWG	1/4	.75	.98	.17	2.63	Pink	P42	348	42	1	10
LAA2-56-X		5/16	.75	.98	.17	2.63	Pink	P42	348	42	1	10
LAA2-38-X		3/8	.75	.98	.17	2.63	Pink	P42	348	42	1	10
LAA1-14-X	#1 AWG	1/4	.75	.98	.17	2.63	Gold	P45	471	45	1	10
LAA1-56-X		5/16	.75	.98	.17	2.63	Gold	P45	471	45	1	10
LAA1-38-X		3/8	.75	.98	.17	2.63	Gold	P45	471	45	1	10
LAA1/0-56-X	1/0 AWG	5/16	.88	1.30	.25	3.23	Tan	P50	296	50	1 9/16	10
LAA1/0-38-X		3/8	.88	1.30	.25	3.23	Tan	P50	296	50	1 9/16	10
LAA1/0-12-X		1/2	.88	1.30	.25	3.23	Tan	P50	296	50	1 9/16	10
LAA2/0-38-5	2/0 AWG	3/8	.95	1.31	.23	3.19	Olive	P54	297	54	1 9/16	5
LAA2/0-12-5		1/2	.95	1.30	.23	3.19	Olive	P54	297	54	1 9/16	5
LAA3/0-38-5	3/0 AWG	3/8	1.07	1.50	.25	3.44	Ruby	P60	467	60	1 9/16	5
LAA3/0-12-5		1/2	1.07	1.50	.25	3.44	Ruby	P60	467	60	1 9/16	5
LAA4/0-38-5	4/0 AWG	3/8	1.19	1.44	.32	3.56	White	P66	298	66	1 3/4	5
LAA4/0-12-5		1/2	1.19	1.44	.32	3.56	White	P66	298	66	1 3/4	5
LAA250-38-5	250 kcmil	3/8	1.24	1.56	.30	3.63	Red	P71	324	71	1 3/4	5
LAA250-12-5		1/2	1.24	1.56	.30	3.63	Red	P71	324	71	1 3/4	5
LAA300-38-2	300 kcmil	3/8	1.38	2.25	.34	4.05	Blue	P76	470	76	2 5/16	2
LAA300-12-2		1/2	1.38	2.25	.34	4.05	Blue	P76	470	76	2 5/16	2
LAA350-12-2	350 kcmil	1/2	1.50	2.25	.38	4.30	Brown	P87	299	87	2 5/16	2
LAA400-58-2	400 kcmil	5/8	1.63	2.50	.41	4.92	Green	P94	472	94	2 9/16	2
LAA500-12-2	500 kcmil	1/2	1.75	3.00	.44	5.56	Pink	P99	300	99	3 1/16	2
LAA500-58-2		5/8	1.75	3.00	.44	5.56	Pink	P99	300	99	3 1/16	2
LAA750-58-1	750 kcmil	5/8	1.75	3.38	.53	6.55	Red	P125	301	115	3 7/16	1
LAA1000-58-1	1000 kcmil	5/8	2.56	4.50	.61	7.38	Brown	P161	302	161	4 3/4	1

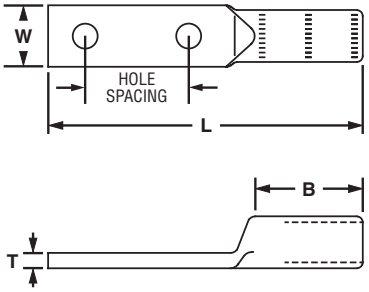
‡See pages D2.180, D2.181 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
See pages D2.122, D2.223 for *PANDUIT* joint compounds recommended for pad to pad and conductor connections.

Code Conductor, Two-Hole, Aluminum Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAB

- Manufactured from high conductivity thick wall wrought aluminum
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color coded end plug and *PANDUIT* and specified competitor die index numbers marked on barrel for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin plated to inhibit corrosion
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies
- Available with NEMA hole sizes and spacing



Part Number	Aluminum or Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
LAB1/0-38-X	1/0 AWG	3/8	1.75	.88	1.55	.25	5.33	Tan	P50	296	50	1 9/16	10
LAB2/0-12-5	2/0 AWG	1/2	1.75	.94	1.55	.25	5.55	Olive	P54	297	54	1 9/16	5
◆ **LAB3/0-12-5**	3/0 AWG	1/2	1.75	1.03	1.55	.27	5.55	Ruby	P60	467	60	1 9/16	5
LAB4/0-12-5	4/0 AWG	1/2	1.75	1.19	1.80	.31	5.98	White	P66	298	66	1 3/4	5
LAB250-12-5	250 kcmil	1/2	1.75	1.25	1.80	.31	6.05	Red	P71	324	71	1 3/4	5
LAB300-12-2	300 kcmil	1/2	1.75	1.36	2.30	.34	6.61	Blue	P76	470	76	2 5/16	2
LAB350-12-2	350 kcmil	1/2	1.75	1.50	2.30	.38	6.61	Brown	P87	299	87	2 5/16	2
LAB400-12-2	400 kcmil	1/2	1.75	1.66	2.55	.38	6.92	Green	P94	472	94	2 9/16	2
LAB500-12-2	500 kcmil	1/2	1.75	1.72	3.05	.44	7.36	Pink	P99	300	99	3 1/16	2
LAB600-12-2	600 kcmil	1/2	1.75	1.72	3.05	.50	7.55	Black	P106	473	106	3 1/16	2
LAB750-12-1	750 kcmil	1/2	1.75	1.72	3.42	.56	8.30	Red	P125	301	115	3 7/16	1
LAB800-12-1	800 kcmil	1/2	1.75	1.72	3.42	.59	8.30	Gray	P140	474	125	3 7/16	1
LAB1000-12-1	1000 kcmil	1/2	1.75	2.56	4.67	.63	9.67	Brown	P161	302	161	4 3/4	1

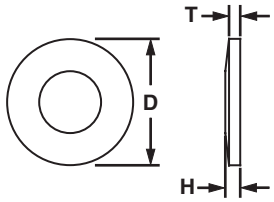
‡See pages D2.180, D2.181 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
See pages D2.122, D2.223 for *PANDUIT* joint compounds recommended for pad to pad and conductor connections.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Belleville Compression Washers

Type CW

- Conical spring washer for use when assembling aluminum connectors to copper and/or steel pads, compensates for differing rates of thermal expansion to keep hardware assembly from loosening
- For assembly information, see page D2.239
- Made from hardened steel to provide high strength
- Cadmium plated to inhibit corrosion



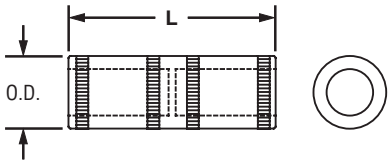
Part Number	Stud Hole Size (In.)	Figure Dimensions (In.)			Std. Pkg. Qty.
		D	H	T	
CW-14-L	1/4	.68	.09	.05	50
CW-56-L	5/16	.81	.08	.06	50
CW-38-L	3/8	.93	.10	.07	50
CW-12-Q	1/2	1.18	.12	.09	25
CW-58-Q	5/8	1.49	.15	.12	25

Code Conductor, Aluminum Splice

For Use with Stranded Aluminum-to-Aluminum or Copper-to-Copper Conductors

Type SA

- Manufactured from high conductivity thick wall wrought aluminum
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color coded end plugs and *PANDUIT* and specified competitor die index numbers marked on barrel for proper crimp die selection
- Tin plated to inhibit corrosion
- Internal solid center prevents over-insertion of conductor
- UL Listed and CSA Certified to 35KV** and temperature rated to 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Aluminum or Copper Conductor Size	Figure Dimensions (In.)		*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
		Barrel O.D.	L						
SA6-X	#6 AWG	.34	1.62	Gray	P29	346	29	3/4	10
SA4-X	#4 AWG	.48	2.13	Green	P37	375	37	7/8	10
SA2-X	#2 AWG	.53	2.00	Pink	P42	348	45	7/16	10
SA1-X	#1 AWG	.53	2.00	Gold	P45	471	45	7/16	10
SA1/0-X	1/0 AWG	.64	2.12	Tan	P50	296	50	1	10
SA2/0-5	2/0 AWG	.69	2.31	Olive	P54	297	54	1 1/8	5
SA3/0-5	3/0 AWG	.76	2.62	Ruby	P60	467	60	1 1/4	5
SA4/0-5	4/0 AWG	.88	2.75	White	P66	298	66	1 5/16	5
SA250-5	250 kcmil	.91	2.94	Red	P71	324	71	1 7/16	5
SA300-2	300 kcmil	1.01	3.12	Blue	P76	470	76	1 1/2	2
SA350-2	350 kcmil	1.12	3.37	Brown	P87	299	87	1 5/8	2
SA400-2	400 kcmil	1.19	3.75	Green	P94	472	94	1 13/16	2
SA500-2	500 kcmil	1.32	3.87	Pink	P99	300	99	1 7/8	2
SA600-2	600 kcmil	1.44	4.12	Black	P106	473	106	2	2
SA750-1	750 kcmil	1.60	4.62	Red	P125	301	115	2 1/4	1
SA800-1	800 kcmil	1.66	4.75	Gray	P140	474	125	2 5/16	1
SA1000-1	1000 kcmil	1.84	5.25	Brown	P161	302	161	2 9/16	1

‡See pages D2.180, D2.181 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
See pages D2.122, D2.223 for *PANDUIT* joint compounds recommended for pad to pad and conductor connections.

Order number of pieces required, in multiples of Standard Package Quantity.

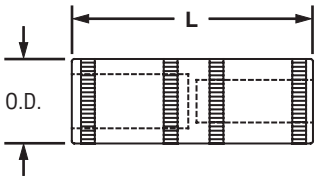
Prime items appear in **BOLD**.

Code Conductor, Aluminum, Reducing Splice

For Reducing Stranded Aluminum-to-Aluminum or Aluminum-to-Copper Conductors

Type SAR

- Dual rated for use with aluminum or copper conductors
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color coded end plug and *PANDUIT* and specified competitor die index numbers marked on barrel for proper crimp die selection
- Tin plated to inhibit corrosion
- For use up to 35KV** and temperature rated 90°C when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Aluminum Conductor Size From	Aluminum or Copper Conductor Size To	Figure Dimensions (In.)		*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			Barrel O.D.	L						
SAR2-4-X	#2 AWG	#4 AWG	.64	4.25	Tan	P50	296	50	2 1/16	10
SAR1/0-2-X	1/0 AWG	#2 AWG	.64	4.25	Tan	P50	296	50	2 1/16	10
SAR3/0-1/0-5	3/0 AWG	1/0 AWG	.91	4.98	Red	P71	324	71	2 5/16	5
SAR4/0-2/0-5	4/0 AWG	2/0 AWG	.91	5.24	Red	P71	324	71	2 3/16	5
SAR350-4/0-2	350 kcmil	4/0 AWG	1.12	6.63	Brown	P87	299	87	3 3/16	2
SAR500-350-2	500 kcmil	350 kcmil	1.32	8.60	Pink	P99	300	99	4 1/4	2
SAR600-500-2	600 kcmil	500 kcmil	1.49	9.25	Black	P106	473	106	4	2
SAR750-600-2	750 kcmil	600 kcmil	1.60	9.88	Red	P125	301	115	4 7/16	2

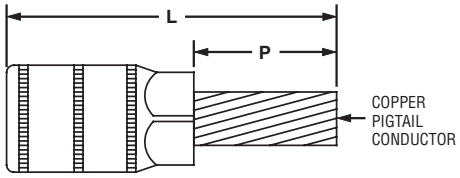
‡See pages D2.182, D2.183 for tool and die information.
**Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
See pages D2.122, D2.223 for *PANDUIT* joint compounds recommended for pad to pad and conductor connections.

Code Conductor, Aluminum, Bi-Metallic Pin Connector

Provides Copper Pigtail for Connecting Aluminum Conductors to a Copper or Aluminum/Copper Rated Mechanical Lug

Type BPC

- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color coded end plug and *PANDUIT* die index number marked on barrel for proper crimp die selection
- Insulating rubber sleeve included to insulate aluminum barrel from contact with copper connector when attached to pin
- Tin plated to inhibit corrosion
- UL Listed per UL 486B; temperature rated 90°C and for use up to 600V when crimped with *PANDUIT* and specified competitor crimping tools and dies



Part Number	Aluminum Conductor Size	Copper Pigtail Size	Figure Dimensions (In.)		*PANDUIT* Color Code	*PANDUIT* Die Index No.‡	Burndy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
			L	P						
BPC6-L	#6 AWG	#8 AWG	2.45	.88	Tan	P50	296	50	1 1/16	50
BPC4-L	#4 AWG	#6 AWG	2.45	.88	Tan	P50	296	50	1 1/16	50
BPC2-L	#2 AWG	#4 AWG	2.45	.88	Tan	P50	296	50	1 1/16	50
BPC1-X	#1 AWG	#3 AWG	2.58	1.00	Tan	P50	296	50	1 1/16	10
BPC1/0-X	1/0 AWG	#2 AWG	3.33	1.25	Red	P71	298	76	1 5/16	10
BPC2/0-X	2/0 AWG	#1 AWG	3.33	1.25	Red	P71	298	76	1 5/16	10
BPC3/0-X	3/0 AWG	1/0 AWG	3.46	1.38	Red	P71	298	76	1 5/16	10
BPC4/0-X	4/0 AWG	2/0 AWG	3.46	1.38	Red	P71	298	76	1 5/16	10
BPC250-X	250 kcmil	3/0 AWG	3.71	1.50	Green	P94	299	99,87	1 7/16	10
BPC300-X	300 kcmil	4/0 AWG	4.10	1.63	Green	P94	299	99,87	1 7/16	10
BPC350-X	350 kcmil	4/0 AWG	4.10	1.63	Green	P94	299	99,87	1 7/16	10
BPC400-X	400 kcmil	250 kcmil	4.35	1.88	Black	P106	300	106	1 7/16	10
BPC500-X	500 kcmil	350 kcmil	4.35	1.88	Black	P106	300	106	1 7/16	10
BPC600-6	600 kcmil	350 kcmil	4.77	1.88	Red	P125	936	115	1 15/16	6
BPC750-6	750 kcmil	500 kcmil	4.90	2.00	Red	P125	936	115	1 15/16	6

‡See pages D2.184, D2.185 for tool and die information.
See pages D2.122, D2.223 for *PANDUIT* joint compounds recommended for pad to pad and conductor connections.

Order number of pieces required, in multiples of Standard Package Quantity.

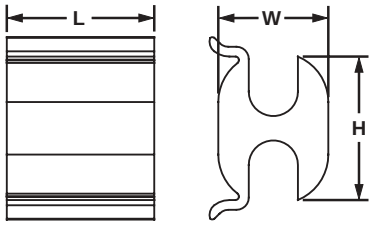
Prime items appear in **BOLD**.

Code Conductor, Aluminum HTAP

For Combinations of Aluminum-to-Aluminum or Aluminum-to-Copper Code Conductors

Type HTAP

- Dual rated – used to tap into continuous runs of aluminum conductor with either aluminum or copper tap conductor
- Factory pre-filled with joint compound to inhibit corrosion
- Conductor range for each tap groove and die index number marked on barrel to identify proper conductor size and crimping die to be used
- Made from high conductivity, high strength aluminum to provide premium mechanical and electrical performance
- For use up to 600V and 90°C temperature rated when crimped with *PANDUIT* crimping tools and dies



Part Number	Conductor Size		Figure Dimensions (In.)			*PANDUIT* Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Run	Tap	L	W	H			
HTAP2-8-L	#2 – #6 AWG STR or #1 – #6 AWG SOL	#8 – #14 AWG STR or #7 – #14 AWG SOL	.75	.56	.73	P50	7/8	50
HTAP1-1-Q	#1 – #6 AWG STR or #2 – #6 AWG SOL	#1 – #6 AWG STR or #2 – #6 AWG SOL	1.50	.70	1.10	P0	1 5/8	25
HTAP1/0-1-Q	1/0 – #6 AWG STR or #2 – #6 AWG SOL	#1 – #6 AWG STR or #2 – #6 AWG SOL	1.50	.70	1.17	P0	1 5/8	25
HTAP2/0-1-Q	2/0 – #2 AWG STR or #2 AWG SOL	#1 – #6 AWG STR or #2 – #6 AWG SOL	1.50	.70	1.17	P0	1 5/8	25
HTAP3/0-1-Q	3/0 – 1/0 AWG STR or 4/0 – 3/0 AWG SOL	#1 – #6 AWG STR or #2 – #6 AWG SOL	1.50	.88	1.39	PD or PD3	1 5/8	25
HTAP3/0-3/0-Q	3/0 – 1/0 AWG STR or 4/0 – 3/0 AWG SOL	3/0 – 1/0 AWG STR or 4/0 – 3/0 AWG SOL	1.88	.90	1.48	PD or PD3	2	25
HTAP4/0-2-Q	4/0 – 3/0 AWG STR	#1 – #6 AWG STR or #2 – #6 AWG SOL	1.50	.88	1.38	PD or PD3	1 5/8	25
HTAP4/0-3/0-Q	4/0 – 3/0 AWG STR	3/0 – #1 AWG STR	2.25	.90	1.44	PD or PD3	2 3/8	25
HTAP4/0-4/0-Q	4/0 – 3/0 AWG STR	4/0 – 3/0 AWG STR	2.50	.90	1.38	PD or PD3	2 5/8	25
HTAP500-500-X	500 kcmil – 4/0 AWG STR	500 kcmil – 4/0 AWG STR	4.50	1.20	1.88	PN	4 5/8	10
HTAP500-4/0-X	500 kcmil – 4/0 AWG STR	4/0 – 1/0 AWG STR	2.75	1.20	1.88	PN	2 7/8	10

‡See page D2.186 for tool and die information.
See page D2.108 for Type TAPC HTAP covers.
See pages D2.122, D2.223 for *PANDUIT* joint compounds recommended for pad to pad and conductor connections.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Joint Compounds

Type CMP

- Oxide inhibitor for compression conductor connections made with aluminum compression connectors lowers electrical contact resistance of compression joint while sealing out air and moisture to prevent the formation of surface oxides
- Wide operating temperature range; can be used in a wide range of electrical and environmental conditions
- Non-toxic
- Non-flammable
- Packaged in convenient 8 oz. dispenser bottles

Part Number	Part Description	Std. Pkg. Qty.
CMP-100-1	Contact aid for pad-to-pad or thread-to-thread aluminum connections. Operating temperature range -60°F (-51°C) to 400°F (204°C). Maintains low electrical resistance and seals out air and moisture to prevent the formation of surface oxides.	1
CMP-200-1	Contact aid for cable connections with compression connections made on aluminum conductor. Operating temperature range -40°F (-40°C) to 400°F (204°C). Lowers contact resistance of compression joint and seals out moisture and air to prevent the formation of surface oxides. Compatible with all insulating materials.	1

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Compression Connector Crimping Tools

PANDUIT offers a wide range of tools to provide solutions for installing compression lugs and splices. *PANDUIT* installation tools provide quality performance, ease of installation and lowest installed cost. The long-term reliability of *PANDUIT* installation tools provides the highest level of service to meet and surpass customer requirements.

- **Ergonomic design to minimize operator effort**
- **Controlled cycle mechanisms ensuring reliability and repeatability in every crimp made**
- **Crimping dies are color coded to easily match the compression connector to the proper die**
- **UL Listed and CSA Certified terminations with *PANDUIT* compression connectors, as noted**

PANDUIT compression connector crimping tools are available in an assortment of styles including manually operated mechanical and hydraulic, battery operated hydraulic and AC powered hydraulic to meet a variety of installation needs. *Uni-Die*™ Dieless Crimping Tools crimp a variety of sizes and eliminate the need to purchase crimping dies. Fully self-contained battery powered crimping tools provide the ease of push button crimping.

Crimping Guidelines for *PANDUIT*® *PAN-LUG*™ Compression Lugs and Splices

1. Select the proper *PANDUIT* compression connector for the conductor type and size being used.

- *PANDUIT* compression connectors are identified with the proper conductor size and conductor type marked on the tongue or barrel of the connector
- The proper conductor size and type to be used with each connector can also be found in the installation instructions included with *PANDUIT* product packaging and in the tool charts* in this catalog.

Tool Chart for Compres
Types LCB, LCC and SCL

PANDUIT PART NUMBER LUG SPLICE	STUD WIRE SIZE	WIRE RANGE-TAKING with Un-Ox TOOLS (see note)	WIRE STRIP LENGTH (in.)	CT-1700
LC8, LCC8 SCL8	8 AWG	—	3/4 1-1/16	RED P21 (3)
LC6, LCC6 SCL6	6 AWG	—	1-1/4 1-1/8	BLUE P24 (3)
LC4, LCC4, LCC4-12*** SCL4	2 AWG SOL 6-3 AWG STR	4 AWG	1-1/8 1-1/8	GRAY P29 (3)
LC2, LCC2 SCL2	2 AWG	6-2 AWG	1-1/4 1-1/4	BROWN P33 (3)
LC1, LCC1 SCL1	1 AWG	6-1 AWG	1-7/16 1-3/8	GREEN P37 (3)
LC1/0, LCC1/0 SCL1/0	1/0 AWG	6-1/0 AWG	1-1/2 1-3/8	—
LC2/0, LCC2/0 SCL2/0	2/0 AWG	4-2/0 AWG	1-5/8 1-1/2	—
LC3/0, LCC3/0 SCL3/0	3/0 AWG	2-3/0 AWG	1-9/16 1-1/2	—

2. Strip the conductor to the proper strip length. As specified:

- On the *PANDUIT* product packaging label or
- On the installation instruction sheet included with *PANDUIT* product packaging or
- In the tool charts* in this catalog

Make sure the conductor is not stripped too long, which would result in exposed wire between the barrel of the connector and the cable insulation.

Make sure the conductor is not stripped too short, which would result in a less than complete contact area with the connector when the conductor is inserted in the barrel.

Do not nick or cut strands of conductor during crimping, which would result in a less than premium conductor termination.

Make sure conductor strands are free from corrosion.

3. Select the proper crimping die and crimping tool to be used with the connector.

Use crimping tools and dies that provide a UL Listed and/or CSA Certified electrical termination, to assure a safe and reliable connection.

Many *PANDUIT* compression connectors are UL Listed and CSA Certified when crimped with *PANDUIT* and specified competitor crimping tools and dies. These tools and dies are listed in the tool charts* in this catalog. *PANDUIT* crimping tools and dies to be used with each connector are also listed on the installation instructions included with *PANDUIT* product packaging.

PANDUIT compression connectors are color coded and marked with *PANDUIT* and specified competitor die index numbers. Select the proper crimping die to be used by matching the color code and die index number marked on the connector to the same markings on the crimping die.

4. Crimp the connector.

Insert the conductor into the barrel of the connector. The conductor should stop against the end of the barrel of the lug, or wire stop in the butt splice, upon complete insertion of the conductor in the barrel. Some lugs are offered with inspection windows that provide visual inspection of the complete conductor insertion.

Review the installation instructions included with the *PANDUIT* product packaging or the tool charts* for the proper number of crimps to be placed in the connector. Make the first crimp in the barrel nearest the tongue of the lug, or wire stop in a butt splice, and make successive crimps in the barrel working towards the conductor entry at the end of the barrel. Use the color coded or knurled band markings on the barrel of the connector to evenly space the placement of the crimps in the barrel.

ACK P45 (3)	STD (2)	BLACK P45 (3)
ANGE P50 (3)	STD (2)	ORANGE P50 (3)
RPLE P54 (3)	STD (2)	PURPLE P54 (3)
LOW P62 (3)	STD (3)	YELLOW P62 (3)
HITE P66 (3)	STD (3)	WHITE P66 (3)
ED P71 (3)	STD (3)	RED P71 (3)
	STD	

When properly crimped, the die index number engraved in the crimping die will be embossed into the barrel of the connector. The crimp should be placed in the connector so the die index number can be easily read when the connector is installed.

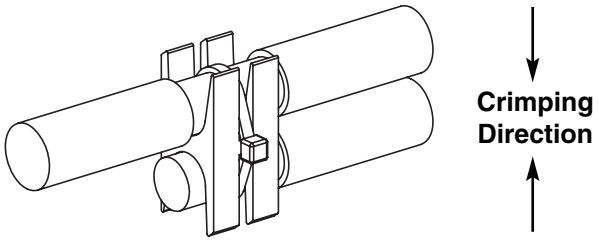
*See tool charts on pages D2.148 – D2.186

Crimping Guidelines for *PANDUIT*® *PAN-LUG*™ Copper HTAP and Clear Cover System

HTAP Installation

1. Locate desired position of HTAP along main wire run. Allow clearance for tap wires and cover installation. (See clear cover table on page D2.111.)
2. Strip insulation from wires to the length shown in the HTAP table on pages D2.110 – D2.111. Use care to avoid damaging the conductors.
3. Position wires in the appropriate tap grooves.
4. For easier installation, apply one of the flame retardant cable ties (provided) around the wires and through the slots in the HTAP. **The head of the cable tie *must* be positioned along the side of the HTAP as shown in Figure A.** Tension and cut off excess length of tie. Additional cable ties may be used adjacent to the HTAP to secure the wires.

Figure A



5. Install the correct dies (see pages D2.142 – D2.143) into the crimping tool. **NOTE: The color code and die index number shown on the HTAP and crimping dies *must* match.**
6. Position the HTAP in the crimping tool so that the entire HTAP will be compressed by the crimping surfaces of the dies in the proper direction. Crimp the connector.
7. After crimping, if desired, cut off the cable tie head or remove the entire cable tie. **NOTE: In some cases, the cable tie head must be cut off in order for the crimped connector to fit inside the insulating cover.**

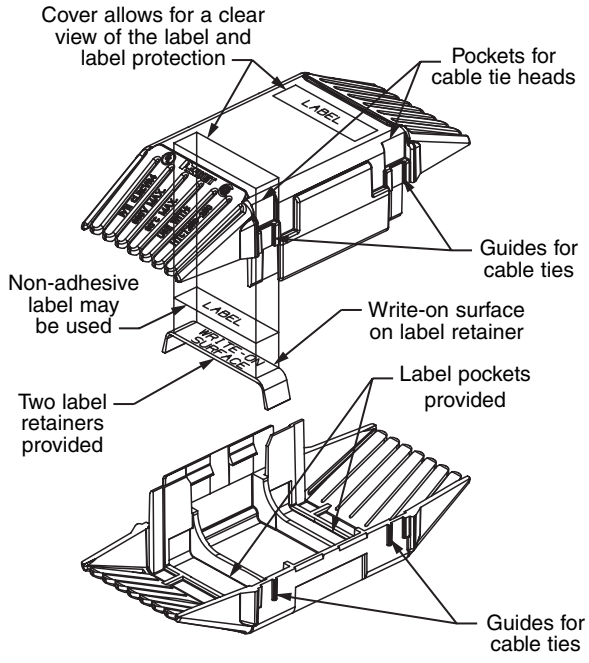
Cover Installation

1. If labels are being utilized, cut labels to the dimensions shown below. **NOTE: When using a *PANDUIT* LS7 printer, the length dimensions can be easily programmed to provide cutoff marks.**
2. Position the label(s) in the pockets inside the cover and snap in the label retainer(s) as shown in Figure B. Information can be marked on the matte finish label retainers in lieu of using a separate label.
3. Position one cover half around the crimped connector assembly. Align the second cover half with the first and snap together.
4. Install the two flame retardant cable ties (provided) in the grooved areas on the cover. Tension and cut off excess lengths of ties.

Label Size Information

Clear Cover Part Number	Label Height (Max.)	Label Length (Wrap Around Style)	Label Length (Flat Style)
CLRCVR1-1	.38	1.56	1.00
CLRCVR2-1	.38	1.87	1.25
CLRCVR3-1	.38	2.37	1.75
CLRCVR5-1	.38	3.37	2.06
CLRCVR6-1	.38	4.31	2.94

Figure B



NOTE: Configuration of cover may differ slightly from illustration.

Selection Guide – Compression Connector Tools

Tool Selection Guide for Crimping *PANDUIT* Copper Compression Lugs and Splices for use with Copper Code Conductor

Conductor Type	Connector Type	Tool Type	Copper Conductor Range																					
			#14 AWG	#12 AWG	#10 AWG	#8 AWG	#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	300 kcmil	350 kcmil	400 kcmil	500 kcmil	600 kcmil	750 kcmil	800 kcmil	1000 kcmil
Copper Code Conductor	LCAS, LCA, LCAN, LCB, LCB-W, LCBH, LCD, LCDN, LCC, LCC-W, LCCN, LCCH, SCSS, SCS, SCL, SCH, SCT, PS, RSC	Manual Crimping Tools	CT-100 (Pg. D1.71)																					
			CT-200 (Pg. D1.71)																					
			CT-1570 (Pg. D1.72)																					
			CT-1701 (Pg. D1.72)																					
						CT-1700* (Pg. D1.72)																		
						CT-720 (Pg. D1.74, D2.129)																		
		Manual Hydraulic Crimping Tools				CT-930 (Pg. D2.131)																		
								CT-980 *UNI-DIE*™ (Pg. D2.144)																
		Battery Powered Hydraulic Crimping Tools				CT-2001 (Pg. D2.132)																		
						CT-2002 (Pg. D2.133)																		
						CT-2931 (Pg. D2.135)																		
						CT-2940 (Pg. D2.136)																		
								CT-2981 *UNI-DIE*™ (Pg. D2.145)																
		Remote Crimp Heads				CT-930CH (Pg. D2.137)																		
						CT-930LPCH (Pg. D2.140)																		
						CT-940CH (Pg. D2.138)																		
								CT-980CH *UNI-DIE*™ (Pg. D2.146)																
								CT-980LPCH *UNI-DIE*™ (Pg. D2.146)																

See tool charts on pages D2.48 – D2.186 for selection of crimping dies and number of crimps used with specific tool and connector combinations.
*CT-1700 is not used for PS splices.

Selection Guide – Compression Connector Tools (continued)

Tool Selection Guide for Crimping *PANDUIT* Copper Compression Lugs and Splices for use with Copper Flex Conductor

Conductor Type	Connector Type	Tool Type	Copper Conductor Range																								
			#8 AWG	#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	262 kcmil	300 kcmil	313 kcmil	350 kcmil	373 kcmil	400 kcmil	450 kcmil	500 kcmil	535 kcmil	600 kcmil	646 kcmil	750 kcmil	777 kcmil
Copper Code and Flex Conductor	LCAX LCAXN LCBX LCDX LCDXN LCCX Maximum Code Conductor Size 4/0 AWG	Manual Crimping Tool	CT-1700 (Pg. D1.72)																								
		Manual Hydraulic Crimping Tool	CT-930 (Pg. D2.131)																								
		Battery Powered Hydraulic Crimping Tools	CT-2001 (Pg. D2.132)																								
			CT-2002 (Pg. D2.133)																								
			CT-2931 (Pg. D2.135)																								
			CT-2940 (Pg. D2.136)																								
		Remote Crimp Heads	CT-930CH (Pg. D2.137)																								
			CT-940CH (Pg. D2.138)																								
Copper Flex Conductor	LCAF LCCF SCSF RSC	Manual Hydraulic Crimping Tool	CT-930 (Pg. D2.131)																								
		Battery Powered Hydraulic Crimping Tools	CT-2931 (Pg. D2.135)																								
			CT-2940 (Pg. D2.136)																								
		Remote Crimp Heads	CT-930CH (Pg. D2.137)																								
			CT-940CH (Pg. D2.138)																								

See tool charts on pages D2.148 – D2.186 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Selection guide continues on page D2.128

Selection Guide – Compression Connector Tools (continued)

Tool Selection Guide for Crimping *PANDUIT* Aluminum Compression Lugs and Splices for use with Copper or Aluminum Code Conductor

Conductor Type	Connector Type	Tool Type	Copper or Aluminum Conductor Range																
			#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	300 kcmil	350 kcmil	400 kcmil	500 kcmil	600 kcmil	750 kcmil	800 kcmil	1000 kcmil
Copper or Aluminum Code Conductor	LAA LAB SA	Manual Crimping Tools	CT-1700 (Pg. D1.72)																
			CT-720 (Pg. D1.74,D2.129)																
		Manual Hydraulic Crimping Tool	CT-930 (Pg. D2.131)																
		Battery Powered Hydraulic Crimping Tools	CT-2931 (Pg. D2.135)																
			CT-2940 (Pg. D2.136)																
		Remote Crimp Heads	CT-930CH (Pg. D2.137)																
			CT-940CH (Pg. D2.138)																

See tool charts on pages D2.148 – D2.186 for selection of crimping dies and number of crimps used with specific tool and connector combinations.

Die Type, Manual, Crimping Tool

- High quality, durable tool construction provides long term dependability
- Develops 6 tons of crimping force, crimps copper compression lugs and splices up to 500 kcmil
- Provides UL Listed and CSA Certified connections on *PANDUIT* copper and aluminum lugs and splices and insulated terminals
- Cushioned grips prevent hands from slipping on tool and reduce fatigue
- Uses single retention screw for fast and easy die change-over
- Uses color coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels to provide post crimp inspection
- Available with or without controlled cycle feature to meet specific applications

Part Number	Part Description	Std. Pkg. Qty.
CT-720	Manual crimping tool for UL Listed or Recognized and CSA Certified terminations of *PANDUIT*® *PAN-LUG*™ copper compression lugs and splices for #8 AWG – 500 kcmil copper code conductor and aluminum compression lugs and splices for #6 AWG – 350 kcmil copper and aluminum code conductors. Provides UL Listed terminations of *PANDUIT*® *PAN-TERM*® #8 – #2 AWG vinyl insulated terminals. Color coded CD-720 crimping dies, carrying/storage case and controlled cycle mechanism must be purchased separately. Specifications: Output: 6 tons Weight: 7.7 lbs. Length: 26" Handle span: 58" (open), 2.5" (closed) Warranty: 90 days	1
CC-720	Optional controlled cycle mechanism only. Total weight of tool with CC-720 is 8.25 lbs.	1
C-720	Steel carrying case for CT-720 crimping tool.	1

CD-720 Crimping Dies

- Color coded for easy matching to color coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection except CD-720PV8-2
- Part number permanently marked on crimping die for easy identification
- Provides 5-sided crimp results in terminations with premium electrical and mechanical performance

Part Number	Used to Install *PANDUIT* Compression Lug & Splice Sizes				Std. Pkg. Qty.
	Copper Conductor Size	Copper Die Color & Die No.	Aluminum Conductor Size	Aluminum Die Color & Die No.	
CD-720-1	#8 – #2 AWG	Red P21, Blue P24, Gray P29, Brown P33	#6 AWG	Gray P29	1
CD-720-2	#1 – 3/0 AWG	Green P37, Pink P42, Black P45, Orange P50	#4 – 1/0 AWG	Green P37, Pink P42, Gold P45, Tan P50	1
CD-720-3	4/0 AWG – 250 kcmil	Purple P54, Yellow P62	2/0 – 3/0 AWG	Olive P54, Ruby P62	1
CD-720-4	300 kcmil	White P66	4/0 AWG	White P66	1
CD-720-5	350 kcmil	Red P71	250 kcmil	Red P71	1
CD-720-6	400 kcmil	Blue P76	300 kcmil	Blue P76	1
CD-720-7	500 kcmil	Brown P87	350 kcmil	Brown P87	1
CD-720PV8-2	#8 – #2 AWG, vinyl insulated *PAN-TERM*® Terminals	Red, Blue, Yellow	—	—	1

See pages D2.148 – D2.186 for connector and tool selection information.

Die Type, Manual, Crimping Tool and Die Kits

- Available with or without controlled cycle feature to meet specific applications
- Kits available with three or full set of seven dies for crimping partial or full range of connector sizes

Part Number	Part Description	Std. Pkg. Qty.
CT-720-7	Basic tool kit with seven dies. Includes: • Seven dies (CD-720-1 through CD-720-7) for installing #8 AWG – 500 kcmil copper compression connectors • Carrying/storage case (C-720)	1
CT-720-7CC	Controlled cycle tool kit with seven dies. Controlled cycle mechanism factory installed on crimping tool. Includes: • Seven dies (CD-720-1 through CD-720-7) for installing #8 AWG – 500 kcmil copper compression connectors • Carrying/storage case (C-720)	1
CT-720-3	Basic tool kit with three dies. Includes: • Three dies (CD-720-1 through CD-720-3) for installing #8 AWG – 250 kcmil copper compression connectors • Carrying/storage case (C-720)	1
CT-720-3CC	Controlled cycle tool kit with three dies. Controlled cycle mechanism factory installed on crimping tool. Includes: • Three dies (CD-720-1 through CD-720-3) for installing #8 AWG – 250 kcmil copper compression connectors • Carrying/storage case (C-720)	1

Cable Stripping Tool for Large Cable Sizes

- Provides safe and easy stripping of cable insulation for cables 3/16" to 1 9/16" diameter
- Cutting blade provides circular, spiral and in-line insulation cutting
- Spiral cut mode, tough/hard insulations peel off easily
- In-line cut mode for use with softer insulation like neoprene
- Unique blade profile for long life, low friction stripping of difficult insulations like rubber and silicon
- Cutting blade easily adjusts to proper height to cut insulation without nicking conductor strands
- Ergonomic shape for safe comfortable use
- Compact design
- Easy-fit replacement blade, one spare blade included with tool

CST114-157

Part Number	Wire Range (O.D.)	Part Description	Std. Pkg. Qty.
CST114-157	.18" – 1.57"	Cable stripping tool for stripping insulation from cables 3/16" to 1 9/16" diameter. Includes replacement cutting blade. Warranty: 90 days	1

Cable Stripping Tools for Small Cable Sizes

- Lightweight and durable
- Spring loaded handles
- Rust resistant coating
- Plastic coated handles
- Bright colored for ease of visibility

CST101

CST115

Part Number	Wire Range (O.D.)	Part Description	Std. Pkg. Qty.
CST101	#20 – #10 AWG	V notch wire stripper.	1
CST115	#20 – #10 AWG	Plier nose wire stripper.	1

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Die Type, Manual Hydraulic, 14 Ton, Crimping Tool

- Develops 14 tons of crimping force, crimps copper compression lugs and splices up to 750 kcmil
- Two-stage rapid advance hydraulic system minimizes number of pumps required to complete a crimp, saves time
- High quality, durable tool construction provides long-term dependability
- Cushioned grip prevents hands from slipping on tool, reduces fatigue
- Provides UL Listed and CSA Certified connections on *PANDUIT*® *PAN-LUG*™ copper and aluminum lugs and splices and copper taps
- Open "C-Head" design allows easy loading of crimping dies and connectors, saves time
- Uses color coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels to provide post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools
- Rubber boot on crimp head provides abrasion protection
- Audible "pop-off" valve indicates crimp completion
- Crimp head rotates 180 degrees, provides versatility for use in restricted spaces

Part Number	Part Description	Std. Pkg. Qty.
CT-930	Terminates *PANDUIT*® *PAN-LUG*™ Compression Connectors: • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs and splices for #8 AWG – 600 kcmil flex conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor • Aluminum compression HTAPs for #14 AWG – 500 kcmil code conductor • *PANDUIT*® *PAN-TERM*® Tubular Terminals for #8 AWG – 250 kcmil code conductor Specifications: Output: 14 tons Jaw opening: 1.65" Weight: 16.5 lbs. Length: 25" Handle span: 17 1/2" (open), 6" (closed) Warranty: 5 years CT-930 includes: • Tool • Plastic tool case with die storage	1

Uses CD-920 and CD-930 color coded crimping dies. Dies must be purchased separately, see page D2.142.
CG-920 crimp force measurement gauge available, sold separately see page D2.147.

Die Type, Battery Powered Hydraulic, 6 Ton, Crimping Tool with Closed Head

- Battery powered, provides fingertip operation
- Self-contained unit, completely portable
- Lightweight and ergonomically balanced for easy operation without fatigue
- Develops 6 tons of crimping force, crimps copper compression lugs and splices up to 500 kcmil
- Provides UL Listed and CSA Certified connections on *PANDUIT*® *PAN-LUG*™ copper lugs, splices and taps
- Audible "pop-off" valve indicates crimp completion
- Tool provided with two, NiCd rechargeable batteries and battery charger to allow for continuous operation
- High productivity, up to 80 crimps on 500 kcmil copper lugs and splices on a single battery charge
- Six to eight second crimp cycle time provides quick terminations, saves time
- Battery charger charges expended batteries completely in 25 minutes
- Battery charger includes battery reconditioner feature which prevents battery memory build-up and provides over 1,000 battery recharge cycles resulting in long life
- Uses color coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels to provide post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools
- Crimp head rotates 180 degrees to provide versatility for use in restricted spaces

Part Number	Part Description	Std. Pkg. Qty.
CT-2001	Terminates *PANDUIT*® *PAN-LUG*™ Compression Connectors: • Copper compression lugs and splices for #8 AWG – 500 kcmil code conductor • Copper compression lugs for #8 AWG – 350 kcmil flex conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – #2 AWG code conductor • Aluminum compression lugs and splices for #6 AWG – 300 kcmil code conductor (not UL or CSA) • Aluminum compression HTAPs for #14 – 4/0 AWG code conductor (not UL or CSA) • *PANDUIT*® *PAN-TERM*® Tubular Terminals for #8 AWG – 250 kcmil code conductor Specifications: Output: 6 tons Jaw opening: 1.8" Weight: 8.5 lbs. with battery Length: 13" Height: 12" Width: 3" Warranty: 3 years on tool, 5 years on batteries CT-2001 includes: • Tool • Two CT-NLBC25, 14.4 VDC rechargeable batteries (non-LED) • One CT-CHR25 battery charger • One shoulder strap • Plastic tool case with storage for batteries, charger, shoulder strap and crimping dies • Tool incorporates D3 die pocket (included with tool)	1

Uses color coded CD-2001 crimping dies. Dies must be purchased separately, see page D2.134.
For battery charger and battery accessories, see page D2.147.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Die Type, Battery Powered Hydraulic, 6 Ton, Crimping Tool with Open "C-Head"

- Battery powered, provides fingertip operation
- Self-contained unit, completely portable
- Lightweight and ergonomically balanced for easy operation without fatigue
- Develops 6 tons of crimping force, crimps copper compression lugs and splices up to 500 kcmil
- Provides UL Listed and CSA Certified connections on *PANDUIT*® *PAN-LUG*™ copper lugs, splices and taps
- Open "C-Head" design allows easy loading of crimping dies and connectors, saves time
- Rubber boot on crimp head provides abrasion protection
- Audible "pop-off" valve indicates crimp completion
- Tool provided with two, NiCd rechargeable batteries and battery charger to allow for continuous operation
- High productivity, up to 80 crimps on 500 kcmil copper lugs and splices on a single battery charge
- Six to eight second crimp cycle time provides quick terminations, saves time
- Battery charger charges expended batteries completely in 25 minutes
- Batteries include LED battery charge indicators for visual indication of current battery charge
- Battery charger includes battery reconditioner feature which prevents battery memory build-up and provides over 1,000 battery recharge cycles resulting in long life
- Uses color coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels to provide post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools
- Crimp head rotates 180 degrees to provide versatility for use in restricted spaces

Part Number	Part Description	Std. Pkg. Qty.
CT-2002	Terminates *PANDUIT*® *PAN-LUG*™ Compression Connectors: • Copper compression lugs and splices for #8 AWG – 500 kcmil code conductor • Copper compression lugs for #8 AWG – 350 kcmil flex conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – #2 AWG code conductor • Aluminum compression lugs and splices for #6 AWG – 300 kcmil code conductor (not UL or CSA) • Aluminum compression HTAPs for #14 – 4/0 AWG code conductor (not UL or CSA) • *PANDUIT*® *PAN-TERM*® Tubular Terminals for #8 AWG – 250 kcmil code conductor Specifications: Output: 6 tons Jaw opening: .95" Weight: 9.0 lbs. with battery Length: 13" Height: 12" Width: 3" Warranty: 5 years tool, 1 year on batteries CT-2002 includes: • Tool • Two CT-BC25, 14.4 VDC rechargeable batteries with LED display • One CT-CHR25 battery charger • One shoulder strap • Plastic tool case with storage for batteries, shoulder strap and crimping dies • Tool incorporates D3 die pocket (included with tool)	1

Uses color coded CD-2001 crimping dies. Dies must be purchased separately, see page D2.134. For battery charger and battery accessories, see page D2.147.

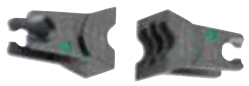
CD-2001 and CDM-2001 Crimping Dies

- Color coded to provide easy matching to color coding marked on connectors
- Embosses die index number on connector barrels to provide post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provides circumferential crimp results in terminations with premium electrical and mechanical performance

CD-2001

Part Number	Used to Install *PANDUIT* Compression Lug & Splice Sizes				Std. Pkg. Qty.
	Copper Code Conductor Size	Copper Die Color & Die No.	Aluminum Code Conductor Size	Aluminum Die Color & Die No.	
CD-2001-8	#8 AWG	Red P21	—	—	1
CD-2001-6	#6 AWG	Blue P24	—	—	1
CD-2001-4	#4 AWG STR #3 AWG STR #2 AWG SOL	Gray P29	#6 AWG	Gray P29	1
CD-2001-2	#2 AWG	Brown P33	—	—	1
CD-2001-1	#1 AWG	Green P37	#4 AWG	Green P37	1
CD-2001-1/0	1/0 AWG	Pink P42	#2 AWG	Pink P42	1
CD-2001-2/0	2/0 AWG	Black P45	#1 AWG	Gold P45	1
CD-2001-3/0	3/0 AWG	Orange P50	1/0 AWG	Tan P50	1
CD-2001-4/0	4/0 AWG	Purple P54	2/0 AWG	Olive P54	1
CD-2001-250	250 kcmil	Yellow P62	3/0 AWG	Ruby P62	1
CD-2001-300	300 kcmil	White P66	4/0 AWG	White P66	1
CD-2001-350	350 kcmil	Red P71	250 kcmil	Red P71	1
CD-2001-400	400 kcmil	Blue P76	300 kcmil	Blue P76	1
CD-2001-500	500 kcmil	Brown P87	—	—	1

Part Number	Used to Install *PANDUIT* Tap Part Numbers			Std. Pkg. Qty.
	Copper Tap	Die Color & Die No.	Aluminum Tap	
Single Crimp Dies				
CD-2001-8	CTAPF10-16-C	Red P21	—	1
CD-2001-6	CTAPF8-12-C	Blue P24	—	1
CD-2001-4	CTAPF6-12-C	Gray P29	—	1
CD-2001-2	CTAPF4-12-C	Brown P33	—	1
CD-2001-1	CTAPF3-12-C	Green P37	—	1
CD-2001-1/0	CTAPF2-12-C	Pink P42	—	1
CD-2001-2/0	CTAPF1-12-C	Black P45	—	1
CD-2001-3/0	CTAPF1/0-12-L	Orange P50	HTAP2-8-L	1
CD-2001-4/0	CTAPF2/0-12-Q	Purple P54	—	1
CD-2001-250	CTAPF3/0-12-Q	Yellow P62	—	1
CD-2001-BG	CTAP4-4-L to CTAP4-8-L	PBG	—	1
CD-2001-C	CTAP2-4-Q to CTAP2-2-X	PC	—	1
CD-2001-O	—	Green PO	HTAP1-1-Q to HTAP2/0-1-Q	1
Multi-Crimp Dies				
CDM-2001-2	CTAPF4-12-C	Brown P33M	—	1
CDM-2001-1	CTAPF3-12-C	Green P37M	—	1
CDM-2001-1/0	CTAPF2-12-C	Pink P42M	—	1
CDM-2001-2/0	CTAPF1-12-C	Black P45M	—	1
CDM-2001-3/0	CTAPF1/0-12-L	Orange P50M	—	1



CDM-2001

See pages D2.148 – D2.186 for connector and tool selection information.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Die Type, Battery Powered Hydraulic, 12 Ton, Crimping Tool

- Battery powered, provides fingertip operation
- Self-contained unit, completely portable
- Develops 12 tons of crimping force, crimps copper compression lugs and splices up to 750 kcmil
- Two stage rapid advance hydraulic system minimizes cycle time
- Provides UL Listed and CSA Certified connections on *PANDUIT*® *PAN-LUG*™ copper and aluminum lugs and splices and copper taps
- Open "C-Head" design allows easy loading of crimping dies and connectors, saves time
- Rubber boot on crimp head provides abrasion protection
- Ram automatically retracts when crimp cycle is complete
- Tool provided with two, high capacity 12 VDC rechargeable nickel-metal hydride batteries to provide for continuous operation and eliminate "memory" build-up, one hour charge time
- Eight second crimp cycle time provides quick terminations, saves time
- Uses industry standard Makita* batteries and charger, industry proven reliability easy to obtain from local retail sources
- Uses color coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels to provide post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools
- Crimp head rotates 360 degrees to provide versatility for use in restricted spaces

Part Number	Part Description	Std. Pkg. Qty.
CT-2931	Terminates *PANDUIT*® *PAN-LUG*™ Compression Connectors: • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs and splices for #8 AWG – 600 kcmil flex conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor • Aluminum compression HTAPs for #14 AWG – 500 kcmil code conductor • *PANDUIT*® *PAN-TERM*® Tubular Terminals for #8 AWG – 250 kcmil code conductor Specifications: Output: 12 tons Jaw opening: 1.65" Weight: 15.2 lbs with battery Length: 15 5/8" Height: 12" Width: 3 3/16" Warranty: 3 years CT-2931 includes: • Tool • Two 12 VDC, rechargeable NiMH batteries • One battery charger • Steel tool case with storage for batteries, charger and crimping dies	1

Uses CD-920 and CD-930 color coded crimping dies. Dies must be purchased separately, see page D2.142.
CG-920 crimp force measurement gauge available, sold separately, see page D2.147.
*Makita is a registered trademark of Makita Corporation in the United States.

Die Type, Battery Powered Hydraulic, 15 Ton, Crimping Tool

- Battery powered, provides fingertip operation
- Self-contained unit, completely portable
- Develops 15 tons of crimping force, crimps copper compression lugs and splices up to 1,000 kcmil
- Provides UL Listed and CSA Certified connections on *PANDUIT®* *PAN-LUG™* copper and aluminum lugs and splices and copper taps
- Flip-top crimp head design allows easy loading of crimping dies and connectors, saves time
- Rubber boot on crimp head provides abrasion protection
- Audible "pop-off" valve indicates crimp completion
- Tool provided with two, NiCd rechargeable batteries and battery charger to allow for continuous operation
- High productivity, up to 35 crimps on 500 kcmil copper lugs and splices on a single battery charge
- Eight second crimp cycle time provides quick terminations, saves time
- Battery charger charges expended batteries completely in 25 minutes
- Batteries include LED battery charge indicators for visual indication of current battery charge
- Battery charger includes battery reconditioner feature which prevents battery memory build-up and provides over 1,000 battery recharge cycles resulting in long life
- Uses color coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels to provide post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools
- Crimp head rotates 180 degrees to provide versatility for use in restricted spaces

Part Number	Part Description	Std. Pkg. Qty.
CT-2940	Terminates *PANDUIT® PAN-LUG™* Compression Connectors: • Copper compression lugs and splices for #8 AWG – 1000 kcmil code conductor • Copper compression lugs and splices for #8 AWG – 777.7 kcmil flex conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 1000 kcmil code conductor and #14 AWG – 777.7 kcmil flex conductor • Aluminum compression lugs and splices for #6 AWG – 1000 kcmil code conductor • Aluminum compression HTAP taps for #14 AWG – 500 kcmil code conductor • *PANDUIT® PAN-TERM®* Tubular Terminals for #8 AWG – 250 kcmil code conductor Specifications: Output: 15 tons Jaw opening: 2" Weight: 24.25 lbs. with battery Length: 21" Height: 10.5" Width: 3.75" Warranty: 5 years tool, 1 year on batteries CT-2940 includes: • Tool • Two CT-BC25, 14.4 VDC rechargeable batteries with LED display • One CT-CHR25 battery charger • Shoulder strap • Plastic case for storage of crimping dies • Plastic tool case with storage for batteries, charger, shoulder strap and crimping die storage case	1

Uses CD-920 and CD-930 color coded crimping dies with CD-940-DA die adapter. Uses CD-940 color coded crimping dies. Dies and die adapter must be purchased separately, see pages D2.142, D2.143.
For battery charger and battery accessories, see page D2.147.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Die Type, Remote Hydraulic, 14 Ton, Crimp Head

- Develops 14 tons of crimping force when used with 10,000 psi hydraulic pump and hose, crimps copper compression lugs and splices up to 750 kcmil
- Incorporates Parker type quick-connect fittings to ease installation and save time
- High quality, durable tool construction provides long-term dependability
- Provides UL Listed and CSA Certified connections on *PANDUIT*® *PAN-LUG*™ copper and aluminum lugs and splices and copper taps
- Open "C-Head" design allows easy loading of crimping dies and connectors, saves time
- Uses color coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels for post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools
- Cast in handle allows crimp head to be mounted in a bench vice

Part Number	Part Description	Std. Pkg. Qty.
CT-930CH	Terminates *PANDUIT*® *PAN-LUG*™ Compression Connectors: • Copper compression lugs and splices for #8 AWG – 750 kcmil code conductor • Copper compression lugs and splices for #8 AWG – 600 kcmil flex conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 250 kcmil code conductor, #14 – 4/0 AWG flex conductor • Aluminum compression lugs and splices for #6 AWG – 600 kcmil code conductor • Aluminum compression HTAPs for #14 AWG – 500 kcmil code conductor • *PANDUIT*® *PAN-TERM*® Tubular Terminals for #8 AWG – 250 kcmil code conductor Use with hydraulic systems developing 10,000 PSI of hydraulic pressure.* Specifications: Output: 14 tons Jaw opening: 1.65" Weight: 11 lbs. Length: 12 1/4" Height: 5" Width: 3" Warranty: 5 years CT-930CH includes: • Tool • Steel tool case • Supplied with female Parker type quick-connect fitting assembled to tool	1

Uses CD-920 and CD-930 color coded crimping dies. Dies must be purchased separately, see page D2.142.
*CT-901RCH remote control handle available, offering one hand operation of crimp head with *PANDUIT* CT-901HP hydraulic pump and CT-900HPH hose, sold separately, see page D2.139. CG-920 crimp force measurement gauge available, sold separately, see page D2.147.

Die Type, Remote Hydraulic, 15 Ton, Crimp Head

- Develops 15 tons of crimping force when used with 10,000 psi hydraulic pump and hose, crimps copper compression lugs and splices up to 1,000 kcmil
- Incorporates Parker type quick-connect fittings to ease installation and save time
- High quality, durable tool construction provides long-term dependability
- Provides UL Listed and CSA Certified connections on *PANDUIT*® *PAN-LUG*™ copper and aluminum lugs and splices and copper taps
- Open "C-Head" design allows easy loading of crimping dies and connectors, saves time
- Uses color coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels for post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools
- Cast in handle allows crimp head to be mounted in a bench vice

Part Number	Part Description	Std. Pkg. Qty.
CT-940CH	Terminates *PANDUIT*® *PAN-LUG*™ Compression Connectors: • Copper compression lugs and splices for #8 AWG – 1000 kcmil code conductor • Copper compression lugs and splices for #8 AWG – 777.7 kcmil flex conductor • Copper compression CTAPF taps for #10 – 3/0 AWG code conductor • Copper compression CTAP taps for #8 – 4/0 AWG code conductor • Copper compression HTCT taps for #14 AWG – 1000 kcmil code conductor and #14 AWG – 777.7 kcmil flex conductor • Aluminum compression lugs and splices for #6 AWG – 1000 kcmil code conductor • Aluminum compression HTAP taps for #14 AWG – 500 kcmil code conductor • *PANDUIT*® *PAN-TERM*® Tubular Terminals for #8 AWG – 250 kcmil code conductor Use with hydraulic systems developing 10,000 PSI of hydraulic pressure.* Specifications: Output: 15 tons Jaw opening: 2" Weight: 14.5 lbs. Length: 14.5" Height: 4.1" Width: 2.5" Warranty: 5 years CT-940CH includes: • Tool • Steel tool case • Supplied with female Parker type quick-connect fitting assembled to tool	1

Uses CD-920 and CD-930 color coded crimping dies with CD-940-DA die adapter. Uses color coded CD-940 crimping dies. Crimping dies and die adapter must be purchased separately, see pages D2.142 and D2.143.
CG-940 crimp force measurement gauge available, sold separately, see page D2.147.
*CT-901RCH remote control handle available, offering one hand operation of crimp head with *PANDUIT* CT-901HP hydraulic pump and CT-900HPH hose, sold separately, see page D2.139.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Hydraulic Pump and Accessories, Electric, 10,000 PSI

- Develops 10,000 psi of hydraulic pressure
- Easy to operate using manual switch or remote pendant supplied; or optional CT-901RFS foot switch or CT-901RCH remote controlled handle
- Factory set relief valve, pump stops when crimp is complete
- Convenient 120 VAC operation
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Versatile, can be used with *PANDUIT* CT-930CH, CT-940CH or CT-980CH crimp heads

CT-901HP

CT-900HPH

CT-901RCH

CT-901RFS

Part Number	Part Description	Std. Pkg. Qty.
CT-901HP	Hydraulic pump. Develops 10,000 PSI output. Pump shuts off when cycle is complete. Will not release until down switch is activated. Compatible with CT-900HPH hydraulic hose, CT-930CH, CT-940CH and CT-980CH crimp heads sold separately.* Specifications: Pump output: 10,000 psi Tank capacity: 2.5L incorporates sight gauge for visual inspection of fluid level Fluid type: Aero Shell #4 or equal Motor: 120 VAC 50/50Hz Current: 6.5 Amps Horsepower: 1/2 hp Weight: 34 lbs. Length: 7" Height: 14" Width: 6" Warranty: 5 years CT-901HP pump includes: • On/off pendant switch on 10' electric cord • 3 prong A/C plug on 10' electric cord • Supplied with female Parker type quick-connect fitting assembled to pump	1
CT-900HPH	Electrically non-conductive 10' hose compatible with *PANDUIT* CT-901HP hydraulic pump and CT-930CH, CT-940CH and CT-980CH crimp heads, supplied pre-filled with hydraulic fluid for fast start up. Supplied with two male Parker type quick-connect fittings. Warranty: 5 years	1
CT-901RCH	Remote control handle provides plastic carrying handle incorporating on/off activation switch that allows operator to hold crimp head and activate CT-901HP hydraulic pump with one hand. Use with *PANDUIT* remote hydraulic crimp heads CT-930CH, CT-940CH and CT-980CH. Equipped with 3/8" Parker type quick-connect coupler for attaching crimp heads to *PANDUIT* CT-900HPH hydraulic hose. Includes a 10', three wire control cable that can be directly connected to the CT-901HP pump. Warranty: 5 years	1
CT-901RFS	Dual electrical foot switch that allows convenient "hands free" operation of the *PANDUIT* CT-901HP or CT-8250HP electric hydraulic pumps used with *PANDUIT* remote hydraulic crimp heads. Supplied with 10' electric cord that can be directly connected to *PANDUIT* hydraulic pumps. Warranty: 5 years	1

Contact *PANDUIT* Customer Service for use in production environments.
*For information on crimp heads, see pages D2.137, D2.138 and D2.146.

Die Type, Remote Hydraulic, 10.5 Ton, Crimp Head

- Low pressure system extends life of crimp head for high volume crimping applications
- Develops 10.5 tons of crimping force when used with 7,500 psi hydraulic pump and hose, crimps copper compression lugs and splices up to 250 kcmil
- Incorporates Parker type quick-connect fittings to ease installation and save time
- High quality, durable tool construction and low pressure hydraulic requirements provide long-term dependability and tool life
- Provides UL Listed and CSA Certified connections on *PANDUIT*® *PAN-LUG*™ copper lugs and splices
- Open "C-Head" design allows easy loading of crimping dies and connectors, saves time
- Uses color coded crimping dies to provide easy matching of crimping die to connector
- Embosses die index number on connector barrels for post crimp inspection
- Dies installed using spring loaded die retention pins, no need for tools
- Cast in handle allows crimp head to be mounted in a bench vice

Part Number	Part Description	Std. Pkg. Qty.
CT-930LPCH	Remote hydraulic crimp head provides UL Listed or Recognized terminations of *PANDUIT*® *PAN-LUG*™ copper compression lugs and splices for #8 AWG – 250 kcmil copper code conductor. Use with *PANDUIT* CT-8250HP hydraulic pump and CT-900LPHPH 10' hydraulic hose.* Specifications: Output: 10.5 tons Jaw opening: 1.65" Weight: 11 lbs. Length: 12 1/4" Height: 5" Width: 3" Warranty: 5 years CT-930LPCH includes: • Tool • Steel tool case • Supplied with male Parker type quick-connect fitting assembled to tool	1

Uses CD-920 color coded crimping dies. Dies must be purchased separately, see page D2.142. PG-1 in-line pressure gauge provides visual measurement of hydraulic output pressure, sold separately, see page D2.147.
*For information on hydraulic pump and hose, see page D2.141.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Hydraulic Pump and Accessories, Electric, 7,500 PSI

- Develops 7,500 psi of hydraulic pressure
- Easy to operate using manual switch or remote pendant supplied; or optional CT-901RFS foot switch
- Factory set relief valve, pump stops when crimp is complete
- Convenient 120 VAC operation
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Versatile, can be used with *PANDUIT* CT-930LPCH or CT-980LPCH crimp heads

CT-8250HP

CT-900LPHPH

CT-901RFS

Part Number	Part Description	Std. Pkg. Qty.
CT-8250HP	Hydraulic pump. Develops 7,500 psi output. Pump shuts off when cycle is complete. Will not release until down switch is activated. Compatible with CT-900LPHPH hydraulic hose, CT-930LPCH and CT-980LPCH crimp heads sold separately.* Specifications: Pump output: 7,500 psi Tank capacity: 2.5L incorporates sight gauge for visual inspection of fluid level Fluid type: Aero Shell #4 or equal Motor: 120 VAC 50/50Hz Current: 6.5 amps Horsepower: 1/2 hp Warranty: 5 years Weight: 34 lbs. Length: 7" Height: 14" Width: 6" CT-8250HP pump includes: • On/off pendant switch on 10' electric cord • Three prong A/C plug on 10' electric cord • Supplied with male Parker type quick-connect fitting assembled to pump	1
CT-900LPHPH	Electrically non-conductive 10' hose compatible with *PANDUIT* CT-901LPHP hydraulic pump and CT-930LPCH, and CT-980LPCH crimp heads, supplied pre-filled with hydraulic fluid for fast start up. Supplied with two female Parker type quick-connect fittings. Warranty: 5 years	1
CT-901RFS	Dual electrical foot switch that allows convenient "hands free" operation of the *PANDUIT* CT-901HP or CT-8250HP electric hydraulic pumps used with *PANDUIT* remote hydraulic crimp heads. Supplied with 10' electric cord that can be directly connected to *PANDUIT* hydraulic pumps. Warranty: 5 years	1

*For more information on crimp heads, see pages D2.140 and D2.146.

PG-1 in-line pressure gauge provides visual measurement of hydraulic output pressure, sold separately, see page D2.147.

CD-920 and CDM-920 Crimping Dies

- Color coded for easy matching to color coding marked on connectors
- Embosses die index number on connector barrels for post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provides circumferential crimp results in terminations with premium electrical and mechanical performance

CD-920

Part Number	Used to Install *PANDUIT* Compression Lug & Splice Sizes				Std. Pkg. Qty.
	Copper Code Conductor Size	Copper Die Color & Die No.	Aluminum Code Conductor Size	Aluminum Die Color & Die No.	
CD-920-8	#8 AWG	Red P21	—	—	1
CD-920-6	#6 AWG	Blue P24	—	—	1
CD-920-4	#4 AWG	Gray P29	#6 AWG	Gray P29	1
CD-920-2	#2 AWG	Brown P33	—	—	1
CD-920-1	#1 AWG	Green P37	#4 AWG	Green P37	1
CD-920-1/0	1/0 AWG	Pink P42	#2 AWG	Pink P42	1
CD-920-2/0	2/0 AWG	Black P45	#1 AWG	Gold P45	1
CD-920-3/0	3/0 AWG	Orange P50	1/0 AWG	Tan P50	1
CD-920-4/0	4/0 AWG	Purple P54	2/0 AWG	Olive P54	1
CD-920-250	250 kcmil	Yellow P62	3/0 AWG	Ruby P62	1
CD-920-300	300 kcmil	White P66	4/0 AWG	White P66	1
CD-920-350	350 kcmil	Red P71	250 kcmil	Red P71	1
CD-920-400	400 kcmil	Blue P76	300 kcmil	Blue P76	1
CD-920-500	500 kcmil	Brown P87	350 kcmil	Brown P87	1
CD-920-600	600 kcmil	Green P94	400 kcmil	Green P94	1
CD-920-500A	500 kcmil flex, 600 kcmil flex	Pink P99	500 kcmil	Pink P99	1
CD-920-750	750 kcmil	Black P106	600 kcmil	Black P106	1

Part Number	Used to Install *PANDUIT* Tap Part Numbers				Std. Pkg. Qty.
	Copper Tap	Copper Die Color & Die No.	Aluminum Tap	Aluminum Die Color & Die No.	
Single Crimp Dies					
CD-920H-8	HTCT8-8-1	Green PH8	—	—	1
CD-920H-6	HTCT6-6-1	Orange PH6	—	—	1
CD-920H-2	HTCT2-2-1	Brown PH2	—	—	1
CD-930H-250	HTCT250-8-1, HTCT250-2-1, HTCT250-250-1	Purple PH25	—	—	1
CD-920-3/0	—	—	HTAP2-8-L	Tan P50	1
CD-920-BG	CTAP4-8-L, CTAP4-6-L, CTAP4-4-L	PBG	—	—	1
CD-920-C	CTAP2-4-Q, CTAP2-2-X	PC	—	—	1
CD-920-D3	CTAP4/0-2-X, CTAP4/0-2/0-X, CTAP4/0-4/0-X	PD3	HTAP3/0-1-Q, HTAP3/0-3/0-Q, HTAP4/0-2-Q, HTAP4/0-3/0-Q, HTAP4/0-4/0-Q	PD3	1
CD-920-O	CTAP2/0-2-X, CTAP2/0-2/0-X	PO	HTAP1-1-Q, HTAP1/0-1-Q, HTAP2/0-1-Q	PO	1
CD-930-N	—	—	HTAP500-500-X, HTAP500-4/0-X	PN	1
Multi-Crimp Dies					
CDM-920-2	CTAPF4-12-C	Brown P33M	—	—	1
CDM-920-1	CTAPF3-12-C	Green P37M	—	—	1
CDM-920-1/0	CTAPF2-12-C	Pink P42M	—	—	1
CDM-920-2/0	CTAPF1-12-C	Black P45M	—	—	1
CDM-920-3/0	CTAPF1/0-12-L	Orange P50M	—	—	1
CDM-920-4/0	CTAPF2/0-12-Q	Purple P54M	—	—	1
CDM-920-250	CTAPF3/0-12-Q	Yellow P62M	—	—	1

CDM-920

See pages D2.148 – D2.186 for connector and tool selection information.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

CD-940 Crimping Dies

- Color coded for easy matching to color coding marked on connectors
- Embosses die index number on connector barrels for post crimp inspection
- Part number permanently marked on crimping die for easy identification
- Provides circumferential crimp results in terminations with premium electrical and mechanical performance

CD-940

Part Number	Used to Install *PANDUIT* Compression Lug & Splice Sizes				Std. Pkg. Qty.
	Copper Conductor Size	Copper Die Color & Die No.	Aluminum Conductor Size	Aluminum Die Color & Die No.	
CD-940-750	750 kcmil	Black P106	—	—	1
CD-940-800	800 kcmil	Orange P107	—	—	1
CD-940-1000	1000 kcmil	White P125	—	—	1
CD-940-750X	777.7 kcmil flex	Yellow P115	—	—	1
CD-940-750A	—	—	750 kcmil	Red P125	1
CD-940-800A	—	—	800 kcmil	Gray P140	1
CD-940-1000A	—	—	1000 kcmil	Brown P161	1

Part Number	Used to Install *PANDUIT* Tap Part Numbers				Std. Pkg. Qty.
	Copper Tap	Copper Die Color & Die No.	Aluminum Tap	Aluminum Die Color & Die No.	
CD-940-N	—	—	HTAP500-500-X, HTAP500-4/0-X	PN	1
CD-940H-500	HTCT500-250-1, HTCT500-500-1	Brown PH50	—	—	1
CD-940H-750	HTCT750-4/0-1, HTCT750-750-1, HTCT1000-250-1	Yellow PH75	—	—	1
CD-940H-1000	HTCT1000-1000-1	White PH10	—	—	1

See pages D2.148 - D2.186 for connector and tool selection information.

CD-940-DA

Part Number	Part Description	Std. Pkg. Qty.
CD-940-DA	Die Adapter for use with *PANDUIT* CD-920, CDM-920 and CD-930 crimping dies.	1

UNI-DIE™ Dieless, Manual Hydraulic, 6.2 Ton, Crimping Tool

- Dieless crimping tool design eliminates purchase or lost crimping dies, saves cost
- Develops 6.2 tons of crimping force with four point indenter system, crimps copper compression lugs and splices up to 750 kcmil
- Two stage rapid advance hydraulic system minimizes number of pumps required to complete a crimp
- High quality, durable tool construction provides long-term dependability
- Cushioned grips prevent hands from slipping on tool, reduces fatigue
- Incorporates aluminum crimp head and fiberglass handles, results in lightweight tool and ease of operation
- Provides UL Listed and CSA Certified connections on *PANDUIT*® *PAN-LUG*™ copper lugs and splices
- Provides UL Listed and CSA Certified wire range-taking capability on *PANDUIT*® *PAN-LUG*™ copper lugs and splices, minimizes connector inventory and saves cost
- Flip-top crimp head design allows easy loading of connectors, saves time
- Audible "pop-off" valve indicates crimp completion
- Crimp head rotates 360 degrees, provides versatility for use in restricted spaces

Part Number	Part Description	Std. Pkg. Qty.
CT-980	Manual hydraulic *UNI-DIE*™ Dieless Crimping Tool provides UL Listed or Recognized and CSA Certified terminations of *PANDUIT*® *PAN-LUG*™ copper compression lugs and splices for #4 AWG – 750 kcmil copper code conductor. Terminates *PAN-LUG*™ aluminum compression lugs and splices for #6 AWG – 500 kcmil copper and aluminum code conductor (not UL or CSA). Specifications: Output: 6.2 tons Jaw opening: 1.46" Weight: 10.5 lbs. Length: 13" Height: 12" Width: 3" Handle span: 15" (open), 5.75" (closed) Warranty: 5 years CT-980 includes: • Tool • Plastic tool case	1

CG-980 pressure gauge for measuring tool output force available, sold separately, see page D2.147.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

UNI-DIE™ Dieless, Battery Powered Hydraulic, 6.2 Ton, Crimping Tool, 12 VDC

- Dieless crimping tool design eliminates purchase or lost crimping dies, saves cost
- Battery powered, provides fingertip operation
- Self-contained unit, completely portable
- Develops 6.2 tons of crimping force with four point indenter system, crimps copper compression lugs and splices up to 750 kcmil
- Two stage rapid advance hydraulic system minimizes cycle time
- Ram automatically retracts when crimp cycle is complete
- Tool provided with two, high capacity 12 VDC rechargeable nickel-metal hydride batteries to provide for continuous operation and eliminate "memory" build-up, one hour charge time
- Uses industry standard Makita* batteries and charger, industry proven reliability and easy to obtain from local retail sources
- Provides UL Listed and CSA Certified connections on *PANDUIT*® *PAN-LUG*™ copper lugs and splices
- Provides UL Listed and CSA Certified wire range-taking capability on *PANDUIT*® *PAN-LUG*™ copper lugs and splices, minimizes connector inventory and saves cost
- Flip-top crimp head design allows easy loading of splices, saves time
- Crimp head rotates 360 degrees, provides versatility for use in restricted spaces

Part Number	Part Description	Std. Pkg. Qty.
CT-2981	Battery powered hydraulic *UNI-DIE*™ Dieless Crimping Tool provides UL Listed or Recognized and CSA Certified terminations of *PANDUIT*® *PAN-LUG*™ copper compression lugs and splices for #4 AWG – 750 kcmil copper code conductor. Terminates *PAN-LUG*™ aluminum compression lugs and splices for #6 AWG – 500 kcmil copper and aluminum code conductor (not UL or CSA). Specifications: Output: 6.2 tons Jaw opening: 1.46" Weight: 10.8 lbs. with battery Length: 13" Height: 12" Width: 3" Warranty: 3 years CT-2981 includes: • Tool • Two 12 VDC, NiMH rechargeable batteries • One battery charger • Steel tool case with storage for batteries, charger and crimping dies	1
SS-1	Test solder slugs.	1
SS-1GAGE	Solder slug measurement gauge.	1

CG-980 crimp force measurement gauge available, sold separately, see page D2.147.
*Makita is a registered trademark of Makita Corporation in the United States.

UNI-DIE™ Dieless, Remote Hydraulic, 6.2 Ton, Crimp Head

- Dieless crimping tool design eliminates purchase or lost crimping dies, saves cost
- Develops 6.2 tons of crimping force when used with 10,000 psi hydraulic pump and hose, crimps copper compression lugs and splices up to 750 kcmil
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Provides UL Listed and CSA Certified connections on *PANDUIT*® *PAN-LUG*™ copper lugs and splices
- Provides UL Listed and CSA Certified wire range-taking capability on *PANDUIT*® *PAN-LUG*™ copper lugs and splices, minimizes connector inventory and saves cost
- Flip-top crimp head design allows easy loading of splices, saves time

Part Number	Part Description	Std. Pkg. Qty.
CT-980CH	Remote hydraulic *UNI-DIE*™ dieless crimp head provides UL Listed or Recognized and CSA Certified terminations of *PANDUIT*® *PAN-LUG*™ copper compression lugs and splices for #4 AWG – 750 kcmil copper code conductor. Terminates *PAN-LUG*™ aluminum compression lugs and splices for #6 AWG – 500 kcmil copper and aluminum code conductor (not UL or CSA). Use with hydraulic systems developing 10,000 PSI of hydraulic pressure.* Specifications: Output: 6.2 tons Jaw opening: 1.46" Weight: 6.5 lbs. Length: 10.5" Height: 5.3" Width: 2.5" Warranty: 5 years CT-980CH includes: • Tool • Steel tool case • Supplied with female Parker type quick-connect fitting assembled to tool	1

*CT-901RCH remote control handle available, offering one hand operation of crimp head with *PANDUIT* CT-901HP hydraulic pump and CT-900HPH hose, sold separately, see page D2.139. CG-980 crimp force measurement gauge available, sold separately, see page D2.147.

UNI-DIE™ Dieless, Remote Hydraulic, 4.7 Ton, Crimp Head

- Low pressure system extends life of crimp head for high volume crimping application
- Dieless crimping tool design eliminates purchase or lost crimping dies, saves cost
- Develops 4.7 tons of crimping force when used with 7,500 psi hydraulic pump and hose, crimps copper compression lugs and splices up to 250 kcmil
- Incorporates Parker type quick-connect fittings to ease installation and save time
- Provides UL Listed and CSA Certified connections on *PANDUIT*® *PAN-LUG*™ copper lugs and splices
- Flip-top crimp head design allows easy loading of splices, saves time

Part Number	Part Description	Std. Pkg. Qty.
CT-980LPCH	Remote hydraulic crimp head provides UL Listed or Recognized and CSA Certified terminations of *PANDUIT*® *PAN-LUG*™ copper compression lugs and splices for #4 AWG – 250 kcmil code conductor. Specifications: Output: 4.7 tons Weight: 6.5 lbs. Length: 10.5" with coupler Height: 5.3" Width: 2.5" Warranty: 5 years CT-980LPCH includes: • Tool • Steel tool case • Supplied with male Parker type quick-connect fitting assembled to tool	1

Use with *PANDUIT* CT-8250HP hydraulic pump and CT-900LPHPH 10' hydraulic hose, see page D2.141. PG-1 in-line pressure gauge provides visual measurement of hydraulic output pressure, sold separately, see page D2.147.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Pressure Gauges

- Provides easy visual reading of output force for hydraulic crimping tools
- Factory calibrated to provide accuracy and quality assurance control of crimping tools in the field
- Easy-to-read crimp force tolerance zone for applicable tools marked on gauge
- Blank dies for fixture supplied with test gauge for easy mounting and operation of gauge with crimping tool

CG-920

CG-940

CG-980

PG-1

Part Number	Part Description	Std. Pkg. Qty.
CG-920	Compression gauge – used to measure crimping force generated by *PANDUIT* crimping tools: CT-930, CT-930CH, CT-930LPCH, CT-2930 and CT-2931. CG-920 includes: • Pressure gauge • Blank die set • Steel storage case • Warranty: 90 days	1
CG-940	Compression gauge – used to measure output force generated by *PANDUIT* crimping tools: CT-940CH and CT-2940. CG-940 includes: • Pressure gauge • Blank die set • Steel storage case • Warranty: 90 days	1
CG-980	Compression gauge – used to insure proper compression force for *UNI-DIE*™ Dieless Crimping Tools: CT-980, CT-980CH, CT-2980 and CT-2981. CG-980 includes: • Pressure gauge • Fixture for mounting gauge in crimping tool • Steel storage case • Warranty: 90 days	1
PG-1	In-line pressure gauge provides visual identification of hydraulic output pressure when used with *PANDUIT* CT-930LPCH and CT-980LPCH crimp heads, CT-8250HP pump and CT-900LPHPH hose. Includes steel storage case. Warranty: 90 days	1
PG-1SC	In-line pressure gauge provides visual identification of hydraulic output pressure when used with *PANDUIT* CT-8250HP pump and CT-900LPHPH hose. Includes steel storage case. Warranty: 90 days	1

Accessories for Battery Powered Hydraulic Crimping Tools

CT-BC25

CT-NLCBC25

CT-CHR25

Part Number	Part Description	Std. Pkg. Qty.
CT-BC25	Rechargeable 14.4 volt DC NiCd battery with LED display to monitor remaining power and number of charge cycles. Battery life is approximately 1,000 recharge cycles. Use with *PANDUIT* battery operated crimping tools: CT-2001, CT-2002, CT-2930, CT-2980 and CT-2940. Warranty: 1 year	1
CT-NLBC25	Rechargeable 14.4 volt DC NiCd battery without LED display. Battery life is approximately 1,000 recharge cycles. Use with *PANDUIT* battery operated crimping tools: CT-2001, CT-2002, CT-2930, CT-2980 and CT-2940. Warranty: 5 years	1
CT-CHR25	Battery charger designed to charge the CT-BC25 and CT-NLBC25 batteries in 25 minutes. Includes battery reconditioning feature to maximize battery life. LED display to visually indicate battery charge status. 120 VAC, 50/60Hz UL Listed. Use with *PANDUIT* battery powered crimping tools: CT-2001, CT-2002, CT-2930, CT-2980 and CT-2940. Warranty: 5 years	1
C-2001	High impact strength, blow molded plastic case for CT-2001 crimping tool. Includes storage for CT-CHR25 battery charger, two CT-NLBC25 batteries, shoulder strap and crimping dies.	1

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAS and SCSS

			PANDUIT (See Compression Connector Tools Selection Guide, Pages D2.126-D2.128)					Thomas & Betts		
PANDUIT Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (In.)	CT-1700①	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-2930, CT-930LPCH, CT-2931, CT-2940③, CT-2920, CT-940CH③	*Uni-Die*™ CT-980, CT-2980, CT-980CH, CT-2981, CT-980LPCH, CT-2950	CT-2001, CT-2002	TBM20S, TBM25S	TBM5	TBM8
			Die Part Number / Color Code & Die Index Number / (Number Of Crimps)							
LCAS8	#8 AWG	1/2	Red P21 (2)	CD-720-1 Red P21 (1)	CD-920-8 Red P21 (1)	—	CD-2001-8 Red P21 (1)	Red (2)	Red (1)	Red (1)
SCSS8		7/16								
LCAS6	#6 AWG	9/16	Blue P24 (2)	CD-720-1 Blue P24 (1)	CD-920-6 Blue P24 (1)	(1)	CD-2001-6 Blue P24 (1)	Blue (2)	Blue (1)	Blue (1)
SCSS6		7/16								
LCAS4	#4 AWG	5/8	Gray P29 (2)	CD-720-1 Gray P29 (1)	CD-920-4 Gray P29 (1)	(1)	CD-2001-4 Gray P29 (1)	Gray (2)	Gray (1)	Gray (1)
SCSS4		7/16								
LCAS2	#2 AWG	5/8	Brown P33 (2)	CD-720-1 Brown P33 (1)	CD-920-2 Brown P33 (1)	(1)	CD-2001-2 Brown P33 (1)	Brown (2)	Brown (1)	Brown (1)
SCSS2		9/16								
LCAS1	#1 AWG	11/16	Green P37 (3)	CD-720-2 Green P37 (1)	CD-920-1 Green P37 (1)	(1)	CD-2001-1 Green P37 (1)	—	Green (1)	Green (1)
SCSS1										
LCAS1/0	1/0 AWG	3/4	—	CD-720-2 Pink P42 (1)	CD-920-1/0 Pink P42 (1)	(1)	CD-2001-1/0 Pink P42 (1)	—	Pink (1)	Pink (1)
SCSS1/0		11/16								
LCAS2/0	2/0 AWG	3/4	—	CD-720-2 Black P45 (2)	CD-920-2/0 Black P45 (1)	(1)	CD-2001-2/0 Black P45 (2)	—	Black (2)	Black (2)
SCSS2/0										
LCAS3/0	3/0 AWG	7/8	—	CD-720-2 Orange P50 (2)	CD-920-3/0 Orange P50 (1)	(1)	CD-2001-3/0 Orange P50 (2)	—	Orange (2)	Orange (2)
SCSS3/0		3/4								
LCAS4/0	4/0 AWG	1	—	CD-720-3 Purple P54 (2)	CD-920-4/0 Purple P54 (1)	(1)	CD-2001-4/0 Purple P54 (2)	—	Purple (2)	Purple (2)
SCSS4/0		13/16								
LCAS250	250 kcmil	1-1/8	—	CD-720-3 Yellow P62 (2)	CD-920-250 Yellow P62 (1)	(1)	CD-2001-250 Yellow P62 (2)	—	Yellow (2)	Yellow (2)
SCSS250		1-1/16								

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with the CD-940-DA adapter.
④Minimum size: #4 AWG lugs and splices.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAS and SCSS (continued)

Thomas & Betts				Burndy				Anderson	Penn-Union	Greenlee
TBM12, 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-I, TBM8-750, TBM8-750BSCR, TBM750BSCR④	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y2MR, Y1MRTC, Y1MR	MY29	Y35,Y35BH, Y39, Y39BH, Y45, Y46, Y750, Y750-2, Y750BH, Y750BH-2, Y750HS, PAT750, BAT750, BAT35	Y644M, Y644HS, Y644MBH, PAT644, BAT644	VC6	TDY-1	1989
Die Part Number / Color Code & Die Index Number / (Number Of Crimps)										
21 (1)	21 (1)	STD (1)	21 (1)	Red (2)	#8 (1)	U8CRT Red 49 (1)	—	—	—	—
24 (1)	24 (1)	STD (1)	24 (1)	Blue (2)	#6 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
29 (1)	29 (1)	STD (1)	29 (1)	Gray (2)	#4 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	STD (1)	STD (1)
33 (1)	33 (1)	STD (1)	33 (1)	Brown (2)	#2 (1)	U2CRT Brown 10 (1)	STD (1)	STD (1)	STD (1)	STD (1)
37 (1)	37 (1)	STD (1)	37 (1)	—	#1 (1)	U1CRT Green 11 (1)	STD (1)	STD (1)	STD (1)	STD (1)
42 (1)	42H② (2)	STD (1)	42H② (2)	—	1/0 (1)	U25RT Pink 12 (1)	STD (1)	STD (1)	STD (1)	STD (1)
45 (1)	45 (1)	STD (1)	45 (1)	—	2/0 (1)	U26RT Black 13 (1)	STD (1)	STD (1)	STD (1)	STD (1)
50 (1)	50 (1)	STD (1)	50 (1)	—	3/0 (1)	U27RT Orange 14 (1)	STD (1)	STD (1)	STD (1)	STD (1)
54 (1)	54H② (2)	STD (1)	54H② (2)	—	4/0 (1)	U28RT Purple 15 (1)	STD (1)	STD (1)	STD (1)	STD (1)
62 (1)	62 (1)	STD (1)	62 (1)	—	250 (1)	CD-920-250 Yellow P62 (1)	STD (1)	CD-2001-250 Yellow P62 (2)	—	Yellow (2)

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with the CD-940-DA adapter.
④Minimum size: #4 AWG lugs and splices.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS

PANDUIT Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (In.)	*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)							Thomas & Betts		
			CT-1570	CT-1701①	CT-1700①	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-930LPCH⑥, CT-2920, CT-2930, CT-2931, CT-940CH③, CT-2940③	*UNI-DIE*™ CT-980, CT-2980, CT-980LPCH⑥, CT-980CH, CT-2950⑤, CT-2981 Extended Wire Range⑩	CT-2001, CT-2002	TBM20S, TBM25S	TBM5, TBM8	TBM12, 13642M
			Die Part Number / Color Code & Die Index Number / (Number of Crimps)									
LCA10 **LCD10**	#14 – #10 AWG STR, #12 – #10 AWG SOL	7/16	12-10 (1)	P10 (1)	—	—	—	—	—	—	—	—
LCA8 **LCAN8** **LCD8** **LCDN8**	#8 AWG	5/8	—	—	Red P21 (2)	CD-720-1 Red P21 (1)	CD-920-8 Red P21 (1)	—	CD-2001-8 Red P21 (1)	Red 21 (2)	Red 21 (1)	Red 21 (1)
SCS8		11/16										
LCA6 **LCAN6** **LCD6** **LCDN6**	#6 AWG	7/8	—	—	Blue P24 (2)	CD-720-1 Blue P24 (1)	CD-920-6 Blue P24 (1)	—	CD-2001-6 Blue P24 (1)	Blue 24 (2)	Blue 24 (1)	Blue 24 (1)
SCS6		13/16										
LCA4 **LCAN4** **LCD4** **LCDN4**	#4 – #3 AWG STR, #2 AWG SOL	7/8	—	—	Gray P29 (2)	CD-720-1 Gray P29 (1)	CD-920-4 Gray P29 (1)	#4 – #2 AWG #2 AWG SOL Only (1)	CD-2001-4 Gray P29 (1)	Gray 29 (2)	Gray 29 (1)	Gray 29 (1)
SCS4		13/16										
LCA2 **LCAN2**⑨ **LCD2** **LCDN2**	#2 AWG	15/16	—	—	Brown P33 (2)	CD-720-1 Brown P33 (1)	CD-920-2 Brown P33 (1)	#6 – #2 AWG (1)	CD-2001-2 Brown P33 (1)	Brown 33 (2)	Brown 33 (1)	Brown 33 (1)
SCS2		7/8										
LCA1 **LCAN1** **LCD1** **LCDN1**	#1 AWG	15/16	—	—	Green P37 (3)	CD-720-2 Green P37 (1)	CD-920-1 Green P37 (1)	#6 – #1 AWG (1)	CD-2001-1 Green P37 (1)	—	Green 37 (1)	Green 37 (1)
SCS1		7/8										
LCA1/0 **LCAN1/0** **LCD1/0** **LCDN1/0**	1/0 AWG	1	—	—	—	CD-720-2 Pink P42 (1)	CD-920-1/0 Pink P42 (1)	#6 – 1/0 AWG (1)	CD-2001-1/0 Pink P42 (1)	—	Pink 42 (1)	Pink 42 (1)
SCS1/0		7/8										
LCA2/0 **LCAN2/0** **LCD2/0** **LCDN2/0**	2/0 AWG	1-1/16	—	—	—	CD-720-2 Black P45 (2)	CD-920-2/0 Black P45 (2)	#4 – 2/0 AWG (1)	CD-2001-2/0 Black P45 (2)	—	Black 45 (2)	Black 45 (1)
SCS2/0		15/16										
LCA3/0 **LCAN3/0** **LCD3/0** **LCDN3/0**	3/0 AWG	1-3/16	—	—	—	CD-720-2 Orange P50 (2)	CD-920-3/0 Orange P50 (2)	#2 – 3/0 AWG (1)	CD-2001-3/0 Orange P50 (2)	—	Orange 50 (2)	Orange 50 (1)
SCS3/0		1										

①The CT-1700 and CT-1701 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.
⑥Maximum size: 250 kcmil lugs and splices.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.
⑨LCAN2 lugs for use with #2 AWG and #3 AWG wire.
⑩Extended wire range when crimped with these *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS (continued)

Thomas & Betts			Burndy					Anderson	Penn-Union	Greenlee
TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR, TBM750BSCR⑧	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y2MR, Y1MR, Y1MRTC	MY29	BAT35, Y39BH, Y35BH, Y750, Y750BH, Y750-2, Y750HS, Y750BH-2, Y39, PAT750, Y35, BAT750	Y45⑦, Y46⑦	Y644M, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
Die Part Number / Color Code & Die Index Number / (Number of Crimps)										
—	—	—	—	—	—	—	—	—	—	—
Red 21 (1)	STD (1)	Red 21 (1)	Red 49 (1)	#8 (1)	U8CRT Red 49 (1)	U8CRT Red 49 (1)	—	—	—	—
Blue 24 (1)	STD (1)	Blue 24 (1)	Blue 7 (2)	#6 (1)	U5CRT Blue 7 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
Gray 29 (1)	STD (1)	Gray 29 (1)	Gray 8 (2)	#4 (1)	U4CRT Gray 8 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	—	STD (1)
Brown 33 (1)	STD (1)	Brown 33 (1)	Brown 10 (2)	#2 (1)	U2CRT Brown 9 [solid]/ Brown 10 [stranded] (1)	U2CRT Brown 9 [solid]/ Brown 10 [stranded] (1)	STD (1)	STD (1)	STD (1)	STD (1)
Green 37 (1)	STD (1)	Green 37 (1)	—	#1 (1)	U1CRT Green 11 (1)	U1CRT Green 11 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Pink 42H② (2)	STD (1)	Pink 42H② (2)	—	1/0 (1)	U25RT Pink 12 (1)	U25RT Pink 12 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Black 45 (1)	STD (1)	Black 45 (1)	—	2/0 (1)	U26RT Black 13 (1)	U26RT Black 13 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Orange 50 (1)	STD (1)	Orange 50 (1)	—	3/0 (1)	U27RT Orange 14 (1)	U27RT Orange 14 (1)	STD (1)	STD (1)	STD (1)	STD (1)

Chart continues on pages D2.152–D2.153

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS (continued)

PANDUIT Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (In.)	*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128) CT-1570	CT-1701①	CT-1700①	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-930LPCH⑥, CT-2920, CT-2930, CT-2931, CT-940CH③, CT-2940③	*UNI-DIE*™ CT-980, CT-2980, CT-980LPCH⑥, CT-980CH, CT-2950⑤, CT-2981 Extended Wire Range⑩	CT-2001, CT-2002	Thomas & Betts TBM20S, TBM25S	TBM5	TBM8	TBM12, 13642M
			Die Part Number / Color Code & Die Index Number / (Number of Crimps)										
LCA4/0	4/0 AWG	1-1/4	—	—	—	CD-720-3 Purple P54 (2)	CD-920-4/0 Purple P54 (2)	1 – 4/0 AWG (1)	CD-2001-4/0 Purple P54 (2)	—	Purple 54 (2)	Purple 54 (2)	Purple 54 (1)
LCAN4/0													
LCD4/0													
LCDN4/0													
SCS4/0		1											
LCA250	250 kcmil	1-5/16	—	—	—	CD-720-3 Yellow P62 (2)	CD-920-250 Yellow P62 (2)	1/0 AWG – 250 kcmil (2)	CD-2001-250 Yellow P62 (2)	—	Yellow 62 (2)	Yellow 62 (2)	Yellow 62 (1)
LCAN250													
LCD250													
LCDN250													
SCS250		1-1/16											
LCA300	300 kcmil	1-1/2	—	—	—	CD-720-4 White P66 (2)	CD-920-300 White P66 (2)	2/0 AWG – 300 kcmil (2)	CD-2001-300 White P66 (2)	—	—	White 66 (2)	White 66H② (1)
LCAN300													
LCD300													
LCDN300													
SCS300		1-1/16											
LCA350	350 kcmil	1-1/2	—	—	—	CD-720-5 Red P71 (2)	CD-920-350 Red P71 (2)	3/0 AWG – 350 kcmil (2)	CD-2001-350 Red P71 (2)	—	—	Red 71 (2)	Red 71H② (2)
LCAN350													
LCD350													
LCDN350													
SCS350		1-1/8											
LCA400	400 kcmil	1-9/16	—	—	—	CD-720-6 Blue P76 (2)	CD-920-400 Blue P76 (2)	4/0 AWG – 400 kcmil (2)	CD-2001-400 Blue P76 (3)	—	—	Blue 76 (2)	Blue 76H② (2)
LCAN400													
LCD400													
LCDN400													
SCS400		1-3/16											
LCA500	500 kcmil	1-13/16	—	—	—	CD-720-7 Brown P87 (2)	CD-920-500 Brown P87 (2)	4/0 AWG – 500 kcmil (2)	CD-2001-500 Brown P87 (3)	—	—	Brown 87 (2)	Brown 87H② (2)
LCAN500													
LCD500													
LCDN500													
SCS500		1-3/8											
LCA600	600 kcmil	1-13/16	—	—	—	—	CD-920-600 Green P94 (2)	250 – 600 kcmil (2)	—	—	—	—	Green 94H② (2)
LCAN600													
LCD600													
LCDN600													
SCS600		1-3/8											
LCA750	750 kcmil	1-15/16	—	—	—	—	CD920-750 CD-940-750④ Black P106 (2)	500 – 750 kcmil (2)	—	—	—	—	Black 106H② (2)
LCAN750													
LCD750													
LCDN750													
SCS750		1-5/8											
LCD1000	1000 kcmil	1-15/16	—	—	—	—	CD-940-1000④ White P125 (4)	—	—	—	—	—	—
SCS1000		1-7/8											

①The CT-1700 and CT-1701 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.
⑥Maximum size: 250 kcmil lugs and splices.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.
⑨LCAN2 lugs for use with #2 AWG and #3 AWG wire.
⑩Extended wire range when crimped with these *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCA, LCAN, LCD, LCDN and SCS (continued)

Thomas & Betts			Burndy					Anderson	Penn-Union	Greenlee
TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR, TBM750BSCR⑧	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y2MR, Y1MR, Y1MRTC	MY29	BAT35, Y35BH, Y750, Y39BH, Y750BH, Y750-2, Y750HS, Y750BH-2, Y39, PAT750, Y35, BAT750	Y45⑦, Y46⑦	Y644M, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
Die Part Number / Color Code & Die Index Number / (Number of Crimps)										
Purple 54H② (2)	STD (1)	Purple 54H② (2)	—-	4/0 (1)	U28RT Purple 15 (1)	U28RT Purple 15 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Yellow 62 (1)	STD (1)	Yellow 62 (1)	—-	250 (1)	U29RT Yellow 16 (1)	U29RT Yellow 16 (1)	STD (1)	STD (2)	STD (1)	STD (1)
White 66 (1)	STD (1)	White 66 (1)	—	—	U30RT White 17 (2)	U30RT White 17 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Red 71H② (2)	STD (1)	Red 71H② (2)	—	—	U31RT Red 18 (2)	U31RT Red 18 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Blue 76H② (2)	STD (1)	Blue 76 (1)	—	—	U32RT Blue 19 (2)	U32RT Blue 19 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Brown 87H② (2)	STD (1)	Brown 87H② (2)	—	—	U34RT Brown 20 (2)	U34RT Brown 20 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Green 94H② (2)	STD (1)	Green 94H② (2)	—	—	U36RT Green 22 (2)	U36RT Green 22 (2)	STD (1)	—	STD (1)	—
Black 106H② (2)	STD (1)	Black 106H② (2)	—	—	U39RT Black 24 (3)	U39RT Black 24 (3)	STD (1)	—	STD (1)	—
125H② (2)	—	125H② (2)	—	—	—	S44RT White 27 (4)	—	—	—	—

①The CT-1700 and CT-1701 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.
⑥Maximum size: 250 kcmil lugs and splices.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.
⑨LCAN2 lugs for use with #2 AWG and #3 AWG wire.
⑩Extended wire range when crimped with these *PANDUIT® UNI-DIE™* Dieless Crimping Tools.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL

PANDUIT Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (In.)	*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)							Thomas & Betts			
			CT-1570	CT-1701①	CT-1700①	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-2920, CT-2930, CT-2931, CT-930LPCH⑥, CT-940CH③, CT-2940③	*Uni-Die*™ CT-980, CT-980CH, CT-2950⑤, CT-2980, CT-2981, CT-980LPCH⑥ Extended Wire Range⑨	CT-2001, CT-2002	TBM20S, TBM25S	TBM5	TBM8	TBM12, 13642M
			Die Part Number / Color Code & Die Index Number / (Number Of Crimps)										
LCB10 **LCC10**	#14 – #10 AWG STR, #12 – #10 AWG SOL	9/16	12-10 (2)	P10 (2)	—	—	—	—	—	—	—	—	—
LCB8 **LCBN8** **LCC8** **LCCN8**	#8 AWG	3/4	—	—	Red P21 (3)	CD-720-1 Red P21 (2)	CD-920-8 Red P21 (1)	—	CD-2001-8 Red P21 (2)	Red 21 (3)	Red 21 (1)	Red 21 (1)	Red 21 (1)
SCL8		1-1/16											
LCB6 **LCBN6** **LCC6** **LCCN6**	#6 AWG	1-1/8	—	—	Blue P24 (3)	CD-720-1 Blue P24 (2)	CD-920-6 Blue P24 (1)	—	CD-2001-6 Blue P24 (2)	Blue 24 (3)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)
SCL6													
LCB4 **LCBN4** **LCC4** **LCCN4**	#4 – #3 AWG STR, #2 AWG SOL	1-1/8	—	—	Gray P29 (3)	CD-720-1 Gray P29 (2)	CD-920-4 Gray P29 (1)	#4 – #2 AWG #2 AWG SOL Only (1)	CD-2001-4 Gray P29 (2)	Gray 29 (3)	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)
SCL4													
LCB2 **LCBN2** **LCC2** **LCCN2**	#2 AWG	1-1/4	—	—	Brown P33 (3)	CD-720-1 Brown P33 (2)	CD-920-2 Brown P33 (1)	#6 – #2 AWG (1)	CD-2001-2 Brown P33 (2)	Brown 33 (3)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)
SCL2													
LCB1 **LCBN1** **LCC1** **LCCN1**	#1 AWG	1-7/16	—	—	Green P37 (4)	CD-720-2 Green P37 (2)	CD-920-1 Green P37 (1)	#6 – #1 AWG (1)	CD-2001-1 Green P37 (2)	—	Green 37 (1)	Green 37 (1)	Green 37 (1)
SCL1		1-3/8											
LCB1/0 **LCBN1/0** **LCC1/0** **LCCN1/0**	1/0 AWG	1-1/2	—	—	—	CD-720-2 Pink P42 (2)	CD-920-1/0 Pink P42 (2)	#6 – 1/0 AWG (2)	CD-2001-1/0 Pink P42 (2)	—	Pink 42 (2)	Pink 42 (2)	Pink 42 (2)
SCL1/0		1-3/8											
LCB2/0 **LCBN2/0** **LCC2/0** **LCCN2/0**	2/0 AWG	1-9/16	—	—	—	CD-720-2 Black P45 (3)	CD-920-2/0 Black P45 (3)	#4 – 2/0 AWG (2)	CD-2001-2/0 Black P45 (3)	—	Black 45 (3)	Black 45 (3)	Black 45 (2)
SCL2/0		1-1/2											
LCB3/0 **LCBN3/0** **LCC3/0** **LCCN3/0**	3/0 AWG	1-9/16	—	—	—	CD-720-2 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	#2 – 3/0 AWG (2)	CD-2001-3/0 Orange P50 (3)	—	Orange 50 (3)	Orange 50 (3)	Orange 50 (2)
SCL3/0		1-1/2											
LCB4/0 **LCBN4/0** **LCC4/0** **LCCN4/0**	4/0 AWG	1-5/8	—	—	—	CD-720-3 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	#1 – 4/0 AWG (2)	CD-2001-4/0 Purple P54 (3)	—	Purple 54 (3)	Purple 54 (3)	Purple 54 (2)
SCL4/0													
LCB250 **LCBN250** **LCC250** **LCCN250**	250 kcmil	1-11/16	—	—	—	CD-720-3 Yellow P62 (4)	CD-920-250 Yellow P62 (3)	1/0 AWG – 250 kcmil (3)	CD-2001-250 Yellow P62 (3)	—	Yellow 62 (4)	Yellow 62 (4)	Yellow 62 (2)
SCL250		1-5/8											

①The CT-1700 and CT-1701 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.
⑥Maximum size: 250 kcmil lugs and splices.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.
⑨Extended wire range when crimped with these *PANDUIT*® *Uni-Die*™ Dieless Crimping Tools.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL (continued)

Thomas & Betts			Burndy					Anderson	Penn-Union	Greenlee
TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM750BSCR⑧, TBM8-750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	Y2MR, Y1MR, Y1MRTC	MY29	Y35, Y35BH, Y39, Y39BH, Y750, Y750-2, Y750BH, Y750HS, Y750BH-2, PAT750, BAT750, BAT35	Y45⑦, Y46⑦	Y644M, Y644HS, Y644MBH, PAT644, BAT644	VC6	TDY-1	1989
Die Part Number / Color Code & Die Index Number / (Number of Crimps)										
—	—	—	—	—	—	—	—	—	—	—
Red 21 (1)	STD (1)	Red 21 (1)	Red 49 (2)	#8 (1)	U8CRT Red 49 (1)	U8CRT Red 49 (1)	—	—	—	—
Blue 24 (1)	STD (1)	Blue 24 (1)	Blue 7 (2)	#6 (1)	U5CRT Blue 7 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
Gray 29 (1)	STD (1)	Gray 29 (1)	Gray 8 (2)	#4 (1)	U4CRT Gray 8 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	—	STD (1)
Brown 33 (1)	STD (1)	Brown 33 (1)	Brown 10 (2)	#2 (1)	U2CRT Brown 9 (solid)/ Brown 10 (stranded) (2)	U2CRT Brown 9 (solid)/ Brown 01 (stranded) (2)	STD (1)	STD (1)	STD (1)	STD (1)
Green 37 (1)	STD (1)	Green 37 (1)	—	#1 (1)	U1CRT Green 11 (2)	U1CRT Green 11 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Pink 42H② (4)	STD (2)	Pink 42H② (4)	—	1/0 (2)	U25RT Pink 12 (2)	U25RT Pink 12 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Black 45 (2)	STD (2)	Black 45 (2)	—	2/0 (2)	U26RT Black 13 (2)	U26RT Black 13 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Orange 50 (2)	STD (2)	Orange 50 (2)	—	3/0 (2)	U27RT Orange 14 (2)	U27RT Orange 14 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Purple 54H② (4)	STD (2)	Purple 54H② (4)	—	4/0 (2)	U28RT Purple 15 (2)	U28RT Purple 15 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Yellow 62 (2)	STD (2)	Yellow 62 (2)	—	250 (2)	U29RT Yellow 16 (2)	U29RT Yellow 16 (2)	STD (1)	STD (2)	STD (1)	STD (1)

①The CT-1700 and CT-1701 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.
⑥Maximum size: 250 kcmil lugs and splices.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.
⑨Extended wire range when crimped with these *PANDUIT® UNI-DIE™* Dieless Crimping Tools.

Chart continues on pages D2.156–D2.157

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL (continued)

			PANDUIT (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)							Thomas & Betts			
PANDUIT Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (In.)	CT-1570	CT-1701①	CT-1700①	CT-720	CT-920, CT-920CH, CT-930, CT-930CH, CT-2920, CT-2930, CT-2931, CT-930LPCH⑥, CT-940CH③, CT-2940③	*UNI-DIE*™ CT-980, CT-980CH, CT-2950⑤, CT-2980, CT2981, CT-980LPCH⑥ Extended Wire Range⑨	CT-2001, CT-2002	TBM20S, TBM25S	TBM5	TBM8	TBM12, 13642M
			Die Part Number / Color Code & Die Index Number / (Number Of Crimps)										
LCB300 LCBN300 LCC300 LCCN300	300 kcmil	2-5/16	—	—	—	CD-720-4 White P66 (4)	CD-920-300 White P66 (3)	2/0 AWG – 300 kcmil (3)	CD-2001-300 White P66 (3)	—	—	White 66 (4)	White 66② (4)
SCL300		2											
LCB350 LCBN350 LCC350 LCCN350	350 kcmil	2-5/16	—	—	—	CD-720-5 Red P71 (4)	CD-920-350 Red P71 (3)	3/0 AWG – 350 kcmil (3)	CD-2001-350 Red P71 (3)	—	—	Red 71 (4)	Red 71H② (4)
SCL350		2											
LCB400 LCBN400 LCC400 LCCN400	400 kcmil	2-3/8	—	—	—	CD-720-6 Blue P76 (4)	CD-920-400 Blue P76 (3)	4/0 AWG – 400 kcmil (3)	CD-2001-400 Blue P76 (4)	—	—	Blue 76 (4)	Blue 76H② (4)
SCL400		2-1/8											
LCB500 LCBN500 LCC500 LCCN500	500 kcmil	2-9/16	—	—	—	CD-720-7 Brown P87 (4)	CD-920-500 Brown P87 (3)	4/0 AWG – 500 kcmil (3)	CD-2001-500 Brown P87 (4)	—	—	Brown 87 (4)	Brown 87H② (4)
SCL500		2-1/4											
LCB600 LCBN600 LCC600 LCCN600	600 kcmil	2-3/4	—	—	—	—	CD-920-600 Green P94 (4)	250 – 600 kcmil (3)	—	—	—	—	Green 94H② (4)
SCL600		2-11/16											
LCB750 LCBN750 LCC750 LCCN750	750 kcmil	2-15/16	—	—	—	—	CD-920-750 CD-940-750④ Black P106 (4)	500 – 750 kcmil (3)	—	—	—	—	Black 106H② (4)
SCL750		2-7/8											
LCB800 LCBN800 LCC800 LCCN800	800 kcmil	3	—	—	—	—	CD-940-800④ Orange P107 (4)	—	—	—	—	—	—
LCB1000 LCBN1000 LCC1000 LCCN1000	1000 kcmil	3-1/16	—	—	—	—	CD-940-1000④ White P125 (4)	—	—	—	—	—	Yellow 125H② (4)
SCL1000		3											

①The CT-1700 and CT-1701 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.
⑥Maximum size: 250 kcmil lugs and splices.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.
⑨Extended wire range when crimped with these *PANDUIT*® *UNI-DIE*™ Dieless Crimping Tools.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCB, LCBN, LCC, LCCN and SCL (continued)

Thomas & Betts			Burndy					Anderson	Penn-Union	Greenlee
TBM15 TBM15I TBM15BSCR	TBM8-750M-1 TBM8-750 TBM750BSCR⑧ TBM8-750BSCR	TBM14M TBM14BSCR BPLT14BSCR 13100A	Y2MR Y1MR Y1MRTC	MY29	Y35, Y35BH, Y39, Y39BH, Y750, Y750-2, Y750BH, Y750HS, Y750BH-2, PAT750, BAT750, BAT35	Y45⑦, Y46⑦	Y644M, Y644HS, Y644MBH, PAT644, BAT644	VC6	TDY-1	1989
Die Part Number / Color Code & Die Index Number / (Number Of Crimps)										
White 66 (3)	STD (3)	White 66 (3)	—	—	U30RT White 17 (3)	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Red 71H② (4)	STD (3)	Red 71 (4)	—	—	U31RT Red 18 (3)	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Blue 76H② (4)	STD (3)	Blue 76 (4)	—	—	U32RT Blue 19 (3)	U32RT Blue 19 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Brown 87H② (4)	STD (3)	Brown 87 (4)	—	—	U34RT Brown 20 (3)	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Green 94H② (4)	STD (4)	Green 94 (4)	—	—	U36RT Green 22 (4)	U36RT Green 22 (4)	STD (1)	—	STD (4)	—
Black 106H② (4)	STD (4)	Black 106 (4)	—	—	U39RT Black 24 (5)	U39RT Black 24 (5)	STD (1)	—	STD (2)	—
—	—	—	—	—	—	—	—	—	—	—
125H② (4)	—	125H② (4)	—	—	—	S44RT White 27 (6)	—	—	—	—

①The CT-1700 and CT-1701 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.
⑥Maximum size: 250 kcmil lugs and splices.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.
⑨Extended wire range when crimped with these *PANDUIT® UNI-DIE™* Dieless Crimping Tools.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCBH, LCCH and SCH

PANDUIT Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (In.)	*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)					Thomas & Betts		
			CT-1700①	CT-720	CT-920, CT-920CH, CT-2920, CT-930, CT-930CH, CT-2930, CT2931, CT-930LPCH⑥, CT-940CH③, CT-2940③	*Uni-Die*™ CT-980, CT-980CH, CT-2950⑤, CT-2980⑨, CT-2981⑨, CT-980LPCH⑥ Extended Wire Range⑩	CT-2001, CT-2002	TBM5	TBM8	TBM12 13642M
			Die Part Number / Color Code & Die Index Number / (Number Of Crimps)							
LCBH6 LCCH6	#6 AWG	1-1/8	Blue P24 (3)	CD-720-1 Blue P24 (2)	CD-920-6 Blue P24 (1)	—	CD-2001-6 Blue P24 (2)	Blue 24 (1)	Blue 24 (1)	Blue 24 (1)
SCH6		15/16								
LCBH4 LCCH4	#4 AWG	1-1/8	Gray P29 (3)	CD-720-1 Gray P29 (2)	CD-920-4 Gray P29 (1)	#2 AWG SOL, #3 AWG STR (1)	CD-2001-4 Gray P29 (2)	Gray 29 (1)	Gray 29 (1)	Gray 29 (1)
SCH4		15/16								
LCBH2 LCCH2	#2 AWG	1-1/4	Brown P33 (3)	CD-720-1 Brown P33 (2)	CD-920-2 Brown P33 (1)	#6 – #4 AWG (1)	CD-2001-2 Brown P33 (2)	Brown 33 (1)	Brown 33 (1)	Brown 33 (1)
SCH2		1								
LCBH1 LCCH1	#1 AWG	1-7/16	Green P37 (3)	CD-720-2 Green P37 (2)	CD-920-1 Green P37 (1)	#6 – #2 AWG (1)	CD-2001-1 Green P37 (2)	Green 37 (1)	Green 37 (1)	Green 37 (1)
SCH1		1								
LCBH1/0 LCCH1/0	1/0 AWG	1-1/2	—	CD-720-2 Pink P42 (2)	CD-920-1/0 Pink P42 (2)	#6 – #1 AWG (2)	CD-2001-1/0 Pink P42 (2)	Pink 42 (2)	Pink 42 (2)	Pink 42 (2)
SCH1/0		1								
LCBH2/0 LCCH2/0	2/0 AWG	1-9/16	—	CD-720-2 Black P45 (3)	CD-920-2/0 Black P45 (3)	#4 – 1/0 AWG (2)	CD-2001-2/0 Black P45 (3)	Black 45 (3)	Black 45 (3)	Black 45 (2)
SCH2/0		1-1/16								
LCBH3/0 LCCH3/0	3/0 AWG	1-9/16	—	CD-720-2 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	#2 – 2/0 AWG (2)	CD-2001-3/0 Orange P50 (3)	Orange 50 (3)	Orange 50 (3)	Orange 50 (2)
SCH3/0		1-3/16								
LCBH4/0 LCCH4/0	4/0 AWG	1-5/8	—	CD-720-3 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	#1 – 3/0 AWG (2)	CD-2001-4/0 Purple P54 (3)	Purple 54 (3)	Purple 54 (3)	Purple 54 (3)
SCH4/0		1-3/16								
LCBH250 LCCH250	250 kcmil	1-11/16	—	CD-720-3 Yellow P62 (4)	CD-920-250 Yellow P62 (3)	1/0 – 4/0 AWG (3)	CD-2001-250 Yellow P62 (3)	Yellow 62 (4)	Yellow 62 (4)	Yellow 62 (2)
SCH250		1-1/4								
LCBH300 LCCH300	300 kcmil	2-5/16	—	CD-720-4 White P66 (4)	CD-920-300 White P66 (3)	2/0 AWG – 250 kcmil (3)	CD-2001-300 White P66 (3)	—	White 66 (4)	White 66H② (4)
SCH300		2								
LCBH350 LCCH350	350 kcmil	2-5/16	—	CD-720-5 Red P71 (4)	CD-920-350 Red P71 (3)	3/0 AWG – 300 kcmil (3)	CD-2001-350 Red P71 (3)	—	Red 71 (4)	Red 71H② (4)
SCH350		2								
LCBH400 LCCH400	400 kcmil	2-3/8	—	CD-720-6 Blue P76 (4)	CD-920-400 Blue P76 (3)	4/0 AWG – 350 kcmil (3)	CD-2001-400 Blue P76 (4)	—	Blue 76 (4)	Blue 76H② (4)
SCH400		2-1/8								
LCBH500 LCCH500	500 kcmil	2-9/16	—	CD-720-7 Brown P87 (4)	CD-920-500 Brown P87 (3)	4/0 AWG – 400 kcmil (3)	CD-2001-500 Brown P87 (4)	—	Brown 87 (4)	Brown 87H② (4)
SCH500		2-1/4								
LCBH600 LCCH600	600 kcmil	2-3/4	—	—	CD-920-600 Green P94 (4)	250 – 500 kcmil (3)	—	—	—	Green 94H② (4)
SCH600		2-11/16								
LCBH750 LCCH750	750 kcmil	2-15/16	—	—	CD-920-750, CD-940-750④ Black P106 (4)	500 – 600 kcmil (3)	—	—	—	Black 106H② (4)
SCH750		2-7/8								
LCBH1000 LCCH1000	1000 kcmil	3-1/16	—	—	CD-940-1000④ Green P125 (4)	—	—	—	—	125H② (4)
SCH1000		3								

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.
⑥Maximum size: 250 kcmil lugs and splices.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.
⑨Maximum size: 500 kcmil lugs and splices.
⑩Extended wire range when crimped with these *PANDUIT*® *Uni-Die*™ Dieless Crimping Tools.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCBH, LCCH and SCH (continued)

Thomas & Betts			Burndy				Anderson	Penn-Union	Greenlee
TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR TBM750BSCR⑧	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	MY29	Y39, Y35, Y35BH, BAT35, Y750, Y750BH-2, Y750HS, Y750-2, BAT750, PAT750, Y39BH, Y750BH	Y45⑦, Y46⑦	Y644, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
Die Part Number / Color Code & Die Index Number / (Number Of Crimps)									
Blue 24 (1)	STD (1)	Blue 24 (1)	6 (1)	U5CRT Blue 7 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
Gray 29 (1)	STD (1)	Gray 29 (1)	4 (1)	U4CRT Gray 8 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	—	STD (1)
Brown 33 (1)	STD (1)	Brown 33 (1)	2 (1)	U2CRT Brown 10 (2)	U2CRT Brown 10 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Green 37 (1)	STD (1)	Green 37 (1)	1 (1)	U1CRT Green 11 (2)	U1CRT Green 11 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Pink 42H② (4)	STD (2)	Pink 42H② (4)	1/0 (2)	U25RT Pink 12 (2)	U25RT Pink 12 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Black 45 (2)	STD (2)	Black 45 (2)	2/0 (2)	U26RT Black 13 (2)	U26RT Black 13 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Orange 50 (2)	STD (2)	Orange 50 (2)	3/0 (2)	U27RT Orange 14 (2)	U27RT Orange 14 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Purple 54H② (4)	STD (2)	Purple 54H② (4)	4/0 (2)	U28RT Purple 15 (2)	U28RT Purple 15 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Yellow 62 (2)	STD (2)	Yellow 62 (2)	250 (2)	U29RT Yellow 16 (2)	U29RT Yellow 16 (2)	STD (1)	STD (2)	STD (2)	STD (1)
White 66H② (4)	STD (3)	White 66 (4)	—	U30RT White 17 (3)	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Red 71H② (4)	STD (3)	Red 71H② (4)	—	U31RT Red 18 (3)	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Blue 76H② (4)	STD (3)	Blue 76 (4)	—	U32RT Blue 19 (3)	U32RT Blue 19 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Brown 87H② (4)	STD (3)	Brown 87H② (4)	—	U34RT Brown 20 (3)	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Green 94H② (4)	STD (4)	Green 94H② (4)	—	U36RT Green 22 (4)	U36RT Green 22 (4)	STD (1)	—	STD (2)	—
Black 106H② (4)	STD (4)	Black 106H② (4)	—	U39RT Black 24 (5)	U39RT Black 24 (5)	STD (1)	—	STD (2)	—
125H② (4)	—	125H② (4)	—	—	S44RT White 27 (6)	—	—	—	—

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
⑤Maximum size: 500 kcmil lugs and 250 kcmil splices.
⑥Maximum size: 250 kcmil lugs and splices.
⑦Requires U die adapter.
⑧Minimum size: #4 AWG lugs and splices.
⑨Maximum size: 500 kcmil lugs and splices.
⑩Extended wire range when crimped with these *PANDUIT® UNI-DIE™* Dieless Crimping Tools.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type SCT

			PANDUIT (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)					Thomas & Betts	
PANDUIT Part Number	Std. Wire Size Main / Tap	Wire Strip Length (In.) Main / Tap	CT-1700①	CT-720	CT-920, CT-920CH, CT-2920, CT-930, CT-930CH, CT-2930, CT-2931, CT-940CH③ CT-2940③	*Uni-Die*™ CT-980, CT-980CH, CT-2950④, CT-2980, CT-2981	CT-2001, CT-2002	TBM5	TBM8
			Die Part Number / Color Code & Die Index Number / (Number of Crimps)						
SCT2-2	#2 AWG	2	Brown P33 (3)	CD-720-1 Brown P33 (2)	CD-920-2 Brown P33 (1)	STD (1)	CD-2001-2 Brown P33 (2)	Brown (1)	Brown (1)
	#2 AWG	1-9/16							
SCT1/0-1/0	1/0 AWG	2-1/16	Pink P42 (3)	CD-720-2 Pink P42 (2)	CD-920-1/0 Pink P42 (2)	STD (1)	CD-2001-1/0 Pink P42 (2)	Pink (2)	Pink (2)
	1/0 AWG	1-9/16							
SCT2/0-2/0	2/0 AWG	2-1/16	—	CD-720-2 Black P45 (3)	CD-920-2/0 Black P45 (3)	STD (1)	CD-2001-2/0 Black P45 (3)	Black (3)	Black (3)
	2/0 AWG	1-9/16							
SCT4/0-1/0	4/0 AWG	2-1/16	—	CD-720-2 Orange P50 (3)	CD-920-3/0 Orange P50 (3)	STD (1)	CD-2001-3/0 Orange P50 (3)	Orange (3)	Orange (3)
	1/0 AWG	1-9/16		CD-720-2 Pink P42 (3)	CD-920-1/0 Pink P42 (3)		CD-2001-1/0 Pink P42 (3)	Pink (3)	Pink (3)
SCT4/0-4/0	4/0 AWG	2-1/8	—	CD-720-3 Purple P54 (3)	CD-920-4/0 Purple P54 (3)	STD (1)	CD-2001-4/0 Purple P54 (3)	Purple (3)	Purple (3)
	4/0 AWG	1-11/16							
SCT250-250	250 kcmil	2-3/16	—	CD-720-3 Yellow P62 (4)	CD-920-250 Yellow P62 (3)	STD (1)	CD-2001-250 Yellow P62 (3)	Yellow (4)	Yellow (4)
	250 kcmil	1-11/16							
SCT300-300	300 kcmil	2-13/16	—	CD-720-4 White P65 (4)	CD-920-300 White P65 (3)	STD (1)	CD-2001-300 White P66 (3)	—	White (4)
	300 kcmil	2-1/16							
SCT350-350	350 kcmil	2-13/16	—	CD-720-5 Red P71 (4)	CD-920-350 Red P71 (3)	STD (1)	CD-2001-350 Red P71 (3)	—	Red (4)
	350 kcmil	2-1/16							
SCT500-4/0	500 kcmil	2-15/16	—	CD-720-7 Brown P87 (4)	CD-920-500 Brown P87 (3)	STD (1)	CD-2001-500 Brown P87 (4)	—	Brown (4)
	4/0 AWG	2-15/16		CD-720-3 Purple P54 (4)	CD-920-4/0 Purple P54 (4)		CD-2001-4/0 Purple P54 (4)	—	Purple (4)
SCT500-500	500 kcmil	3-1/8	—	CD-720-7 Brown P87 (4)	CD-920-500 Brown P87 (3)	STD (1)	CD-2001-500 Brown P87 (4)	—	Brown (4)
	500 kcmil	2-9/16							

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④Maximum size: 250 kcmil.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type SCT (continued)

Thomas & Betts				Burndy			Anderson	Penn-Union	Greenlee
TBM12 13642M	TBM15, TBM15I, TBM15BSCR	TBM8-750M-1, TBM8-750, TBM8-750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	MY29	Y39, Y35, Y35BH, Y750HS, Y750, BAT35, Y45, Y39BH, Y46, Y750-2, BAT750, PAT750, Y750BH-2, Y750BH	Y644, Y644HS, PAT644, BAT644, Y644MBH	VC6	TDY-1	1989
Die Part Number / Color Code & Die Index Number / (Number of Crimps)									
Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)	2 (1)	U2CRT Brown 10 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Pink 42H② (2)	Pink 42H② (4)	STD (2)	Pink 42H② (4)	1/0 (2)	U25RT Pink 12 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Black 45 (2)	Black 45 (2)	STD (2)	Black 45 (2)	2/0 (2)	U26RT Black 13 (2)	STD (1)	STD (1)	STD (1)	STD (1)
Orange 50 (2)	Orange 50 (2)	STD (2)	Orange 50 (2)	3/0 (2)	U27RT Orange 14 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Pink 42 (2)	Pink 42H② (4)		Pink 42H② (4)	1/0 (2)	U25RT Pink 12 (2)				
Purple 54 (2)	Purple 54H② (4)	STD (2)	Purple 54H② (4)	4/0 (2)	U28RT Purple 15 (2)	STD (1)	STD (2)	STD (1)	STD (1)
Yellow 62 (2)	Yellow 62 (2)	STD (2)	Yellow 62 (2)	250 (2)	U29RT Yellow 16 (2)	STD (1)	STD (2)	STD (1)	STD (1)
White 66H② (4)	White 66H② (4)	STD (3)	White 66H② (4)	—	U30RT White 17 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Red 71H② (4)	Red 71H② (4)	STD (3)	Red 71 (3)	—	U31RT Red 18 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Brown 87H② (4)	Brown 87H② (4)	STD (3)	Brown 87 (3)	—	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)
Olive 54 (4)	Olive 54H② (4)		Olive 54H② (3)	—	U28RT Purple 15 (3)				
Brown 87H② (4)	Brown 87H② (4)	STD (3)	Brown 87H② (4)	—	U34RT Brown 20 (3)	STD (1)	STD (3)	STD (2)	STD (1)

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④Maximum size: 250 kcmil.

For use with Copper Conductors

Installation Tooling and Die Selections for:
Type PS

	Circular Mil Range		*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)				Thomas & Betts	
PANDUIT Part Number	Min.	Max.	CT-720	CT-920, CT-930, CT-930CH, CT-2920, CT-2930, CT-2931, CT-940②, CT-940CH②	*UNI-DIE*™ CT-980, CT-980CH, CT-2950, CT-2980, CT-2981	CT-2001, CT-2002	TBM5, TBM8	TBM12, 13642M
			Die Part Number / Color Code & Die Index Number / (Number of Crimps)					
PS8	19,000	25,000	CD-720-1 Red P21 (1)	CD-920-8 Red P21 (1)	—	CD-2001-8 Red P21 (1)	Red (1)	Red 21 (1)
PS6	25,000	40,000	CD-720-1 Blue P24 (1)	CD-920-6 Blue P24 (1)	STD (1)	CD-2001-6 Blue P24 (1)	Blue (1)	Blue 24 (1)
PS4	40,000	65,000	CD-720-1 Gray P29 (1)	CD-920-4 Gray P29 (1)	STD (1)	CD-2001-4 Gray P29 (1)	Gray (1)	Gray 29 (1)
PS2	65,000	100,000	CD-720-1 Brown P33 (1)	CD-920-2 Brown P33 (1)	STD (1)	CD-2001-2 Brown P33 (1)	Brown (1)	Brown 33 (1)
PS1	100,00	130,000	CD-720-2 Green P37 (1)	CD-920-1 Green P37 (1)	STD (1)	CD-2001-1 Green P37 (1)	Green (1)	Green 37 (1)
PS1/0	130,000	160,000	CD-720-2 Pink P42 (2)	CD-920-1/0 Pink P42 (1)	STD (1)	CD-2001-1/0 Pink P42 (2)	Pink (2)	Pink 42 (1)
PS2/0	160,000	200,000	CD-720-2 Black P45 (2)	CD-920-2/0 Black P45 (1)	STD (1)	CD-2001-2/0 Black P45 (2)	Black (2)	Black 45 (1)
PS3/0	200,000	240,000	CD-720-2 Orange P50 (2)	CD-920-3/0 Orange P50 (1)	STD (1)	CD-2001-3/0 Orange P50 (2)	Orange (2)	Orange 50 (1)
PS4/0	240,000	280,000	CD-720-3 Purple P54 (2)	CD-920-4/0 Purple P54 (1)	STD (1)	CD-2001-4/0 Purple P54 (2)	Purple (2)	Purple 54 (1)

①Half width dies.
②CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type PS (continued)

Thomas & Betts				Burndy			Anderson	Penn-Union	Greenlee
TBM15, TBM15I, TBM15BSCR	TBM20S, TBM25S	TBM8-750M-1, TBM8-750, TBM8-750BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	MY29	Y35, Y35BH, Y39, Y39BH, Y45, Y46, Y750, Y750-2, Y750BH, Y750BH-2, Y750HS, PAT750, BAT35, BAT750	Y644M, Y644MBH, Y644HS, PAT644, BAT644, Y644	VC6	TDY-1	1989
Die Part Number / Color Code & Die Index Number / (Number Of Crimps)									
Red 21 (1)	Red 21 (1)	STD (1)	Red 21 (1)	#8 (1)	U8CRT Red 49 (1)	—	—	—	—
Blue 24 (1)	Blue 24 (1)	STD (1)	Blue 24 (1)	#6 (1)	U5CRT Blue 7 (1)	STD (1)	STD (1)	—	—
Gray 29 (1)	Gray 29 (1)	STD (1)	Gray 29 (1)	#4 (1)	U4CRT Gray 8 (1)	STD (1)	STD (1)	—	STD (1)
Brown 33 (1)	Brown 33 (1)	STD (1)	Brown 33 (1)	#2 (1)	U2CRT Brown 10 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Green 37 (1)	—	STD (1)	Green 37 (1)	#1 (1)	U1CRT Green 11 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Pink 42H① (2)	—	STD (1)	Pink 42H① (2)	1/0 (1)	U25RT Pink 12 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Black 45 (1)	—	STD (1)	Black 45 (1)	2/0 (1)	U26RT Black 13 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Orange 50 (1)	—	STD (1)	Orange (50)	3/0 (1)	U257RT Orange 14 (1)	STD (1)	STD (1)	STD (1)	STD (1)
Purple 54H① (2)	—	STD (1)	Purple 54H① (2)	4/0 (1)	U28RT Purple 15 (1)	STD (1)	STD (1)	STD (1)	STD (1)

①Half width dies.
②CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAX, LCAXN, LCBX, LCDX, LCDXN, LCCX, LCEX and LCJX

PANDUIT Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)		
				CT-1700①	CT-2001, CT-2002	CT-920, CT-920CH, CT-2920, CT-930, CT-930CH, CT-2930, CT-2931, CT-2940③, CT-940CH③
				Die Part Number / Color Code & Die Index Number / (Number Of Crimps)		
LCAX8, LCDX8, LCDXN8, LCEX8, LCJX8	#8 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	1/2	Red P21 (2)	CD-2001-8 Red P21 (1)	CD-920-8 Red P21 (1)
LCBX8, LCCX8			3/4	Red P21 (3)	CD-2001-8 Red P21 (2)	
LCAX6, LCDX6, LCDXN6, LCEX6, LCJX6	#6 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	9/16	Blue P24 (2)	CD-2001-6 Blue P24 (1)	CD-920-6 Blue P24 (1)
LCBX6, LCCX6			1-1/8	Blue P24 (3)	CD-2001-6 Blue P24 (2)	
LCAX4, LCDX4, LCDXN4, LCEX4, LCJX4	#4 AWG	Compact, B, G, H, I, K, M	5/8	Gray P29 (2)	CD-2001-4 Gray P29 (1)	CD-920-4 Gray P29 (1)
	#5, #4, #3 AWG	Locomotive (DLO)				
LCBX4, LCCX4	#4 AWG	Compact, B, G, H, I, K, M	1-1/8	Gray P29 (3)	CD-2001-4 Gray P29 (2)	
	#5, #4, #3 AWG	Locomotive (DLO)				
LCAX2, LCDX2, LCDXN2, LCEX2, LCJX2	#2 AWG	Compact, B, G, H, I, M, Locomotive (DLO)	11/16	Brown P33 (2)	CD-2001-2 Brown P33 (1)	CD-920-2 Brown P33 (1)
LCBX2, LCCX2			1-7/16	Brown P33 (3)	CD-2001-2 Brown P33 (2)	
LCAX1, LCDX1, LCDXN1, LCEX1, LCJX1	#1 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	3/4	—	CD-2001-1 Green P37 (1)	CD-920-1 Green P37 (1)
LCBX1, LCCX1			1-1/2		CD-2001-1 Green P37 (2)	CD-920-1 Green P37 (2)
LCAX1/0, LCDX1/0, LCDXN1/0, LCEX1/0, LCJX1/0	1/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	3/4	—	CD-2001-1/0 Pink P42 (2)	CD-920-1/0 Pink P42 (1)
LCBX1/0, LCCX1/0			1-9/16		CD-2001-1/0 Pink P42 (3)	CD-920-1/0 Pink P42 (3)
LCAX2/0, LCDX2/0, LCDXN2/0, LCEX2/0, LCJX2/0	2/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	7/8	—	CD-2001-2/0 Black P45 (2)	CD-920-2/0 Black P45 (1)
LCBX2/0, LCCX2/0			1-9/16		CD-2001-2/0 Black P45 (3)	CD-920-2/0 Black P45 (3)
LCAX3/0, LCDX3/0, LCDXN3/0, LCEX3/0, LCJX3/0	3/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	1	—	CD-2001-3/0 Orange P50 (2)	CD-920-3/0 Orange P50 (1)
LCBX3/0, LCCX3/0			1-5/8		CD-2001-3/0 Orange P50 (3)	CD-920-3/0 Orange P50 (3)

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
⑤Requires U die adapter.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAX, LCAXN, LCBX, LCDX, LCDXN, LCCX, LCEX and LCJX (continued)

Thomas & Betts						Burndy			
TBM12	TBM8	TBM6, 25000	TBM6BSCR, TBM6H	TBM8-750, TBM8-750M-1	TBM14BSCR, TBM14M, TBM15	BCT500HS, Y500CT-HS	Y644M	Y35, Y39, Y750, Y46⑤, Y750-2, Y750BH, BAT35-14V, BAT750-14V, PAT750-18V	MRC840
Die Part Number / Color Code & Die Index Number / (Number Of Crimps)									
TBM12D-1 Red 21 (1)	13461 Red 21 (1)	13475 & 13477 Red 21 (1)	6TON21 Red 21 (1)	STD (1)	15520 Red 21 (1)	W8CRT Red 49 (1)	—	U8CRT Red 49 (1)	Red 49 (1)
TBM12D-1 Red 21 (2)	13461 Red 21 (2)	13475 & 13477 Red 21 (2)	6TON21 Red 21 (2)	STD (2)	15520 Red 21 (2)	W8CRT Red 49 (2)		U8CRT Red 49 (2)	Red 49 (2)
TBM12D-1 Blue 24 (1)	13461 Blue 24 (1)	13475 & 13477 Blue 24 (1)	6TON24 Blue 24 (1)	STD (1)	15522 Blue 24 (1)	W5CRT Blue 7 (1)	(1)	U5CRT Blue 7 (1)	Blue 7 (1)
TBM12D-1 Blue 24 (2)	13461 Blue 24 (2)	13475 & 13477 Blue 24 (2)	6TON24 Blue 24 (2)	STD (2)	15522 Blue 24 (2)	W5CRT Blue 7 (2)	(2)	U5CRT Blue 7 (2)	Blue 7 (2)
TBM12D-2 Gray 29 (1)	13461 Gray 29 (1)	13472 & 13476 Gray 29 (1)	6TON29 Gray 29 (1)	STD (1)	15527-CK Gray 29 (1)	W4CRT Gray 8 (1)	(1)	U4CRT Gray 8 (1)	—
TBM12D-2 Gray 29 (3)	13461 Gray 29 (2)	13472 & 13476 Gray 29 (3)	6TON29 Gray 29 (2)	STD (3)	15527-CK Gray 29 (2)	W4CRT Gray 8 (2)	(2)	U4CRT Gray 8 (2)	
TBM12D-2 Brown 33 (1)	13461 Brown 33 (1)	13474 & 13477 Brown 33 (1)	6TON33 Brown 33 (1)	STD (1)	15528 Brown 33 (1)	W2CRT Brown 10 (1)	(1)	U2CRT Brown 10 (1)	—
TBM12D-2 Brown 33 (3)	13461 Brown 33 (3)	13474 & 13477 Brown 33 (3)	6TON33 Brown 33 (2)	STD (3)	15528 Brown 33 (2)	W2CRT Brown 10 (2)	(2)	U2CRT Brown 10 (2)	
TBM12D-1 Green 37 (1)	13462 Green 37 (1)	13474 & 13477 Green 37 (1)	6TON37 Green 37 (1)	STD (1)	15513-CK Green 37 (1)	W1CRT-1 Green 11 (1)	(1)	U1CRT Green 11 (1)	—
TBM12D-3 Green 37 (3)	13462 Green 37 (3)	13474 & 13477 Green 37 (3)	6TON37 Green 37 (2)	STD (3)	15513-CK Green 37 (2)	W1CRT-1 Green 11 (2)	(2)	U1CRT Green 11 (2)	
TBM12D-3 Pink 42 (1)	13462 Pink 42 (1)	13475 & 13477 Pink 42 (2)	6TON42 Pink 42 (2)	STD (1)	15508 Pink 42 (2)	W25RT Pink 12 (2)	(1)	U25RT Pink 12 (1)	—
TBM12D-3 Pink 42 (3)	13462 Pink 42 (3)	13475 & 13477 Pink 42 (3)	6TON42 Pink 42 (3)	STD (3)	15508 Pink 42 (3)	W25RT Pink 12 (3)	(2)	U25RT Pink 12 (2)	
TBM12D-4 Blk/Gold 45 (1)	13462 Black 45 (2)	13474 & 13477 Black 45 (2)	6TON45 Black 45 (2)	STD (1)	15526 Black 45 (1)	W26RT Black 13 (2)	(1)	U26RT Black 13 (1)	—
TBM12D-4 Blk/Gold 45 (3)	13462 Black 45 (4)	13474 & 13477 Black 45 (3)	6TON45 Black 45 (3)	STD (3)	15526 Black 45 (2)	W26RT Black 13 (3)	(2)	U26RT Black 13 (2)	
TBM12D-4 Org/Tan 50 (1)	13462 Orange 50 (2)	13474 & 13477 Orange 50 (2)	6TON50 Orange 50 (2)	STD (1)	15530 Orange 50 (2)	W27RT Orange 14 (2)	(1)	U27RT Orange 14 (1)	—
TBM12D-4 Org/Tan 50 (3)	13462 Orange 50 (4)	13474 & 13477 Orange 50 (3)	6TON50 Orange 50 (3)	STD (3)	15530 Orange 50 (3)	W27RT Orange 14 (4)	(2)	U27RT Orange 14 (2)	

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
⑤Requires U die adapter.

Chart continues on pages D2.166–D2.167

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAX, LCAXN, LCBX, LCDX, LCDXN, LCCX, LCEX and LCJX (continued)

PANDUIT Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)		
				CT-1700①	CT-2001, CT-2002	CT-920, CT-920CH, CT-2920, CT-930, CT-930CH, CT-2930, CT-2931, CT-2940③, CT-940CH③
				Die Part Number / Color Code & Die Index Number / (Number Of Crimps)		
LCAX4/0, LCDX4/0, LCDXN4/0, LCEX4/0, LCJX4/0	4/0 AWG	Compact, B, G, H, I, K, M, Locomotive (DLO)	1-1/16	—	CD-2001-4/0 Purple P54 (2)	CD-920-4/0 Purple P54 (1)
LCBX4/0, LCCX4/0			2-5/16		CD-2001-4/0 Purple P54 (3)	CD-920-4/0 Purple P54 (3)
LCAX250, LCAXN250, LCDX250, LCDXN250, LCEX250, LCJX250	250 kcmil	G, H, I, K, M	1-1/16	—	CD-2001-250 Yellow P62 (2)	CD-920-250 Yellow P62 (1)
LCBX250, LCCX250	262.6 kcmil	Locomotive (DLO)	2-5/16		CD-2001-250 Yellow P62 (3)	CD-920-250 Yellow P62 (3)
LCAX300, LCDX300, LCDXN300, LCEX300, LCJX300	300 kcmil	G, H, I, K, M	1-1/4	—	CD-2001-350 Red P71 (2)	CD-920-350 Red P71 (2)
	313.1 kcmil	Locomotive (DLO)				
LCBX300, LCCX300	300 kcmil	G, H, I, K, M	2-3/8		CD-2001-350 Red P71 (4)	CD-920-350 Red P71 (3)
	313.1 kcmil	Locomotive (DLO)				
LCAX350, LCDX350, LCDXN350, LCEX350, LCJX350	350 kcmil	G, H, I, K, M	1-3/8	—	CD-2001-400 Blue P76 (2)	CD-920-400 Blue P76 (2)
	373.7 kcmil	Locomotive (DLO)				
LCBX350, LCCX350	350 kcmil	G, H, I, K, M	2-9/16		CD-2001-400 Blue P76 (4)	CD-920-400 Blue P76 (3)
	373.7 kcmil	Locomotive (DLO)				
LCAX450, LCDX450, LCDXN450, LCEX450, LCJX450	450 kcmil	G, H, I, K, M	1-7/16	—	—	CD-920-500 Brown P87 (2)
	444.4 kcmil	Locomotive (DLO)				
LCBX450, LCCX450	450 kcmil	G, H, I, K, M	2-3/4	—	—	CD-920-500 Brown P87 (4)
	444.4 kcmil	Locomotive (DLO)				
LCAX500, LCDX500, LCDXN500, LCEX500, LCJX500	500 kcmil	G, H, I, K, M	1-9/16	—	—	CD-920-500A Pink P99 (2)
LCBX500, LCCX500	535.3 kcmil	Locomotive (DLO)	2-15/16			CD-920-500A Pink P99 (4)
LCAX600, LCDX600, LCDXN600, LCEX600, LCJX600	600 kcmil	G, H, I	1-9/16	—	—	CD-920-500A Pink P99 (2)
LCAX650, LCDX650, LCDXN650, LCEX650, LCJX650	646.4 kcmil	Locomotive (DLO)	1-1/2	—	—	CD-940-750④ Black P106 (2)
LCAX750, LCDX750, LCDXN750, LCEX750, LCJX750	777.7 kcmil	Locomotive (DLO)	1-3/4	—	—	CD-940-750X④ Yellow P115 (2)

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
⑤Requires U die adapter.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAX, LCAXN, LCBX, LCDX, LCDXN, LCCX, LCEX and LCJX (continued)

Thomas & Betts						Burndy			
TBM12	TBM8	TBM6, 25000	TBM6BSCR, TBM6H	TBM8-750, TBM8-750M-1	TBM14BSCR, TBM14M, TBM15	BCT500HS, Y500CT-HS	Y644M	Y35, Y39, Y750, Y46⑤, Y750-2, Y750BH, BAT35-14V, BAT750-14V, PAT750-18V	MRC840
Die Part Number / Color Code & Die Index Number (Number Of Crimps)									
TBM12D-5 Purp/Olive 54 (1)	—	—	6TON54 Purple 54 (2)	STD (1)	15511 Purple 54 (2)	W28RT Purple 15 (2)	(1)	U28RT Purple 15 (1)	—
TBM12D-5 Purp/Olive 54 (4)			6TON54 Purple 54 (4)	STD (4)	15511 Purple 54 (4)	W28RT Purple 15 (4)	(3)	U28RT Purple 15 (3)	
TBM12D-5 Yellow 62 (1)	—	—	6TON62 Yellow 62 (2)	STD (1)	15510-CK Yellow 62 (1)	W29RT Yellow 16 (2)	(1)	U29RT Yellow 16 (1)	—
TBM12D-5 Yellow 62 (3)			6TON62 Yellow 62 (4)	STD (4)	15510-CK Yellow 62 (2)	W29RT Yellow 16 (4)	(3)	U29RT Yellow 16 (3)	
TBM12D-4 Red 71H② (2)	—	—	6TON71 Red 71H② (2)	STD (2)	15514-CK Red 71H② (2)	W31RT Red 18 (2)	(1)	U31RT Red 18 (2)	—
TBM12D-4 Red 71H② (4)			6TON71 Red 71H② (4)	STD (4)	15514-CK Red 71H② (4)	W31RT Red 18 (4)	(3)	U31RT Red 18 (4)	
TBM12D-4 Blue 76H② (2)	—	—	6TON76 Blue 76H② (2)	STD (2)	15512 Blue 76H② (2)	W32RT Blue 19 (3)	(1)	U32RT Blue 19 (2)	—
TBM12D-4 Blue 76H② (4)			6TON76 Blue 76H② (4)	STD (4)	15512 Blue 76H② (4)	W32RT Blue 19 (4)	(3)	U32RT Blue 19 (4)	
TBM12D-3 Brown 87H② (2)	—	—	6TON87 Brown 87H② (2)	STD (2)	15506 Brown 87H② (2)	—	(1)	U34RT Brown 20 (2)	—
TBM12D-3 Brown 87H② (4)			6TON87 Brown 87H② (4)	STD (4)	15506 Brown 87H② (4)		(4)	U34RT Brown 20 (4)	
TBM12D-2 Pink 99H② (2)	—	—	—	STD (2)	15505 Pink 99H② (2)	—	(1)	U38XRT Pink L99 (2)	—
TBM12D-2 Pink 99H② (4)				STD (4)	15505 Pink 99H② (4)		(4)	U38XRT Pink L99 (4)	
TBM12D-2 Pink 99H② (2)	—	—	—	STD (2)	15505 Pink 99H② (2)	—	(1)	U38RT Pink 400 (2)	—
TBM12D-2 Black 106H② (2)	—	—	—	—	15515-CK Black 106H② (2)	—	(1)	U39RT Black 24 (2)	—
TBM12D-1 Yellow 115H② (2)	—	—	—	—	15504 Yellow 115H② (2)	—	(1)	U44XRT Yellow L115 (2)	—

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
⑤Requires U die adapter.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAF, LCCF and SCSF

				PANDUIT (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)	
				CT-930, CT-930CH, CT-2930, CT2931, CT-920, CT-920CH, CT-2920, CT-940CH①, CT-2940①	
PANDUIT Part Number L=Lug S=Splice	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	Die Part Number / Color Code & Die Index Number / (Number Of Crimps)	
				for LCAF, SCSF Parts	for LCCF Parts
LCAF8 **LCCF8**	#8 AWG	Locomotive (DLO)	13/16	CD-920-8 Red P21 (1)	
SCSF8			11/16		
LCAF6	#6 AWG	K, M, Locomotive (DLO)	7/8	CD-920-6 Blue P24 (1)	CD-920-6 Blue P24 (2)
LCCF6			1-5/16		
SCSF6			13/16		
LCAF4	#4 AWG	K, M, Locomotive (DLO)	7/8	CD-920-4 Gray P29 (1)	CD-920-4 Gray P29 (2)
LCCF4			1-5/16		
SCSF4			13/16		
LCAF2	#2 AWG	K, M, Locomotive (DLO)	15/16	CD-920-2 Brown P33 (1)	CD-920-2 Brown P33 (2)
LCCF2			1-7/16		
SCSF2			7/8		
LCAF1	#1 AWG	K, M, Locomotive (DLO)	1	CD-920-1/0 Pink P42 (1)	CD-920-1/0 Pink P42 (2)
LCCF1			1-1/2		
SCSF1			7/8		
LCAF1/0	1/0 AWG	K, M, Locomotive (DLO)	1-7/16	CD-920-2/0 Black P45 (2)	
LCCF1/0			1-9/16		
SCSF1/0			1-3/16		
LCAF2/0	2/0 AWG	K, M, Locomotive (DLO)	1-7/16	CD-920-3/0 Orange P50 (2)	
LCCF2/0			1-9/16		
SCSF2/0			1-3/16		
LCAF3/0	3/0 AWG	K, M, Locomotive (DLO)	1-7/16	CD-920-4/0 Purple P54 (2)	
LCCF3/0			1-5/8		
SCSF3/0			1-3/16		
LCAF4/0	4/0 AWG	K, M, Locomotive (DLO)	1-7/16	CD-920-250 Yellow P62 (2)	
LCCF4/0			1-11/16		
SCSF4/0			1-3/16		

①CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
②CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
③Can only be crimped with CT-940CH and CT-2940 tools.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Types LCAF, LCCF and SCSF (continued)

PANDUIT Part Number L=Lug S=Splice	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128) CT-930, CT-930CH, CT-2930, CT-2931, CT-920, CT-920CH, CT-2920, CT-940CH①, CT-2940① Die Part Number / Color Code & Die Index Number / (Number Of Crimps)	
				for LCAF, SCSF Parts	for LCCF Parts
LCAF250	250 kcmil 262.6 kcmil	K, M, Locomotive (DLO)	1-3/4	CD-920-300 White P66 (2)	CD-920-300 White P66 (3)
LCCF250	250 kcmil 262.6 kcmil		2-5/16		
SCSF250	250 kcmil 262.6 kcmil		1-3/16		
LCAF300	300 kcmil 313.1 kcmil	K, M, Locomotive (DLO)	1-3/4	CD-920-350 Red P71 (2)	CD-920-350 Red P71 (3)
LCCF300	300 kcmil 313.1 kcmil		2-3/8		
SCSF300	300 kcmil 313.1 kcmil		1-1/4		
LCAF350	350 kcmil 373.7 kcmil	K, M, Locomotive (DLO)	1-15/16	CD-920-400 Blue P76 (2)	CD-920-400 Blue P76 (3)
LCCF350	350 kcmil 373.7 kcmil		2-9/16		
SCSF350	350 kcmil 373.7 kcmil		1-1/2		
LCAF400	400 kcmil 444.4 kcmil	K, M, Locomotive (DLO)	2-1/4	CD-920-500 Brown P87 (2)	CD-920-500 Brown P87 (3)
LCCF400	400 kcmil 444.4 kcmil		2-3/4		
SCSF400	400 kcmil 444.4 kcmil		1-11/16		
LCAF500	500 kcmil 535.3 kcmil	K, M, Locomotive (DLO)	2-5/16	CD-920-500A Pink P99 (2)	CD-920-500A Pink P99 (3)
LCCF500	500 kcmil 535.3 kcmil		2-15/16		
SCSF500	500 kcmil 535.3 kcmil		1-5/8		
LCAF600③	646.4 kcmil	Locomotive (DLO)	2-3/8	CD-920-750 Black P106 (2)	CD-920-750 Black P106 (3)
LCCF600③			3		
SCSF600③			1-5/8		
LCAF750③	777.7 kcmil	Locomotive (DLO)	2-7/16	CD-940-800② Orange P107 (2)	CD-940-800② Orange P107 (4)
LCCF750③			3-1/16		
SCSF750③			1-5/8		

①CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
②CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
③Can only be crimped with CT-940CH and CT-2940 tools.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type RSC In-Line Reducing Splice

PANDUIT Part Number	Reducing From			Reducing To		
	Standard Wire Size	Cable Classes	Wire Strip Length (In.)	Standard Wire Size	Cable Classes	Wire Strip Length (In.)
RSC4-6	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-6	#2 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-4	#2 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC1/0-6	1/0 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC1/0-4	1/0 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC2/0-6	2/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC2/0-4	2/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-6	4/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC4/0-4	4/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-1/0	4/0 AWG	B, C, Compact	1-1/16	1/0 AWG	B, C, Compact	1-9/16
RSC4/0-2/0	4/0 AWG	B, C, Compact	1-1/16	2/0 AWG	B, C, Compact	1-7/16
RSC500-X4/0	500 kcmil	B, C, Compact	1-7/8	4/0 AWG	I	1-7/16
RSC500-X350	500 kcmil	B, C, Compact	1-7/8	350 kcmil	I	1-7/8
RSC750-4/0	750 kcmil	B, C, Compact	2	4/0 AWG	B, C, Compact	1-5/8
RSC750-X4/0	750 kcmil	B, C, Compact	2	4/0 AWG	I	1-7/16
RSC750-X350	750 kcmil	B, C, Compact	2	350 kcmil	I	1-7/8
RSC750-500	750 kcmil	B, C, Compact	2	500 kcmil	B, C, Compact	1-7/8
RSC750-X500	750 kcmil	B, C, Compact	2	500 kcmil	I	2
RSC750-750	750 kcmil	B, C, Compact	2	750 kcmil	B, C, Compact	2
RSCX750-4/0	750 kcmil	I	2	4/0 AWG	B, C, Compact	1-5/8
RSCX750-750	750 kcmil	I	2	750 kcmil	B, C, Compact	2

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used with CT-940CH and CT-2940 tools.
⑤Maximum conductor size: 500 flex I and 750 kcmil.
⑥Maximum conductor size: 250 flex I and 400 kcmil.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type RSC In-Line Reducing Splice (continued)

PANDUIT (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)							
CT-1700①		CT-720		CT-2001, CT-2000		CT-930⑤, CT-930CH⑤, CT-920⑥, CT-920CH⑥, CT-2920⑥, CT-2940③, CT-940CH③, CT-2930⑤, CT-2931⑤	
Reducing From	**Reducing To**	**Reducing From**	**Reducing To**	**Reducing From**	**Reducing To**	**Reducing From**	**Reducing To**
Die Part Number / Color Code & Die Index Number (Number Of Crimps)							
Gray P29 (2)	Blue P24 (2)	CD-720-1 Gray P29 (1)	CD-720-1 Blue P24 (1)	CD-2001-4 Gray P29 (1)	CD-2001-6 Blue P24 (1)	CD-920-4 Gray P29 (1)	CD-920-6 Blue P24 (1)
Brown P33 (2)	Blue P24 (2)	CD-720-1 Brown P33 (1)	CD-720-1 Blue P24 (1)	CD-2001-2 Brown P33 (1)	CD-2001-6 Blue P24 (1)	CD-920-2 Brown P33 (1)	CD-920-6 Blue P24 (1)
Brown P33 (2)	Gray P29 (2)	CD-720-1 Brown P33 (1)	CD-720-1 Gray P29 (1)	CD-2001-2 Brown P33 (1)	CD-2001-4 Gray P29 (1)	CD-920-2 Brown P33 (1)	CD-920-4 Gray P29 (1)
—	—	CD-720-2 Pink P42 (1)	CD-720-1 Blue P24 (1)	CD-2001-1/0 Pink P42 (1)	CD-2001-6 Blue P24 (1)	CD-920-1/0 Pink P42 (1)	CD-920-6 Blue P24 (1)
—	—	CD-720-2 Pink P42 (1)	CD-720-1 Gray P29 (1)	CD-2001-1/0 Pink P42 (1)	CD-2001-4 Gray P29 (1)	CD-920-1/0 Pink P42 (1)	CD-920-4 Gray P29 (1)
—	—	CD-720-2 Black P45 (2)	CD-720-1 Blue P24 (1)	CD-2001-2/0 Black P45 (2)	CD-2001-6 Blue P24 (1)	CD-920-2/0 Black P45 (1)	CD-920-6 Blue P24 (1)
—	—	CD-720-2 Black P45 (2)	CD-720-1 Gray P29 (1)	CD-2001-2/0 Black P45 (2)	CD-2001-4 Gray P29 (1)	CD-920-2/0 Black P45 (1)	CD-920-4 Gray P29 (1)
—	—	CD-720-3 Purple P54 (2)	CD-720-1 Blue P24 (1)	CD-2001-4/0 Purple P54 (2)	CD-2001-6 Blue P24 (1)	CD-920-4/0 Purple P54 (1)	CD-920-6 Blue P24 (1)
—	—	CD-720-3 Purple P54 (2)	CD-720-1 Gray P29 (1)	CD-2001-4/0 Purple P54 (2)	CD-2001-4 Gray P29 (1)	CD-920-4/0 Purple P54 (1)	CD-920-4 Gray P29 (1)
—	—	CD-720-3 Purple P54 (2)	CD-720-2 Pink P42 (2)	CD-2001-4/0 Purple P54 (2)	CD-2001-1/0 Pink P42 (2)	CD-920-4/0 Purple P54 (1)	CD-920-1/0 Pink P42 (2)
—	—	CD-720-3 Purple P54 (2)	CD-720-2 Black P45 (2)	CD-2001-4/0 Purple P54 (2)	CD-2001-2/0 Black P45 (2)	CD-920-4/0 Purple P54 (1)	CD-920-2/0 Black P45 (2)
—	—	CD-720-7 Brown P87 (2)	CD-720-3 Yellow P62 (2)	CD-2001-500 Brown P87 (3)	CD-2001-250 Yellow P62 (2)	CD-920-500 Brown P87 (2)	CD-920-250 Yellow P62 (2)
—	—	CD-720-7 Brown P87 (2)	CD-720-6 Blue P76 (2)	CD-2001-500 Brown P87 (3)	CD-2001-400 Blue P76 (3)	CD-920-500 Brown P87 (2)	CD-920-400 Blue P76 (2)
—	—	—	—	—	—	CD-920-750, CD-940-750④ Black P106 (2)	CD-920-4/0 Purple P54 (1)
—	—	—	—	—	—	CD-920-750, CD-940-750④ Black P106 (2)	CD-920-250 Yellow P62 (1)
—	—	—	—	—	—	CD-920-750, CD-940-750④ Black P106 (2)	CD-920-400 Blue P76 (2)
—	—	—	—	—	—	CD-920-750, CD-940-750④ Black P106 (2)	CD-920-500 Brown P87 (2)
—	—	—	—	—	—	CD-920-750, CD-940-750④ Black P106 (2)	CD-920-500A Pink P99 (2)
—	—	—	—	—	—	CD-920-750, CD-940-750④ Black P106 (2)	CD-920-750 CD-940-750④ Black P106 (2)
—	—	—	—	—	—	CD-940-750X④ Yellow P115 (2)	CD-920-4/0 Purple P54 (1)
—	—	—	—	—	—	CD-940-750X④ Yellow P115 (2)	CD-940-750④ Black P106 (2)

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used with CT-940CH and CT-2940 tools.
⑤Maximum conductor size: 500 flex Iand 750 kcmil.
⑥Maximum conductor size: 250 flex Iand 400 kcmil.

For Burndy tooling, see pages D2.172–D2.173
For Thomas & Betts tooling, see pages D2.174–D2.175

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type RSC In-Line Reducing Splice (continued)

PANDUIT Part Number	Reducing From			Reducing To		
	Standard Wire Size	Cable Classes	Wire Strip Length (In.)	Standard Wire Size	Cable Classes	Wire Strip Length (In.)
RSC4-6	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-6	#2 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-4	#2 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC1/0-6	1/0 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC1/0-4	1/0 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC2/0-6	2/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC2/0-4	2/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-6	4/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC4/0-4	4/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-1/0	4/0 AWG	B, C, Compact	1-1/16	1/0 AWG	B, C, Compact	1-9/16
RSC4/0-2/0	4/0 AWG	B, C, Compact	1-1/16	2/0 AWG	B, C, Compact	1-7/16
RSC500-X4/0	500 kcmil	B, C, Compact	1-7/8	4/0 AWG	I	1-7/16
RSC500-X350	500 kcmil	B, C, Compact	1-7/8	350 kcmil	I	1-7/8
RSC750-4/0	750 kcmil	B, C, Compact	2	4/0 AWG	B, C, Compact	1-5/8
RSC750-X4/0	750 kcmil	B, C, Compact	2	4/0 AWG	I	1-7/16
RSC750-X350	750 kcmil	B, C, Compact	2	350 kcmil	I	1-7/8
RSC750-500	750 kcmil	B, C, Compact	2	500 kcmil	B, C, Compact	1-7/8
RSC750-X500	750 kcmil	B, C, Compact	2	500 kcmil	I	2
RSC750-750	750 kcmil	B, C, Compact	2	750 kcmil	B, C, Compact	2
RSCX750-4/0	750 kcmil	I	2	4/0 AWG	B, C, Compact	1-5/8
RSCX750-750	750 kcmil	I	2	750 kcmil	B, C, Compact	2

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used with CT-940CH and CT-2940 tools.
⑤Maximum conductor size: 500 flex I and 750 kcmil.
⑥Maximum conductor size: 250 flex I and 400 kcmil.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type RSC In-Line Reducing Splice (continued)

Burndy					
Y1MR, Y2MR		Y1MRTC		Y35, Y35BH, Y39, Y39BH, Y45, Y46, Y750, Y750HS, Y750-2, Y750BH-2, BAT35, BAT750, PAT644, PAT750	
Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To
Die Part Number / Color Code & Die Index Number (Number Of Crimps)					
Gray (2)	Blue (3)	White (2)	Blue (3)	U4CR Gray 8 (1)	U5CRT Blue 7 (1)
Brown (2)	Blue (3)	Brown (2)	Blue (3)	U2CRT Brown 10 (1)	U5CRT Blue 7 (1)
Brown (2)	Gray (3)	Brown (2)	White (3)	U2CRT Brown 10 (1)	U4CRT Gray 8 (1)
—	—	—	—	U25RT Pink 12 (1)	U5CRT Blue 7 (1)
—	—	—	—	U25RT Pink 12 (1)	U4CRT Gray 8 (1)
—	—	—	—	U26RT Black 13 (1)	U5CRT Blue 7 (1)
—	—	—	—	U26RT Black 13 (1)	U4CRT Gray 8 (1)
—	—	—	—	U28RT Purple 15 (1)	U5CRT Blue 7 (1)
—	—	—	—	U28RT Purple 15 (1)	U4CRT Gray 8 (1)
—	—	—	—	U28RT Purple 15 (1)	U25RT Pink 12 (2)
—	—	—	—	U28RT Purple 15 (1)	U26RT Black 13 (1)
—	—	—	—	U34RT Brown 20 (2)	U29RT Yellow 16 (1)
—	—	—	—	U34RT Brown 20 (2)	U32RT Blue 19 (2)
—	—	—	—	U39RT Black 24 (3)	U28RT Purple 15 (1)
—	—	—	—	U39RT Black 24 (3)	U29RT Yellow 16 (1)
—	—	—	—	U39RT Black 24 (3)	U32RT Blue 19 (2)
—	—	—	—	U39RT Black 24 (3)	U34RT Brown 20 (2)
—	—	—	—	U39RT Black 24 (3)	U38XRT Pink L99 (3)
—	—	—	—	U39RT Black 24 (3)	U39RT Black 24 (3)
—	—	—	—	—	—
—	—	—	—	—	—

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used with CT-940CH and CT-2940 tools.
⑤Maximum conductor size: 500 flex I and 750 kcmil.
⑥Maximum conductor size: 250 flex I and 400 kcmil.

For PANDUIT tooling, see pages D2.170–D2.171
For Thomas & Betts tooling, see pages D2.174–D2.175

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type RSC In-Line Reducing Splice (continued)

PANDUIT Part Number	Reducing From			Reducing To		
	Standard Wire Size	Cable Classes	Wire Strip Length (In.)	Standard Wire Size	Cable Classes	Wire Strip Length (In.)
RSC4-6	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-6	#2 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC2-4	#2 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC1/0-6	1/0 AWG	B, C, Compact	1	#6 AWG	B, C, Compact	1-5/16
RSC1/0-4	1/0 AWG	B, C, Compact	1	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC2/0-6	2/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC2/0-4	2/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-6	4/0 AWG	B, C, Compact	1-1/16	#6 AWG	B, C, Compact	1-5/16
RSC4/0-4	4/0 AWG	B, C, Compact	1-1/16	#4 – #3 AWG STR, #2 AWG SOL	B, C, Compact	1-5/16
RSC4/0-1/0	4/0 AWG	B, C, Compact	1-1/16	1/0 AWG	B, C, Compact	1-9/16
RSC4/0-2/0	4/0 AWG	B, C, Compact	1-1/16	2/0 AWG	B, C, Compact	1-7/16
RSC500-X4/0	500 kcmil	B, C, Compact	1-7/8	4/0 AWG	I	1-7/16
RSC500-X350	500 kcmil	B, C, Compact	1-7/8	350 kcmil	I	1-7/8
RSC750-4/0	750 kcmil	B, C, Compact	2	4/0 AWG	B, C, Compact	1-5/8
RSC750-X4/0	750 kcmil	B, C, Compact	2	4/0 AWG	I	1-7/16
RSC750-X350	750 kcmil	B, C, Compact	2	350 kcmil	I	1-7/8
RSC750-500	750 kcmil	B, C, Compact	2	500 kcmil	B, C, Compact	1-7/8
RSC750-X500	750 kcmil	B, C, Compact	2	500 kcmil	I	2
RSC750-750	750 kcmil	B, C, Compact	2	750 kcmil	B, C, Compact	2
RSCX750-4/0	750 kcmil	I	2	4/0 AWG	B, C, Compact	1-5/8
RSCX750-750	750 kcmil	I	2	750 kcmil	B, C, Compact	2

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used with CT-940CH and CT-2940 tools.
⑤Maximum conductor size: 500 flex Iand 750 kcmil.
⑥Maximum conductor size: 250 flex Iand 400 kcmil.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type RSC In-Line Reducing Splice (continued)

Thomas & Betts							
TBM20S, TBM25S		TBM5, TBM6, TBM8		TBM12, 13642M		TBM14BSCR, BPLT14BSCR, 13100A, TBM14M	
Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To	Reducing From	Reducing To
Color Code / Die Index Number (Number Of Crimps)							
Gray (2)	Blue (3)	Gray (1)	Blue (1)	Gray 29 (1)	Blue 24 (1)	Gray 29 (1)	Blue 24 (1)
Brown (2)	Blue (3)	Brown (1)	Blue (1)	Brown 33 (1)	Blue 24 (1)	Brown 33 (1)	Blue 24 (1)
Brown (2)	Gray (3)	Brown (1)	Gray (1)	Brown 33 (1)	Gray 29 (1)	Brown 33 (1)	Gray 29 (1)
—	—	Pink (1)	Blue (1)	Pink 42 (1)	Blue 24 (1)	Pink 42H② (2)	Blue 24 (1)
—	—	Pink (1)	Gray (1)	Pink 42 (1)	Gray 29 (1)	Pink 42H② (2)	Gray 29 (1)
—	—	Black (2)	Blue (1)	Black/Gold 45 (1)	Blue 24 (1)	Black 45 (1)	Blue 24 (1)
—	—	Black (2)	Gray (1)	Black/Gold 45 (1)	Gray 29 (1)	Black 45 (1)	Gray 29 (1)
—	—	Purple (2)	Blue (1)	Purple/Olive 54 (1)	Blue 24 (1)	Olive 54H② (2)	Blue 24 (1)
—	—	Purple (2)	Gray (1)	Purple/Olive 54 (1)	Gray 29 (1)	Olive 54H② (2)	Gray 29 (1)
—	—	Purple (2)	Pink (2)	Purple/Olive 54 (1)	Pink 42 (2)	Olive 54H② (2)	Pink 42H② (4)
—	—	Purple (2)	Black (2)	Purple/Olive 54 (1)	Black/Gold 45 (1)	Olive 54H② (2)	Black 45 (1)
—	—	—	—	Brown 87H② (2)	Yellow 62 (1)	Brown 87H② (2)	Yellow 62 (1)
—	—	—	—	Brown 87H② (2)	Blue 76H② (2)	Brown 87H② (2)	Blue 76 (1)
—	—	—	—	Black/Orange 106H② (2)	Purple/Olive 54 (1)	Black 106H② (2)	Olive 54H② (2)
—	—	—	—	Black/Orange 106H② (2)	Yellow 62 (1)	Black 106H② (2)	Yellow 62 (1)
—	—	—	—	Black/Orange 106H② (2)	Blue 76H② (2)	Black 106H② (2)	Blue 76 (1)
—	—	—	—	Black/Orange 106H② (2)	Brown 87H② (2)	Black 106H② (2)	Brown 87H② (2)
—	—	—	—	Black/Orange 106H② (2)	Pink 99H (2)	Black 106H② (2)	Pink 99H (2)
—	—	—	—	Black/Orange 106H② (2)	Black/Orange 106H② (2)	Black 106H② (2)	Black 106H② (2)
—	—	—	—	—	—	—-	—-
—	—	—	—	—	—	—-	—-

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
④CD-940 dies to be used with CT-940CH and CT-2940 tools.
⑤Maximum conductor size: 500 flex Iand 750 kcmil.
⑥Maximum conductor size: 250 flex Iand 400 kcmil.

For PANDUIT tooling, see pages D2.170–D2.171
For Burndy tooling, see pages D2.172–D2.173

For use with Copper Conductors

Installation Tooling and Die Selections for:
Type CTAPF

PANDUIT Part Number	Stranded Wire Size		*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)			
			1700①	CT-920, CT-920CH, CT-2920, CT-930, CT-930CH, CT-2930, CT-2931, CT-940CH②, CT-2940②	CT-2001, CT-2002	
	Main	Tap	Die Part Number / Color Code & Die Index Number / (Number of Crimps)			
CTAPF10-16	#14 AWG	#16 – #14 AWG	Red P21 (2)	—	—	CD-2001-8 Red P21 (1)
	#12 AWG	#16 – #12 AWG				
	#10 AWG	#14 AWG				
CTAPF8-12	#10 AWG	#10 AWG	Blue P24 (2)	—	—	CD-2001-6 Blue P24 (1)
	#8 AWG	#12 AWG				
CTAPF6-12	#8 AWG	#8 – #12 AWG	Gray P29 (2)	—	—	CD-2001-4 Gray P29 (1)
	#6 AWG	#12 – #10 AWG				
CTAPF4-12	#6 AWG	#8 – #6 AWG	Brown P33 (4)	CDM-920-2 Brown P33M (1)	CDM-2001-2 Brown P33M (1)	CD-2001-2 Brown P33 (2)
	#5, #4 AWG	#12 – #8 AWG				
CTAPF3-12	#5, #4 AWG	#6 – #5 AWG	Green P37 (4)	CDM-920-1 Green P37M (1)	CDM-2001-1 Green P37M (1)	CD-2001-1 Green P37 (2)
	#3 AWG	#12 – #6 AWG				
CTAPF2-12	#4 AWG	#4 AWG	—	CDM-920-1/0 Pink P42M (1)	CDM-2001-1/0 Pink P42M (1)	CD-2001-1/0 Pink P42 (2)
	#3 AWG	#5 AWG				
	#2 AWG	#12 – #6 AWG				
CTAPF1-12	#3 AWG	#4 – #3 AWG	—	CDM-920-2/0 Black P45M (1)	CDM-2001-2/0 Black P45M (2)	CD-2001-2/0 Black P45 (3)
	#2 AWG	#5 – #4 AWG				
	#1 AWG	#12 – #5 AWG				
CTAPF1/0-12	#2 AWG	#4 – #2 AWG	—	CDM-920-3/0 Orange P50M (1)	CDM-2001-3/0 Orange P50M (2)	CD-2001-3/0 Orange P50 (3)
	#1 AWG	#4 – #3 AWG				
	1/0 AWG	#12 – #4 AWG				
CTAPF2/0-12	#1 AWG	#2 – #1 AWG	—	CDM-920-4/0 Purple P54M (1)	—	CD-2001-4/0 Purple P54 (3)
	1/0 AWG	#3 – #2 AWG				
	2/0 AWG	#12 – #3 AWG				
CTAPF3/0-12	1/0 AWG	#1 – 1/0 AWG	—	CDM-920-250 Yellow P62M (1)	—	CD-2001-250 Yellow P62 (3)
	2/0 AWG	#2 – #1 AWG				
	3/0 AWG	#12 – #2 AWG				

②The CT-1700 crimp die pockets are integrated into the tool frame.
②CDM-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type CTAPF (continued)

PANDUIT Part Number	Stranded Wire Size		Burndy		Thomas & Betts
			Y35, Y39, Y45, Y46, Y750BH-2 Y750, BAT35, BAT750, Y35BH, Y39BH, Y750BH, Y750HS, PAT750, Y750-2	V500CT-HS, BCT500-HS, BCT500,Y500CT	TBMB-70, TBMB-750-1, TBMB-750BSCR
	Main	Tap	Die Part Number / Color Code & Die Index Number / (Number of Crimps)		
CTAPF10-16	#14 AWG	#16 – #14 AWG	—	—	—
	#12 AWG	#16 – #12 AWG			
	#10 AWG	#14 AWG			
CTAPF8-12	#10 AWG	#10 AWG	—	—	—
	#8 AWG	#12 AWG			
CTAPF6-12	#8 AWG	#8 – #12 AWG	—	—	—
	#6 AWG	#12 – #10 AWG			
CTAPF4-12	#6 AWG	#8 – #6 AWG	UC4 Brown 10M (1)	WC4 Brown 10M (1)	TBMB-750C20 (1)
	#5, #4 AWG	#12 – #8 AWG			
CTAPF3-12	#5, #4 AWG	#6 – #5 AWG	—	—	TBMB-750C2530 (1)
	#3 AWG	#12 – #6 AWG			
CTAPF2-12	#4 AWG	#4 AWG	UC2 Pink 12M (1)	WC2 Pink 12M (1)	TBMB-750C2530 (1)
	#3 AWG	#5 AWG			
	#2 AWG	#12 – #6 AWG			
CTAPF1-12	#3 AWG	#4 – #3 AWG	UC1 Black 13M (1)	WC1 Black 13M (2)	TBMB-750C3540 (1)
	#2 AWG	#5 – #4 AWG			
	#1 AWG	#12 – #5 AWG			
CTAPF1/0-12	#2 AWG	#4 – #2 AWG	UC25 Orange 14M (1)	WC25 Orange 14M (2)	TBMB-750C3540 (1)
	#1 AWG	#4 – #3 AWG			
	1/0 AWG	#12 – #4 AWG			
CTAPF2/0-12	#1 AWG	#2 – #1 AWG	—	—	TBMB-750C4550 (1)
	1/0 AWG	#3 – #2 AWG			
	2/0 AWG	#12 – #3 AWG			
CTAPF3/0-12	1/0 AWG	#1 – 1/0 AWG	—	—	TBMB-750C4550 (1)
	2/0 AWG	#2 – #1 AWG			
	3/0 AWG	#12 – #2 AWG			

②The CT-1700 crimp die pockets are integrated into the tool frame.
②CDM-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type CTAP

PANDUIT Part Number	Conductor Size		Wire Strip Length (In.)	*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)		Burndy	
	Main	Tap		CT-920, CT-920CH, CT-930,CT-2920, CT-930CH, CT-2930, CT-2931, CT-940CH①, CT-2940①	CT-2001, CT-2002	MD6, MD7	BAT35, BAT750, PAT750, Y35, Y35BH, Y39, Y39BH, Y45, Y46, Y750, Y750HS, Y750BH
				Crimp Die Number / Index No. or Color Code / (No. Of Crimps)			
CTAP4-8	#6 – #4 AWG SOL or STR	#8 AWG SOL or STR	3/4	CD-920-BG (1)	CD-2001-BG (1)	W-BG (1) BG (2)	U-BG (1)
CTAP4-6	#6 AWG STR, #4 AWG SOL or STR	#6 AWG SOL or STR	3/4	CD-920-BG (1)	CD-2001-BG (2)	W-BG (1) BG (2)	U-BG (1)
CTAP4-4	#4 AWG SOL or STR	#4 AWG STR	3/4	CD-920-BG (1)	CD-2001-BG (1)	W-BG (1) BG (2)	U-BG (1)
CTAP2-4	#2 AWG SOL or STR	#8 – #4 AWG SOL or STR	7/8	CD-920-C (1)	CD-2001-C (2)	W-C Brown (2)	U-C (1)
CTAP2-2	#2 AWG SOL or STR	#2 AWG SOL or STR	7/8	CD-920-C (1)	CD-2001-C (2)	W-C Brown (2)	U-C (1)
CTAP2/0-2	1/0 – 2/0 AWG	#8 – #2 AWG SOL or STR	1-1/16	CD-920-0 Green (1)	—	—	U-O (1) U-E (3)
CTAP2/0-2/0	1/0 – 2/0 AWG STR	1/0 – 2/0 AWG STR	1-1/16	CD-920-0 Green (1)	—	—	U-O (1) U-E (3)
CTAP4/0-2	3/0 – 4/0 AWG STR	#6 – #2 AWG SOL or STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)
CTAP4/0-2/0	3/0 – 4/0 AWG STR	1/0 – 2/0 AWG STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)
CTAP4/0-4/0	3/0 – 4/0 AWG STR	3/0 – 4/0 AWG STR	1-1/4	CD-920-D3 Blue (1)	—	—	U-F (2) U-D3 (1)

①CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.

For use with Copper Conductors

Installation Tooling and Die Selections for:

Type HTCT

PANDUIT Part Number	Copper Conductor Sizes (Code Cable) Main	Tap 1	Tap 2	Tap 3	Copper Conductor Sizes (Flex Cable) Types G, H, I, K, M & Locomotive (DLO) Main	Tap 1	Tap 2	Tap 3	Crimp Die Color Code	Installation Tools 15 TON	14 TON	12 TON
										PANDUIT **(See Compression Connector Tools Selection Guide, Pages D2.126 – D2-128)**		
										CT-940CH① CT-2940①	CT-930 CT-930CH CT-2930	CT-920 CT-920CH CT-2920 CT-2931
										Burndy		
										Y46① Y46C①	—	Y35, Y35-2, Y35BH, Y35BH-4, Y750, Y39, Y39BH, Y750-2, Y750BH, Y750BH-2, Y750HS, BAT35, BAT750, BAT750C, PAT750, PAT750C
										Thomas & Betts		
										TBM15I, TBM15BSCR	TBM14M, TBM14BSCR, BPLT14BSCR, 13100A	—
										PANDUIT **Crimp Die Part Number/ Die Index No. (Number of Crimps = 1)**		
HTCT8-8	#8-#14 AWG	#8-#14 AWG	—	—	#8-#14 AWG	#8-#14 AWG	—	—	Green	CD-920H-8 PH8	CD-920H-8 PH8	CD-920H-8 PH8
HTCT6-6	#6-#10 AWG	#6-#14 AWG	—	—	#6-#10 AWG	#6-#14 AWG	—	—	Orange	CD-920H-6 PH6	CD-920H-6 PH6	CD-920H-6 PH6
HTCT2-2	#2-#6 AWG STR/SOL	#2-#6 AWG STR/SOL	#8-#14 AWG	#8-#14 AWG	#2-#8 AWG	#2-#8 AWG	#8-#14 AWG	#8-#14 AWG	Brown	CD-920H-2 PH2	CD-920H-2 PH2	CD-920H-2 PH2
HTCT250-8	250 kcmil-#2 AWG	#8-#14 AWG	#8-#14 AWG	—	4/0-#2 AWG	#8-#14 AWG	#8-#14 AWG	—	Purple	CD-930H-250 PH25	CD-930H-250 PH25	CD-930H-250 PH25
HTCT250-2	250 kcmil-#2 AWG	#2-#6 AWG STR/SOL	#8-#14 AWG	—	4/0-#2 AWG	#2-#8 AWG	#8-#14 AWG	—	Purple	CD-930H-250 PH25	CD-930H-250 PH25	CD-930H-250 PH25
HTCT250-250	250 kcmil-#2 AWG	250 kcmil-#2 AWG	—	—	4/0-#2 AWG	4/0-#2 AWG	—	—	Purple	CD-930H-250 PH25	CD-930H-250 PH25	CD-930H-250 PH25
HTCT500-250	500 kcmil-4/0 AWG	250 kcmil-1/0 AWG	#1-#6 AWG STR/SOL	#8-#14 AWG	373 kcmil-AWG	4/0-1/0 AWG	#1-#8 AWG	#8-#14 AWG	Brown	CD-940H-500 PH50	—	—
HTCT500-500	500-250 kcmil	500 kcmil-4/0 AWG	—	—	373 kcmil-4/0 AWG	373 kcmil-4/0 AWG	—	—	Brown	CD-940H-500 PH50	—	—
HTCT750-4/0	750-350 kcmil	4/0-1/0 AWG	#1-#6 AWG STR/SOL	#2-#14 AWG	550-500 kcmil	250 kcmil-1/0 AWG	#1-#8 AWG	#2-#14 AWG	Yellow	CD-940H-750 PH75	—	—
HTCT750-750	750-500 kcmil	750-350 kcmil	—	—	550-444 kcmil	550-313 kcmil	—	—	Yellow	CD-940H-750 PH75	—	—
HTCT1000-250	1000-750 kcmil	250 kcmil -1/0 AWG	#1-#2 AWG	—	777-500 kcmil	4/0-1/0 AWG	#1-#2 AWG	—	Yellow	CD-940H-750 PH75	—	—
HTCT1000-1000	1000-750 kcmil	1000-750 kcmil	—	—	777-750 kcmil 777-500 kcmil	777-500 kcmil 350 kcmil	—	—	White	CD-940H-1000 PH10	—	—

①CD-920H and CD-930H dies can be used with CT-940CH and CT-2940 *PANDUIT* tools and Y46 and Y46C Burndy tools with CD-940-DA adapter.
PANDUIT crimping dies must be used with all tooling (*PANDUIT* and competitor) to maintain UL/CSA certifications for applications up to 600V.

For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for:

Types LAA, LAB and SA

PANDUIT Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (In.)	*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)		
			CT-1700①	CT-720	CT-930, CT-930CH, CT-920, CT-920CH, CT-2920, CT-2930, CT-2931, CT-2940③, CT-940CH③
			Die Part Number / Color Code & Die Index Number / (Number Of Crimps)		
LAA6	#6 AWG	1	Gray P29 (5)	CD-720-1 Gray P29 (2)	CD-920-4 Gray P29 (2)
SA6		3/4			
LAA4	#4 AWG	1-1/16	Green P37 (5)	CD-720-2 Green P37 (2)	CD-920-1 Green P37 (2)
SA4		7/8			
LAA2	#2 AWG	1	—	CD-720-2 Pink P42 (2)	CD-920-1/0 Pink P42 (2)
SA2		7/16			
LAA1	#1 AWG	1	—	CD-720-2 Gold P45 (3)	CD-920-2/0 Gold P45 (2)
SA1		7/16			
LAA1/0 LAB1/0	1/0 AWG	1-9/16	—	CD-720-2 Tan P50 (3)	CD-920-3/0 Tan P50 (2)
SA1/0		1			
LAA2/0 LAB2/0	2/0 AWG	1-9/16	—	CD-720-3 Olive P54 (3)	CD-920-4/0 Olive P54 (2)
SA2/0		1-1/8			
LAA3/0 LAB3/0	3/0 AWG	1-9/16	—	CD-720-3 Ruby P60 (4)	CD-920-250 Ruby P60 (2)
SA3/0		1-1/4			
LAA4/0 LAB4/0	4/0 AWG	1-3/4	—	CD-720-4 White P66 (4)	CD-920-300 White P66 (2)
SA4/0		1-5/16			
LAA250 LAB250	250 kcmil	1-3/4	—	CD-720-5 Red P71 (4)	CD-920-350 Red P71 (2)
SA250		1-7/16			
LAA300 LAB300	300 kcmil	2-5/16	—	CD-720-6 Blue P76 (4)	CD-920-400 Blue P76 (2)
SA300		1-1/2			
LAA350 LAB350	350 kcmil	2-5/16	—	CD-720-7 Brown P87 (4)	CD-920-500 Brown P87 (2)
SA350		1-5/8			
LAA400 LAB400	400 kcmil	2-9/16	—	—	CD-920-800 Green P94 (4)
SA400		1-13/16			
LAA500 LAB500	500 kcmil	3-1/16	—	—	CD-920-500A Pink P99 (4)
SA500		1-7/8			
LAA600 LAB600	600 kcmil	3-1/16	—	—	CD-920-750, CD-940-750④ Black P106 (4)
SA600		2			
LAA750 LAB750	750 kcmil	3-7/16	—	—	CD-940-750A④ Red P125 (4)
SA750		2-1/4			
LAA800 LAB800	800 kcmil	3-7/16	—	—	CD-940-800A④ Gray P140 (4)
SA800		2-5/16			
LAA1000 LAB1000	1000 kcmil	4-3/4	—	—	CD-940-1000A④ Brown P161 (4)
SA1000		2-9/16			

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter. Maximum size splice is 250 kcmil with CT-920, CT-920CH and CT-2920 tools.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for:

Types LAA, LAB and SA (continued)

PANDUIT Part Number L=Lug S=Splice	Std. Wire Size	Wire Strip Length (In.)	Thomas & Betts			Burndy				Anderson
			TBM5	TBM8	TBM15, TBMISI, TBMISBSCR	MY29	Y35	Y39	Y45, Y46	VC8
			Die Part Number / Color Code & Die Index Number / (Number Of Crimps)							
LAA6	#6 AWG	1	Gray 29 (2)	Gray 29 (2)	Gray 29 (2)	6AL (1)	U6CABT Gray 346 (1)	U6CABT Gray 346 (1)	U6CABT Gray 346 (1)	STD (1)
SA6		3/4								
LAA4	#4 AWG	1-1/16	Green 37 (2)	Green 37 (2)	Green 37 (2)	4AL (1)	U4CABT Green 375 (1)	U4CABT Green 375 (1)	U4CABT Green 375 (1)	STD (1)
SA4		7/8								
LAA2	#2 AWG	1	Pink 42 (3)	Pink 42 (3)	Pink 42 (2)	2AL (1)	U2CABT Pink 348 (2)	U2CABT Pink 348 (2)	U2CABT Pink 348 (2)	STD (1)
SA2		7/16								
LAA1	#1 AWG	1	Gold 45 (3)	Gold 45 (3)	Gold 45 (2)	1AL (1)	U1CART Gold 471 (2)	U1CART Gold 471 (2)	U1CART Gold 471 (2)	STD (1)
SA1		7/16								
LAA1/0 LAB1/0	1/0 AWG	1-9/16	Tan 50 (3)	Tan 50 (3)	Tan 50 (2)	1/0AL (1)	U25ART Tan 298 (2)	U25ART Tan 298 (2)	U25ART Tan 298 (2)	STD (2)
SA1/0		1								
LAA2/0 LAB2/0	2/0 AWG	1-9/16	Olive 54 (3)	Olive 54 (3)	Olive 54 (3)	2/0AL (2)	U26ART Olive 297 (2)	U26ART Olive 297 (2)	U26ART Olive 297 (2)	STD (2)
SA2/0		1-1/8								
LAA3/0 LAB3/0	3/0 AWG	1-9/16	Ruby 60 (4)	Ruby 60 (4)	Ruby 60 (2)	3/0AL (2)	U27ART Ruby 467 (2)	U27ART Ruby 467 (2)	U27ART Ruby 467 (2)	STD (2)
SA3/0		1-1/4								
LAA4/0 LAB4/0	4/0 AWG	1-3/4	—	White 66 (4)	White 66 (2)	4/0AL (2)	U28ART White 298 (2)	U28ART White 298 (2)	U28ART White 298 (2)	STD (2)
SA4/0		1-5/16								
LAA250 LAB250	250 kcmil	1-3/4	—	Red 71 (4)	Red 71H② (4)	—	U29ART Red 324 (2)	U29ART Red 324 (2)	U29ART Red 324 (2)	STD (2)
SA250		1-7/16								
LAA300 LAB300	300 kcmil	2-5/16	—	Blue 76 (4)	Blue 76 (2)	—	U30ART Blue 470 (2)	U30ART Blue 470 (2)	U30ART Blue 470 (2)	STD (2)
SA300		1-1/2								
LAA350 LAB350	350 kcmil	2-5/16	—	Brown 87 (4)	Brown 87H② (4)	—	U31ART Brown 299 (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)	STD (2)
SA350		1-5/8								
LAA400 LAB400	400 kcmil	2-9/16	—	—	Green 94H② (4)	—	U32ART Green 472 (4)	U32ART Green 472 (4)	U32ART Green 472 (4)	—
SA400		1-13/16								
LAA500 LAB500	500 kcmil	3-1/16	—	—	Pink 99H② (4)	—	U34ART Pink 300 (4)	U34ART Pink 300 (4)	U34ART Pink 300 (4)	—
SA500		1-7/8								
LAA600 LAB600	600 kcmil	3-1/16	—-	—-	Black 106 (3)	—	U36ART Black 473 (4)	U36ART Black 473 (4)	U36ART Black 473 (4)	—
SA600		2								
LAA750 LAB750	750 kcmil	3-7/16	—	—	Yellow 115H② (4)	—	—	S39ART Red 301 (4)	S39ART Red 301 (4)	—
SA750		2-1/4								
LAA800 LAB800	800 kcmil	3-7/16	—	—	125H② (4)	—	—	Gray 474 (4)	Gray 474 (4)	—
SA800		2-5/16								
LAA1000 LAB1000	1000 kcmil	4-3/4	—	—	161 (5)	—	—	S44ART Brown 302 (4)	S44ART Brown 302 (4)	—
SA1000		2-9/16								

①The CT-1700 crimp die pockets are integrated into the tool frame.
②Half width dies.
③CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter. Maximum size splice is 250 kcmil with CT-920, CT-920CH and CT-2920 tools.
④CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for:

Type SAR

PANDUIT Part Number	Aluminum Wire Size	Aluminum or Copper Wire Size	Wire Strip Length (both ends) (In.)	*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)			
				CT-720	CT-2001, CT-2002	*Uni-Die*™ CT-980, CT-980CH, CT-2980, CT-2981, CT-980LPCH	CT-920, CT-920CH, CT-930, CT-930CH, CT-2930, CT-2931, CT-930LPCH, CT-2920, CT-940CH②, CT-2940②
				Die Part Number / Color Code & Die Index Number / (Number Of Crimps)			
SAR2-4	#2 AWG	#4 AWG	2-1/16	CD-720-2 Tan P50 (3)	CD-2001-3/0 Tan P50 (3)	STD (2)	CD-920-3/0 Tan P50 (2)
SAR1/0-2	1/0 AWG	#2 AWG	2-1/16	CD-720-2 Tan P50 (3)	CD-2001-3/0 Tan P50 (3)	STD (2)	CD-920-3/0 Tan P50 (2)
SAR3/0-1/0	3/0 AWG	1/0 AWG	2-5/16	CD-720-5 Red P71 (3)	CD-2001-350 Red P71 (4)	STD (2)	CD-920-350 Red P71 (2)
SAR4/0-2/0	4/0 AWG	2/0 AWG	2-3/16	CD-720-5 Red P71 (3)	CD-2001-350 Red P71 (4)	STD (2)	CD-920-350 Red P71 (2)
SAR350-4/0	350 kcmil	4/0 AWG	3-3/16	CD-720-7 Brown P87 (4)	—	STD (2)	CD-920-500 Brown P87 (4)
SAR500-350	500 kcmil	350 kcmil	4-1/4	—	—	—	CD-920-500A Pink P99 (4)
SAR600-500	600 kcmil	500 kcmil	4	—	—	—	CD-920-750, CD-940-750③ Black P106 (4)
SAR750-600	750 kcmil	600 kcmil	4-7/16	—	—	—	CD-940-750③ Red P125 (4)

①Half width dies.
②CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter. Maximum size splice is 250 kcmil with *PANDUIT* CT-920, CT-920CH and CT-2920 tools and Burndy Y35, Y35BH and BAT35 tools.
③CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for:

Type SAR (continued)

Thomas & Betts			Burndy			Anderson
TBM5	TBM8	TBM15, TBM15I, TBM15BSCR	MY29	Y35, Y39, Y750, Y750-HS, BAT35, BAT750, PAT750, Y35BH, Y39BH, Y750BH, Y750-2, Y750BH-2	Y45, Y46	VC6
Die Part Number / Color Code & Die Index Number / (Number Of Crimps)						
Tan 50 (3)	Tan 50 (3)	Tan 50 (2)	1/0 AL (1)	U25ART Tan 296 (2)	U25ART Tan 296 (2)	STD (1)
Tan 50 (3)	Tan 50 (3)	Tan 50 (2)	1/0 AL (1)	U25ART Tan 296 (2)	U25ART Tan 296 (2)	STD (1)
—	Red 71 (4)	Red 71H① (4)	—	U29ART Red 324 (2)	U29ART Red 324 (2)	STD (2)
—	Red 71 (4)	Red 71H① (4)	—	U29ART Red 324 (2)	U29ART Red 324 (2)	STD (2)
—	Brown 87 (4)	Brown 87H① (4)	—	U31ART Brown 299 (2)	U31ART Brown 299 (2)	STD (2)
—	—	Pink 99H① (4)	—	U34ART Pink 300 (4)	U34ART Pink 300 (4)	—
—	—	Black 106 (3)	—	U36ART Black 473 (4)	U36ART Black 473 (4)	—
—	—	Yellow 115H① (4)	—	—	P39ART Red 301 (4)	—

①Half width dies.
②CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter. Maximum size splice is 250 kcmil with *PANDUIT* CT-920, CT-920CH and CT-2920 tools and Burndy Y35, Y35BH and BAT35 tools.
③CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for:
Type BPC

PANDUIT Part Number	Standard Wire Size	Wire Strip Length (In.)	*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)			
			CT-720	CT-2001, CT-2002	*UNI-DIE*™ CT-980, CT-980CH, CT-2980, CT-2981	CT-930, CT-930CH, CT-2930, CT-2931, CT-920, CT-920CH, CT-2940②, CT-2920, CT-940CH②
			Die Part Number / Color Code & Die Index Number / (Number Of Crimps)			
BPC6	#6 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-2001-3/0 Tan P50 (2)	(1)	CD-920-3/0 Tan P50 (2)
BPC4	#4 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-2001-3/0 Tan P50 (2)	(1)	CD-920-3/0 Tan P50 (2)
BPC2	#2 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-2001-3/0 Tan P50 (2)	(1)	CD-920-3/0 Tan P50 (2)
BPC1	#1 AWG	1-1/16	CD-720-2 Tan P50 (2)	CD-2001-3/0 Tan P50 (2)	(1)	CD-920-3/0 Tan P50 (2)
BPC1/0	1/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	(2)	CD-920-350 Red P71 (2)
BPC2/0	2/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	(2)	CD-920-350 Red P71 (2)
BPC3/0	3/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	(2)	CD-920-350 Red P71 (2)
BPC4/0	4/0 AWG	1-5/16	CD-720-5 Red P71 (2)	CD-2001-350 Red P71 (3)	(2)	CD-920-350 Red P71 (2)
BPC250	250 kcmil	1-7/16	—	—	(2)	CD-920-800 Green P94 (2)
BPC300	300 kcmil	1-7/16	—	—	(2)	CD-920-800 Green P94 (2)
BPC350	350 kcmil	1-7/16	—	—	(2)	CD-920-800 Green P94 (2)
BPC400	400 kcmil	1-7/16	—	—	(2)	CD-920-750, CD-940-750③ Black P106 (2)
BPC500	500 kcmil	1-7/16	—	—	(2)	CD-920-750, CD-940-750③ Black P106 (2)
BPC600	600 kcmil	1-15/16	—	—	—	CD-940-750A③ Red P125 (2)
BPC750	750 kcmil	1-15/16	—	—	—	CD-940-750A③ Red P125 (2)

①Half width dies.
②CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter. Maximum size splice is 250 kcmil with CT-920, CT-920CH and CT-2920 tools.
③CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for:

Type BPC (continued)

Thomas & Betts			Burndy		
13642M	TBM8	TBM15, TBM15I, TBM15BSCR	Y35, BAT35, Y750, Y750-HS, Y750BH, Y750-2, PAT750, Y750BH-2, BAT750	Y39, Y45, Y46, Y39BH	Y644M, Y644-HS, PAT644, BAT644, Y644MBH
Die Part Number / Color Code & Die Index Number / (Number Of Crimps)					
Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)	STD (1)
Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)	STD (1)
Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)	STD (1)
Orange 50 (2)	Tan 50 (2)	Orange 50 (2)	U25ART Tan 296 (2)	U25ART Tan 296 (2)	STD (1)
Blue 76H① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)	STD (1)
Blue 76H① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)	STD (1)
Blue 76H① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)	STD (1)
Blue 76H① (2)	Blue 76 (2)	Blue 76 (2)	U28ART White 298 (2)	U28ART White 298 (2)	STD (1)
Pink 99H① (2)	Brown 87 (3)	Brown 87H① (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)	STD (1)
Pink 99H① (2)	Brown 87 (3)	Brown 87H① (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)	STD (1)
Pink 99H① (2)	Brown 87 (3)	Brown 87H① (2)	U31ART Brown 299 (2)	U31ART Brown 299 (2)	STD (1)
Black 106H① (3)	—	Black 106H① (3)	U34ART Pink 300 (3)	U34ART Pink 300 (3)	STD (1)
Black 106H① (3)	—	Black 106H① (3)	U34ART Pink 300 (3)	U34ART Pink 300 (3)	STD (1)
Yellow 115H① (3)	—	Yellow 115H① (3)	—	U39ART-2 Yellow 936 (3)	—
Yellow 115H① (3)	—	Yellow 115H① (3)	—	U39ART-2 Yellow 936 (3)	—

①Half width dies.
②CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA die adapter. Maximum size splice is 250 kcmil with CT-920, CT-920CH and CT-2920 tools.
③CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

For use with Copper or Aluminum Conductors

Installation Tooling and Die Selections for:

Type HTAP

PANDUIT Part Number	Conductor Sizes		*PANDUIT* (See Compression Connector Tools Selection Guide, Pages D2.126 – D2.128)	
			CT-2001 CT-2002	CT-920, CT-920CH, CT-930, CT-930CH, CT-2920, CT-2930, CT-2931, CT-2940①, CT-940CH①
	Run	Tap	Die Part Number / Color Code & Die Index Number / (Number of Crimps)	
HTAP2-8	#2 – #6 AWG STR #1 – #6 AWG SOL	#8 – #14 AWG STR #7 – #14 AWG SOL	CD-2001-3/0 Orange P50 (2)	CD-920-3/0 (1)
HTAP1-1	#1 – #6 AWG STR #2 – #6 AWG SOL	#1 – #6 AWG STR #2 – #6 AWG SOL	CD-2001-0 Green P0 (4)	CD-920-0 (1)
HTAP1/0-1	1/0 – #6 AWG STR #2 – #6 AWG SOL	#1 – #6 AWG STR #2 – #6 AWG SOL	CD-2001-0 Green P0 (4)	CD-920-0 (1)
HTAP2/0-1	2/0 – #2 AWG STR #2 AWG SOL	#1 – #6 AWG STR #2 – #6 AWG SOL	CD-2001-0 Green P0 (4)	CD-920-0 (1)
HTAP3/0-1	3/0 – 1/0 AWG STR 4/0 – 3/0 AWG SOL	#1 – #6 AWG STR #2 – #6 AWG SOL	CD-2001-D3③ (4)	CD-920-D3 (1)
HTAP3/0-3/0	3/0 – 1/0 AWG STR 4/0 – 3/0 AWG SOL	3/0 – 1/0 AWG STR 4/0 – 3/0 AWG SOL	CD-2001-D3③ (5)	CD-920-D3 (1)
HTAP4/0-2	4/0 – 3/0 AWG STR	#1 – #6 AWG STR #2 – #6 AWG SOL	CD-2001-D3③ (4)	CD-920-D3 (1)
HTAP4/0-3/0	4/0 – 3/0 AWG STR	3/0 – #1 AWG STR	CD-2001-D3③ (6)	CD-920-D3 (1)
HTAP4/0-4/0	4/0 – 3/0 AWG STR	4/0 – 3/0 AWG STR	CD-2001-D3③ (7)	CD-920-D3 (2)
HTAP500-4/0	500 kcmil STR – 4/0 AWG STR	4/0 – 1/0 AWG STR	—	CD-930-N CD-940-N② (3)
HTAP500-500	500 kcmil STR – 4/0 AWG STR	500 kcmil STR – 4/0 – 1/0 AWG STR	—	CD-930-N CD-940-N② (2)

①CD-920 and CD-930 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.
②CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
③Built into the CT-2001 crimping tool.

PAN-LUG™ MECHANICAL CONNECTORS

PANDUIT offers a broad variety of mechanical lugs, splices and split bolt connectors suitable for a wide range of electrical terminations using code conductor. Designed to be reusable and installed without special tooling, PAN-LUG™ Mechanical Connectors provide quality performance, ease of installation and lowest installed cost.

- **Functional product information is marked directly on the connector, facilitating the identification, ordering and usage of the mechanical connector**
- **Incorporate wire range-taking capability to minimize inventory requirements**
- **Made from high strength, high conductivity electrolytic copper and aluminum alloy materials to provide optimum connectivity for power and grounding applications**
- **UL Listed and CSA Certified, as noted**

PAN-LUG™ Mechanical Connectors include split bolt connectors, copper mechanical lugs, aluminum mechanical lugs and aluminum multi-tap connectors with clear PVC insulation. Products are available in stamped and formed, extruded and cast varieties of multiple barrel and tongue configurations to provide solutions for diverse power and grounding needs. *PANDUIT* offers a wide assortment of PAN-LUG™ Power and Grounding Connectors to meet customer needs and today's application requirements.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

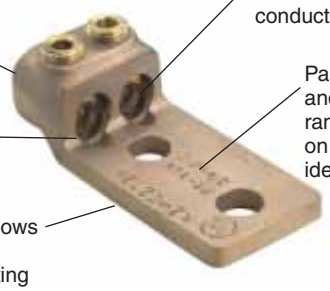
Features and Benefits – *PAN-LUG*™ Mechanical Connectors

Copper Split Bolt Connectors

- Part number and conductor range marked on part for easy identification
- Waxed body to prohibit binding of contact pad or nut
- Extra-long body available to connect two taps with one run
- Hex head with large wrench flats for easy assembly
- 250 kcmil and larger sizes have contact serrations for higher pull-out strength
- Made from high strength copper alloy

UL LISTED CSA CERTIFIED

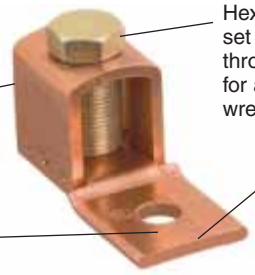
Cast Copper Connectors



- Made from high strength copper alloy
- Serrated barrel available for high pull-out strength
- Flat bottom allows full contact surface mounting
- Inspection windows to assure complete conductor insertion
- Part number and conductor range marked on part for easy identification

UL LISTED

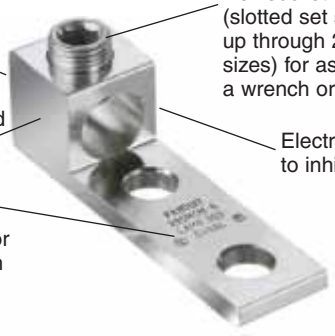
Stamped and Formed Copper Connectors



- Made from high strength, electrolytic copper alloy
- Part number and conductor range marked on part for easy identification
- Hex head bolt (slotted set screw used up through 1/0 AWG sizes) for assembly with a wrench or screwdriver
- Two styles of tongues available: fixed and floating

UL LISTED CSA CERTIFIED

Aluminum Connectors



- Dual rated for aluminum or copper conductors
- Made from high strength, extruded aluminum alloy
- Part number and conductor range marked on part for easy identification
- Hex socket set screw (slotted set screw used up through 2/0 AWG sizes) for assembly with a wrench or screwdriver
- Electro tin plated to inhibit corrosion

UL LISTED CSA CERTIFIED

Multi-Tap Connectors

- Hex socket set screws (slotted set screw for smallest size) for assembly with a wrench or screwdriver
- Pre-insulated aluminum body to eliminate the need for taping
- Dual sided conductor entry
- Made from high strength, extruded aluminum alloy
- Clear PVC insulation for visual inspection of the complete conductor insertion
- Factory pre-filled with oxide inhibitor to prevent oxidation

UL LISTED CSA CERTIFIED

Available with two isolated mounting holes at either end of connector to facilitate direct mounting using 1/4" bolts.

PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements. See pages E1.1 – E2.30.

Selection Guide – *PAN-LUG*™ Mechanical Connectors, Cast Copper

UL LISTED ‡	Mechanical Connector Type	Stud Hole Size (In.)	Copper Code Conductor Size																			
			#14 AWG	#12 AWG	#10 AWG	#8 AWG	#6 AWG	#4 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	300 kcmil	350 kcmil	500 kcmil	600 kcmil	750 kcmil	800 kcmil	1000 kcmil
			PANDUIT Part Number																			
D2.198	One-Hole, Straight Tongue HL	1/4	HL1-25-X ■ *			HL4-1-X ■ *		HL8-1-X*		HL13-1-5		HL21-1-5		HL30-1-2		HL50-1-2						
D2.198	One-Hole, Straight Tongue HLB	1/4				HLB4-1-X ■ *																
D2.199	One-Hole, Straight Tongue HLA-90	1/4				HLA4-1-90-X ■ *		HLA8-1-90-X*		HLA13-1-90-5		HLA21-1-90-5										
		3/8																				
D2.200	Two-Hole, Straight Tongue HL-2	1/4	HL1-2-25-X ■ *			HL4-2-X ■ *		HL8-2-X*		HL13-2-5		HL21-2-5		HL30-2-2		HL50-2-2						
		5/16																				
		3/8																				
D2.201	Two-Hole, Straight Tongue HL-2N	1/2						HL8-2N-X*		HL13-2N-5		HL21-2N-5		HL30-2N-2								
D2.202	Two-Hole, Straight Tongue H2L-2N	1/2				H2L4-2N-X ■ *		H2L8-2N-2*		H2L13-2N-2		H2L21-2N-2		H2L30-2N-1								
D2.203	Two-Way, Connector HC	—				HC4-3 ■ *		HC8-3*		HC13-3		HC21-1		HC30-1		HC50-1						
D2.201	Two-Hole, Straight Tongue HHL-2N	1/2						HHL8-2N-X*		HHL13-2N-5		HHL21-2N-5		HHL30-2N-1								
D2.197	One-Hole, Straight Tongue PNL	#10	PNL-8-C ■ *																			
		1/4	PNL-4-C ■ *																			
		5/16				PNL-1/0-L*																
		3/8					PNL-250-Q*															
		1/2						PNL-500-3*										PNL-1000-3				
D2.196	One-Hole, Straight Tongue ML	3/16	ML8-C ■ *																			
		1/4	ML4-C ■ *																			
		5/16				ML1/0-L*																
		3/8					ML250-Q															
D2.199	Two-Hole, Straight Tongue PNL-2	5/16				PNL-1/0-2-L*																
		3/8					PNL-250-2-Q*															
		1/2						PNL-500-2-3*										PNL-1000-2-3				
D2.203	Two-Way, Connector PNLC	—				PNLC-1/0-3*																
							PNLC-250-1*															
								PNLC-500-1*														

‡Type PNL is also CSA Certified, Type PNLC is not UL Listed or CSA Certified.
■Uses slotted set screw.
*Denotes minimum conductor size is solid conductor.

Selection guide continues on page D2.190

Selection Guide – *PAN-LUG*™ Mechanical Connectors, Stamped and Formed

UL LISTED CSA CERTIFIED	Mechanical Connector Type	Current Rating AMPS	Stud Hole Size (In.)	Copper Code Conductor Size: #14 AWG	#12 AWG	#10 AWG	#8 AWG	#6 AWG	#4 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	350 kcmil	400 kcmil	500 kcmil	600 kcmil	750 kcmil	800 kcmil	1000 kcmil
				PANDUIT Part Number																			
D2.207	One-Hole, Offset Tongue CB	25	1/8	CB25-18-C ■																			
		50	3/16	CB35-36-C • ■																			
		70	1/4	CBA70-14-C ■																			
		90		CB70-14-C • ■																			
		125								CB125-14-Q ■													
		175	3/8						CB175-38-Q														
		225	5/16					CB225-56-Q															
		300	3/8								CB300-38-Q												
		400										CB400-38-3											
		650	1/2																	CB650-12-3			
D2.207	Two Barrel, One-Hole, Offset Tongue DC	450	3/8					DC450-38-3															
		600									DC600-38-3												
		800	1/2									DC800-12-3											
D2.208	Two-Hole, Offset Tongue CO	50	3/16	CO35-36-Q • ■ (1)																			
		90	1/4	CO70-14-Q • ■ (1)																			
		125								CO125-14-Q ■ (1)													
		225	5/16					CO225-56-Q (1)															
		300	3/8								CO300-38-3 (3)												
		400										CO400-38-3 (2)											
		650	1/2																	CO650-12-3 ◆ (2)			
D2.204	One-Hole, Straight "Fixed" Tongue CX	35	3/16	CX35-36-C ■																			
		70	1/4	CX70-14-C • ■																			
		125							CX125-14-Q ■														
		225	5/16							CX225-56-Q													
		400	3/8												CX400-38-3								
D2.205	One-Hole, Straight Tongue CS	25	1/8	CS25-18-C ■																			
		50	3/16	CS35-36-C • ■																			
		70	1/4	CSA70-14-C ■																			
		90		CS70-14-C • ■																			
		125								CS125-14-Q ■													
		175	3/8						CS175-38-Q														
		225	5/16					CS225-56-Q															
		300	3/8								CS300-38-Q												
		400										CS400-38-3											
		650	1/2																	CS650-12-3			
D2.206	Two-Hole, Straight Tongue CD	50	3/16	CD35-36-Q • ■ (1)																			
		90	1/4	CD70-14-Q ■ (1)																			
		125					CD125-14-Q ■ (1)																	
		225	5/16					CD225-56-Q (1)															
		300	3/8								CD300-38-3 (1)												
		400										CD400-38-3 ◆ (2)											
		650	1/2																	CD650-12-3 ◆ (2)			

•Multiple conductor combinations.
◆NEMA hole sizes and spacing.
■Uses slotted set screw.
(1)1.00" stud hole spacing.
(2)1.75" stud hole spacing.
(3)1.87" stud hole spacing.

Selection Guide – *PAN-LUG*™ Mechanical Connectors, Aluminum

	Mechanical Connector Type	Stud Hole Size (In.)	Aluminum/Copper Code Conductor Size																			
			#14 AWG	#12 AWG	#10 AWG	#8 AWG	#6 AWG	#4 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	300 kcmil	350 kcmil	500 kcmil	600 kcmil	750 kcmil	800 kcmil	1000 kcmil
			PANDUIT Part Number																			
D2.209	One Barrel, One-Hole LAMA	1/4	LAMA6-14-Q ■																			
			LAMA2-14-Q ■																			
			LAMA1/0-14-Q ■																			
			LAMA2/0-14-Q ■																			
		5/16					LAMA250-56-Q															
							LAMA300-56-Q															
		3/8					LAMA350-38-Q															
D2.210								LAMA500-38-6														
								LAMA600-38-6														
								LAMA600S-38-6 ‡														
		5/8															LAMA800-58-6 ^					
																		LAMA1000-58-6				
	One Barrel, Two-Hole LAMB	1/2					LAMB350-12-6															
								LAMB600-12-3														
																	LAMLB800-12-3 ▲					
D2.210	Two Barrel, One-Hole LAM2A	1/4	LAM2A1/0-14-6 ■																			
			LAM2A2/0-14-6 ■ ^																			
		3/8					LAM2A250-38-6															
		1/2					LAM2A350-12-6															
								LAM2A600-12-6														
		5/8															LAM2A800-58-6					
D2.211																		LAM2A1000-58-6 ^ ‡‡				
	Two Barrel, Two-Hole LAM2B	1/2					LAM2B350-12-3															
								LAM2B600-12-3														
																	LAM2LB800-12-3 ▲ ‡‡					
D2.212	Two Barrel, Two-Hole LAM2SB	3/8							LAM2SB600-38-1													
													LAM2SB750-38-1									
D2.212	Three Barrel, Two-Hole LAM3B	5/16					LAM3B2-14-6 ■															
		3/8								LAM3B1/0-38-6 ■												
		1/2					LAM3B3/0-12-3 ■															
							LAM3B250-12-1															
							LAM3B350-12-1															
									LAM3B600-12-1													
																	LAM3LB800-12-1 ▲					
																		LAM3LB1000-12-1 ▲				
D2.213	Three Barrel, Two-Hole LAM3SB	3/8							LAM3SB600-38-1													
													LAM3SB750-38-1									
D2.213	Three Barrel, Four-Hole LAM3D	1/2					LAM3D3/0-12-3															
							LAM3D250-12-1															
							LAM3D350-12-1															
									LAM3D600-12-1													
																	LAM3LD800-12-1 ▲					
																		LAM3LD1000-12-1 ▲				
D2.214	Four Barrel, Two-Hole LAM4SB	3/8							LAM4SB600-38-1													
											LAM4SB750-38-1											
D2.214	Four Barrel, Four-Hole LAM4D	1/2					LAM4D250-12-1															
							LAM4D350-12-1															
									LAM4D600-12-1													
																	LAM4LD800-12-1 ▲					

‡LAMA600S-38-6 can also be used with (2) 250 kcmil-1/0 AWG conductors.
■ Uses slotted set screw.
▲ Uses double set screws.
^ Not CSA Certified.
‡‡ Not UL Listed.
Note: use of *PANDUIT* oxide inhibiting joint compound CMP-100 is recommended for use with aluminum mechanical connectors.

Selection guide continues on page D2.192

Selection Guide – *PAN-LUG*™ Mechanical Connectors, Split Bolts and Multi-Taps

Copper Split Bolt Connectors

For Use with Copper Code Conductors

D2.193

PANDUIT Part Number	Copper Conductor Range **		*PANDUIT* Part Number	Copper Conductor Range **	
	Min.	Max.		Min.	Max.
SBC8-C	#12 SOL	#8 STR	SBC1/0-L	#4 SOL	1/0 STR
SBC8L-C ^	#12 SOL	#8 STR	SBC2/0-Q	#2 SOL	2/0 STR
SBC6S-C	#10 SOL	#6 SOL	SBC3/0-Q	#2 SOL	3/0 STR
SBC6SL-C ^	#10 SOL	#6 SOL	SBC250-Q	1/0 SOL	250 kcmil
SBC4S-C	#8 SOL	#4 SOL	SBC350-1	4/0 STR	350 kcmil
SBC4SL-C ^	#8 SOL	#4 SOL	SBC500-1	250 kcmil	500 kcmil
SBC3-C	#6 SOL	#2 SOL	SBC750-1	350 kcmil	750 kcmil
SBC2-C	#6 SOL	#2 STR	SBC1000-1	500 kcmil	1000 kcmil
SBC2L-C ^	#6 SOL	#2 STR			

^Not CSA Certified.
**The conductor sizes shown are for equal run and tap combinations for both solid and stranded unless otherwise listed.

Tin Plated Copper Split Bolt Connectors

For Use with All Combinations of Copper and Aluminum Code Conductors

D2.194

PANDUIT Part Number	Copper and Alum. Conductor Range			Alum. Conductor Steel Reinforced	
	Range of Equal Main and Tap		Min. Tap w/ One Max. Main	Range of Main or Tap	
	Min.	Max.		Min.	Max.
SBCT8-C	#14 STR	#8 STR	#14 STR	—	8
SBCT6-C	#10 STR	#6 STR	#10 SOL	—	6
SBCT3-C	#8 SOL	#4 STR	#8 SOL	6	4
SBCT2-C	#8 SOL	#2 STR	#8 SOL	6	2
	Copper Conductor Range			Alum. Conductor Range	
				Aluminum	ACSR
SBCT10-C	#16 STR	#10 STR	#16 STR	#16 STR-#10 STR	—
SBCT1/0-L	#6 SOL	1/0 STR	#10 SOL	#6 SOL-1/0 STR	6-1
SBCT2/0-Q	#6 STR	2/0 STR	#10 SOL	#6 STR-2/0 STR	6-1/0
SBCT3/0-Q	#4 STR	3/0 STR	#6 SOL	#4 STR-3/0 STR	6-2/0
SBCT250-Q	#4 STR	250 kcmil	#4 STR	#4 STR-250 kcmil	4-4/0
SBCT350-1	3/0 STR	350 kcmil	#1 SOL	3/0 STR-350 kcmil	2/0-350
SBCT500-1	3/0 STR	500 kcmil	1/0 STR	3/0 STR-500 kcmil	2/0-47718/1
SBCT750-1	250 kcmil	750 kcmil	2/0 STR	250-750 kcmil	4/0-666.6
SBCT1000-1	350 kcmil	1000 kcmil	4/0 STR	350-1000 kcmil	300-900

Dual Rated Aluminum Split Bolt Connectors

For Use with Aluminum and Copper Code Conductor Combinations

D2.195

PANDUIT Part Number	Aluminum to Aluminum, Aluminum to Copper, Copper to Copper Conductors					
	Max. Run to Max. Tap		Min. Run to Min. Tap		Max. Run to Min. Tap	
SBA6-C	#6 STR	#6 STR	#10 SOL	#10 SOL	#6 STR	#10 SOL
SBA4-C	#4 STR	#4 STR	#8 SOL	#10 SOL	#4 STR	#10 SOL
SBA2-C	#2 STR	#2 STR	#6 SOL	#8 STR	#2 STR	#8 STR
SBA1/0-Q	1/0 STR	1/0 STR	#2 STR (Compact)	#8 SOL	1/0 STR	#8 SOL
SBA2/0-Q	2/0 STR	2/0 STR	#2 STR (Compact)	#8 STR	2/0 STR	#8 STR
SBA4/0-Q	4/0 STR	4/0 STR	#2 STR (Compact)	#6 STR	4/0 STR	#6 STR
SBA350-1 ^	350 kcmil	350 kcmil	1/0 STR (Compact)	#4 STR	350 kcmil	#4 STR
SBA500-1 ^	500 kcmil	500 kcmil	400 kcmil (Compact)	#2 STR (Compact)	500 kcmil	#2 STR (Compact)

^Not CSA Certified.

Multi-Tap Connectors with Clear Insulation

For Use with Aluminum and Copper Code Conductor Combinations

D2.217 – D2.222

Type	Description	No. of Ports	Copper or Aluminum Code Conductor Range
PCSB	Double-Sided Wire Entry	2 to 14	14 AWG Solid to 750 kcmil
PCSB-S	Single-Sided Wire Entry	2 to 14	14 AWG Stranded to 600 kcmil
PISR	In-Line Splicer/Reducer	2	14 AWG Stranded to 500 kcmil
PCSBM	Double-Sided Wire Entry Mountable	4 to 12	14 AWG Stranded to 600 kcmil
PCSBMT	Single-Sided Wire Entry Mountable	4 to 12	14 AWG Stranded to 600 kcmil

Order number of pieces required, in multiples of Standard Package Quantity.

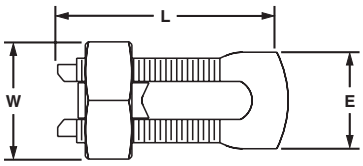
Prime items appear in **BOLD**.

Split Bolt, Copper

For Use with Copper Code Conductors

Type SBC

- Made from high strength copper alloy to resist corrosion and provide premium electrical and mechanical performance
- Offered with extra long body to allow connection of one or two taps to a single run conductor
- Wire range-taking capability minimizes inventory requirements
- Nut hex provides correct fit with socket, box or open end wrenches resulting in proper torquing of electrical connection
- Pressure bar provides secure connection on a full range of conductor combinations used with each connector assuring premium wire pull-out strength
- UL Listed and CSA Certified for use up to 600V and temperature rated 90°C



Part Number	Copper Conductor			Max. Conductor		Figure Dimensions (In.)			Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
	Range of Equal Run & Tap**		Min. Tap with One Max. Run	Copperweld						
	Min.	Max.		STR	TYPE A	E	W	L		
SBC8-C	#12 SOL	#8 STR	#16 STR	—	—	.38	.50	.84	80	100
SBC8L-C*	#12 SOL	#8 STR	#16 STR	—	—	.38	.50	.84	80	100
SBC6S-C	#10 SOL	#6 SOL	#16 SOL	—	—	.44	.63	1.05	165	100
SBC6SL-C*	#10 SOL	#6 SOL	#16 SOL	—	—	.44	.63	1.11	165	100
SBC4S-C	#8 SOL	#4 SOL	#16 SOL	3 No. 12	8A	.50	.69	1.05	165	100
SBC4SL-C*	#8 SOL	#4 SOL	#16 SOL	3 No. 12	8A	.50	.69	1.27	165	100
SBC3-C	#6 SOL	#2 SOL	#12 SOL	3 No. 9	5A	.63	.81	1.32	275	100
SBC2-C	#6 SOL	#2 STR	#14 STR	3 No. 7	3A	.63	.81	1.32	275	100
SBC2L-C*	#6 SOL	#2 STR	#14 STR	3 No. 7	3A	.63	.81	1.55	275	100
SBC1/0-L	#4 SOL	1/0 STR	#14 SOL	3 No. 6	2A	.69	.88	1.64	385	50
SBC2/0-Q	#2 SOL	2/0 STR	#14 STR	3 No. 6	—	.75	1.00	1.82	385	25
SBC3/0-Q	#2 SOL	3/0 STR	#12 SOL	7 No. 7	—	.88	1.13	1.97	500	25
SBC250-Q	1/0 SOL	250 kcmil	#10 SOL	7 No. 5	—	1.00	1.31	2.09	650	25
SBC350-1	4/0 STR	350 kcmil	#8 SOL	19 No. 7	—	1.50	1.63	2.63	650	1
SBC500-1	250 kcmil	500 kcmil	#8 SOL	19 No. 6	—	1.63	1.81	3.00	825	1
SBC750-1	350 kcmil	750 kcmil	#8 SOL	19 No. 5	—	1.94	2.13	3.75	1000	1
SBC1000-1	500 kcmil	1000 kcmil	#8 SOL	—	—	2.25	2.50	4.00	1100	1

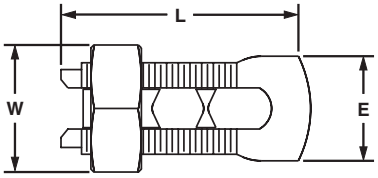
*Long body accommodates two tap conductors with single run; not CSA Certified.
**The conductor sizes shown are for equal run and tap combinations for both solid and stranded unless otherwise listed.

Split Bolt, Copper, Tin Plated

For Specified Combinations of Copper and Aluminum Code Conductors

Type SBCT

- Made from high strength copper alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion and oxidation
- Offered with dual rating for use with aluminum or copper conductors
- Wire range-taking capability minimizes inventory requirements
- Nut hex provides correct fit with socket, box or open end wrenches resulting in proper torquing of electrical connection
- Free floating pressure bar separates conductors of dissimilar materials for secure connection on a full range of conductor combinations
- UL Listed and CSA Certified for use up to 600V and UL temperature rated 90°C



Part Number	Copper and Aluminum Code Conductor: Range of Equal Run and Tap Min.	Range of Equal Run and Tap Max.	Min. Tap with One Max. Run	ACSR Range	Max. Conductor Copperweld STR	Copperweld Type A	Figure Dimensions (In.) E	W	L	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
UL Listed and CSA Certified with Copper and Aluminum Conductors											
SBCT8-C	#14 STR	#8 STR	#14 STR	#8	—	—	.49	.62	1.10	165	100
SBCT6-C	#10 STR	#6 STR	#10 SOL	#6	3 No. 12	8A	.56	.68	1.28	165	100
SBCT3-C	#8 SOL	#4 STR	#8 SOL	#6 – #4	3 No. 9	5A	.69	.80	1.55	275	100
SBCT2-C	#8 SOL	#2 STR	#8 SOL	#6 – #2	3 No. 7	3A	.69	.80	1.54	275	100
UL Listed and CSA Certified with Copper Code Conductors Only											
SBCT10-C	#16 STR	#10 STR	#16 STR	—	—	—	.38	.49	.87	80	100
SBCT1/0-L	#6 SOL	1/0 STR	#10 SOL	#6 – #1	3 No. 6	—	.75	.86	1.63	385	50
SBCT2/0-Q	#6 STR	2/0 STR	#10 SOL	#6 – 1/0	3 No. 5	—	.82	.99	1.82	385	25
SBCT3/0-Q	#4 STR	3/0 STR	#6 SOL	#6 – 2/0	7 No. 7	—	.88	1.12	2.01	500	25
SBCT250-Q	#4 STR	250 kcmil	#4 STR	#4 – 4/0	7 No. 5	—	1.00	1.27	1.37	650	25
SBCT350-1	3/0 STR	350 kcmil	#1 SOL	2/0 – 350	19 No. 7	—	1.50	1.63	2.57	650	1
SBCT500-1	3/0 STR	500 kcmil	1/0 STR	2/0 – 477 18/1	19 No. 6	—	1.65	1.81	3.00	825	1
SBCT750-1	250 kcmil	750 kcmil	2/0 STR	4/0 – 666.6	19 No. 5	—	1.93	2.11	3.78	1000	1
SBCT1000-1	350 kcmil	1000 kcmil	4/0 STR	300 – 900	—	—	2.29	2.53	4.02	1100	1

The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended. See pages D2.122, D2.223.

Order number of pieces required, in multiples of Standard Package Quantity.

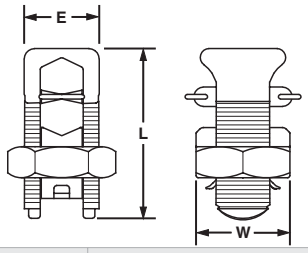
Prime items appear in **BOLD**.

Split Bolt, Aluminum

For Use with Copper and Aluminum Code Conductors

Type SBA

- Made from lightweight, durable aluminum alloy to resist corrosion and provide premium electrical and mechanical performance
- Dual rated for use with aluminum to aluminum, aluminum to copper and copper to copper conductor combinations
- Tin plated to inhibit corrosion and oxidation
- Wire range-taking capability minimizes inventory requirements
- True hex design for body and nut hex provides correct fit with socket, box or open end wrenches resulting in proper torquing of electrical connection
- Free floating pressure bar separates conductors of dissimilar materials for secure connection on a full range of conductor combinations
- UL Listed and CSA Certified for use up to 600V and UL temperature rated 90° C



Part Number	Max. Run to Max. Tap	Min. Run to Min. Tap	Max. Run to Min. Tap	Figure Dimensions (In.)			Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
				E	W	L		
SBA6-C	#6 STR – #6 STR	#10 SOL – #10 SOL	#6 STR – #10 SOL	.56	.75	1.58	165	100
SBA4-C	#4 STR – #4 STR	#8 SOL – #10 SOL	#4 STR – #10 SOL	.62	.81	1.38	165	100
SBA2-C	#2 STR – #2 STR	#6 SOL – #8 STR	#2 STR – #8 STR	.69	.94	1.58	275	100
SBA1/0-Q	1/0 STR – 1/0 STR	#2 STR (Compact) – #8 SOL	1/0 STR – #8 SOL	.75	1.00	1.92	385	25
SBA2/0-Q	2/0 STR – 2/0 STR	#2 STR (Compact) – #8 STR	2/0 STR – #8 STR	.88	1.12	1.92	385	25
SBA4/0-Q	4/0 STR – 4/0 STR	#2 STR (Compact) – #6 STR	4/0 STR – #6 STR	1.13	1.49	2.54	500	25
SBA350-1	350 kcmil – 350 kcmil	1/0 STR (Compact) – #4 STR	350 kcmil – #4 STR	1.50	1.69	3.24	650	1
SBA500-1	500 kcmil – 500 kcmil	400 kcmil (Compact) – #2 STR (Compact)	500 kcmil – #2 STR (Compact)	1.73	2.00	3.62	825	1

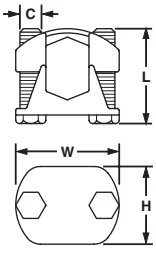
The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended. See pages D2.122, D2.223.

Two Bolt Connector, Bronze

For Use with Copper Code Conductors

Type VT

- Made from high strength bronze for heavy duty connections and to inhibit corrosion
- Cap swivels for easy installation of conductors
- Rubber washer retains hardware to connector and eliminates loose parts
- High strength silicon-bronze hardware provides premium mechanical performance when assembled to conductor
- Wire range-taking capability minimizes inventory requirements
- UL Listed for use up to 600V and 90°C temperature rated



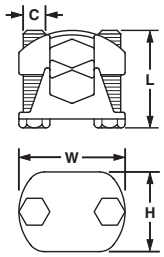
Part Number	Copper Conductor Size		Figure Dimensions (In.)				Hex Size (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
	Run	Tap	L	W	H	C			
VT-0-Q	#2 STR – 1/0 STR	#10 STR – 1/0 STR	1.50	1.44	.94	.31	1/2	180	25
VT-1-Q	#2 STR – 2/0 STR	#10 STR – 2/0 STR	1.50	1.56	1.13	.31	1/2	180	25
VT-2-Q	1/0 STR – 4/0 STR	#10 STR – 4/0 STR	1.75	1.84	1.34	.38	9/16	240	25
VT-3-12	250 kcmil – 350 kcmil	#10 STR – 350 kcmil	2.00	2.31	1.63	.50	3/4	480	12
VT-4-12	250 kcmil – 500 kcmil	#10 STR – 500 kcmil	2.25	2.44	1.69	.50	3/4	480	12
VT-5-6	400 kcmil – 800 kcmil	3/0 STR – 800 kcmil	2.50	2.69	1.88	.50	9/16	480	6
VT-6-6	500 kcmil – 1000 kcmil	3/0 STR – 1000 kcmil	2.75	3.06	2.25	.63	15/16	660	6

Two Bolt Connector, Bronze, Tin Plated

For Use with Copper and Aluminum Code Conductors

Type VTA

- Made from high strength bronze for heavy duty connections
- Tin plated to inhibit corrosion and oxidation
- Cap swivels for easy installation of conductors
- Rubber washer retains hardware to connector and eliminates loose parts
- High strength silicon-bronze hardware provides premium mechanical performance when assembled to conductor
- Offered for use with aluminum conductors, but not UL Listed
- UL Listed for use up to 600V and 90°C temperature rated when used with copper code conductor



Part Number	Max. Copper Conductor Size	Max. Aluminum Conductor Size*	Copperweld Solid	Figure Dimensions (In.)				Hex Size (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
				L	W	H	C			
VTA-0-Q	2/0 SOL – 1/0 STR	1/0 STR – 1 ACSR	2/0	1.25	1.44	.94	5/16	1/2	180	25
VTA-1-Q	3/0 SOL – 2/0 STR	—	3/0	1.50	1.56	1.13	5/16	1/2	180	25
VTA-2-Q	4/0 SOL – 4/0 STR	—	4/0	1.75	1.84	1.34	3/8	9/16	240	25
VTA-3-12	350 kcmil	—	—	2.00	2.31	1.63	1/2	3/4	480	12
VTA-4-12	500 kcmil	—	—	2.25	2.44	1.69	1/2	3/4	480	12
VTA-5-6	800 kcmil	—	—	2.50	2.69	1.88	1/2	3/4	480	6
VTA-6-6	1000 kcmil	—	—	2.75	3.06	2.25	5/8	15/16	660	6

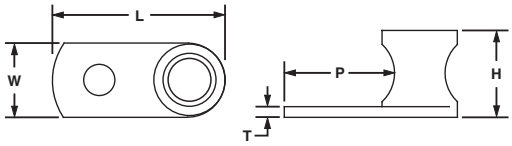
*Not UL Listed.

One-Hole, Straight Tongue, Barrel Post Lug

For Use with Copper Code Conductors

Type ML

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Compact design saves space
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600V and temperature rated 90°C



Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
				L	W	H	T	P		
ML8-C	#14 SOL – #8 STR	3/16	**	.81	.38	.38	.08	.48	25	100
ML4-C	#14 SOL – #4 STR	1/4	**	1.13	.50	.53	.09	.63	45	100
ML1/0-L	#8 SOL – 1/0 STR	5/16	1/4	1.50	.75	.75	.09	.80	200	50
ML250-Q	#6 STR – 250 kcmil	3/8	1/4	1.94	.94	1.06	.13	1.00	200	25
ML500-3	4/0 AWG – 500 kcmil	1/2	3/8	2.97	1.38	1.44	.13	2.00	375	3

**Uses slotted head set screw.

Order number of pieces required, in multiples of Standard Package Quantity.

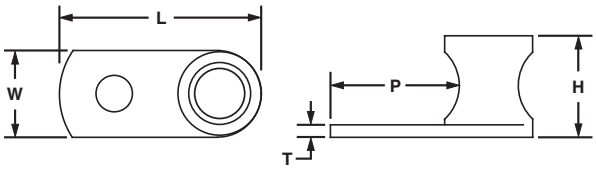
Prime items appear in **BOLD**.

One-Hole, Straight Tongue, Tin Plated, Barrel Post Lug

For Use with Copper Code Conductors

Type ML-T

- Made from high strength, electrolytic copper to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Compact design saves space
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600V and temperature rated 90°C



Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
				L	W	H	T	P		
ML8T-C	#14 SOL – #8 STR	3/16	**	.81	.38	.38	.08	.48	25	100
ML4T-C	#14 SOL – #4 STR	1/4	**	1.13	.50	.53	.09	.63	45	100
ML1/0T-L	#8 SOL – 1/0 STR	5/16	1/4	1.50	.75	.75	.09	.80	200	50
ML250T-Q	#6 STR – 250 kcmil	3/8	1/4	1.94	.94	1.06	.13	1.00	200	25

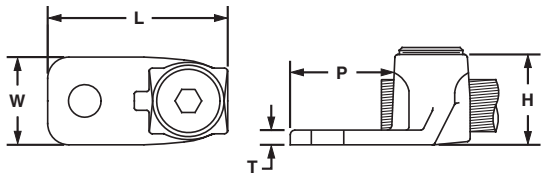
**Uses slotted head set screw.

One-Hole, Straight Tongue Lug

For Use with Copper Code Conductors

Type PNL

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Compact design saves space
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Flat bottom allows for complete contact with mounting surface
- UL Listed and CSA Certified for use up to 600V and UL temperature rated 90°C



Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
				L	W	H	T	P		
PNL-8-C	#14 SOL – #8 STR	#10	**	.88	.38	.44	.09	.50	25	100
PNL-4-C	#14 SOL – #4 STR	1/4	**	1.25	.53	.56	.14	.66	45	100
PNL-1/0-L	#8 SOL – 1/0 STR	5/16	1/4	1.59	.73	.78	.14	.85	200	50
PNL-250-Q	#6 SOL – 250 kcmil	3/8	5/16	1.97	.94	1.05	.13	1.00	275	25
PNL-500-3	#4 SOL – 500 kcmil	1/2	3/8	3.00	1.38	1.47	.25	1.63	375	3
PNL-1000-3	500 kcmil – 1000 kcmil	1/2	1/2	3.88	1.75	2.00	.38	2.13	500	3

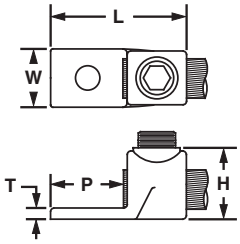
**Uses slotted head set screw.

One-Hole, Straight Tongue Lug with Internal Pressure Plate

For Use with Copper Code Conductors

Type HL

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Compact design saves space
- Wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Flat bottom allows for complete contact with mounting surface
- Inspection window to visually assure full conductor insertion
- UL Listed for use up to 600V and temperature rated 90°C



Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
				L	W	H	T	P		
HL1-25-X	#14 SOL – #8 STR	1/4	**	1.25	.56	.79	.19	.63	20	10
HL4-1-X	#8 SOL – #4 STR	1/4	**	1.25	.56	.79	.19	.63	35	10
HL8-1-X	#4 SOL – #1 STR	1/4	7/16	1.56	.75	.90	.22	.69	100	10
HL13-1-5	#1 STR – 2/0 STR	3/8	9/16	1.88	.81	1.14	.22	.88	250	5
HL21-1-5	2/0 STR – 4/0 STR	3/8	9/16	2.19	1.00	1.31	.25	1.00	250	5
HL30-1-2	4/0 STR – 300 kcmil	1/2	5/8	2.50	1.06	1.47	.31	1.25	350	2
HL50-1-2	300 kcmil – 500 kcmil	1/2	3/4	3.00	1.38	1.65	.34	1.50	480	2

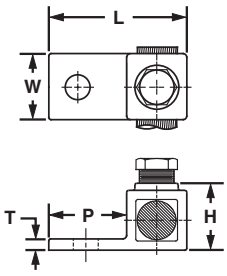
**Uses slotted head set screw.

One-Hole, Straight Tongue, Flag Lug

For Use with Copper Code Conductors

Type HLB

- Provides connection of conductor at right angles to terminal bar
- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Compact design saves space
- Wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Flush bottom allows for complete contact with mounting surface
- Inspection window to visually assure full conductor insertion
- UL Listed for use up to 600V and temperature rated 90°C



Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
				L	W	H	T	P		
HLB4-1-X	#8 SOL – #4 STR	1/4	**	1.25	.50	.79	.19	.63	35	10

**Uses slotted head set screw.

Order number of pieces required, in multiples of Standard Package Quantity.

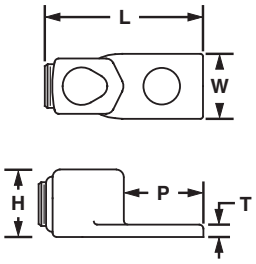
Prime items appear in **BOLD**.

One-Hole, Straight Tongue, 90° Lug

For Use with Copper Code Conductors

Type HLA-90

- Provides connection of conductor at right angles to terminal bar
- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Compact design saves space
- Wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Flush bottom allows for complete contact with mounting surface
- Inspection window to visually assure full conductor insertion
- UL Listed for use up to 600V and temperature rated 90°C



Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
				L	W	H	T	P		
HLA4-1-90-X	#8 SOL – #4 STR	1/4	**	1.81	.56	.73	.19	.63	35	10
HLA8-1-90-X	#4 SOL – #1 STR	1/4	7/16	1.50	.75	.75	.22	.69	100	10
HLA13-1-90-5	#1 STR – 2/0 STR	3/8	9/16	2.38	.81	1.00	.22	.88	250	5
HLA21-1-90-5	2/0 STR – 4/0 STR	3/8	9/16	2.69	1.00	1.14	.25	1.00	250	5

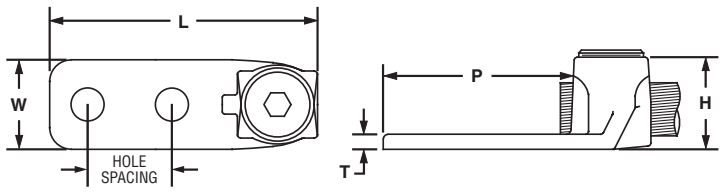
**Uses slotted head set screw.

Two-Hole, Straight Tongue Lug

For Use with Copper Code Conductors

Type PNL-2

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600V and temperature rated 90°C
- Available with NEMA hole sizes and spacing



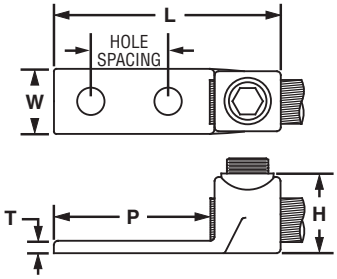
Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
					L	W	H	T	P		
PNL-1/0-2-L	#8 SOL – 1/0 STR	5/16	1.00	1/4	2.75	.75	.84	.19	2.00	200	50
PNL-250-2-Q	#6 SOL – 250 kcmil	3/8	1.00	1/4	2.88	.94	1.03	.22	2.02	200	25
PNL-500-2-3	#4 SOL – 500 kcmil	3/8	1.00	3/8	3.38	1.38	1.47	.31	2.00	375	3
PNL-1000-2-3	500 kcmil – 1000 kcmil	1/2	1.50	3/8	4.88	1.75	2.00	.38	3.13	375	3

Two-Hole, Straight Tongue Lug with Internal Pressure Plate

For Use with Copper Code Conductors

Type HL-2

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Inspection window to visually assure full conductor insertion
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600V and temperature rated 90°C



Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
					L	W	H	T	P		
HL1-2-25-X	#14 SOL – #8 STR	1/4	.63	**	2.00	.56	.70	.19	1.25	20	10
HL4-2-X	#8 SOL – #4 STR	1/4	.63	**	2.00	.56	.69	.18	1.25	35	10
HL8-2-X	#4 SOL – #1 STR	1/4	.75	7/16	2.44	.75	.92	.22	1.50	100	10
HL13-2-5	#1 STR – 2/0 STR	5/16	1.00	9/16	2.88	.81	1.07	.22	1.88	250	5
HL21-2-5	2/0 STR – 4/0 STR	3/8	1.00	9/16	3.00	1.00	1.33	.25	1.75	250	5
HL30-2-2	4/0 STR – 300 kcmil	3/8	1.00	5/8	3.13	1.06	1.45	.31	2.00	350	2
HL50-2-2	300 kcmil – 500 kcmil	3/8	1.00	3/4	3.44	1.38	1.66	.34	2.00	480	2

**Uses slotted head set screw

Order number of pieces required, in multiples of Standard Package Quantity.

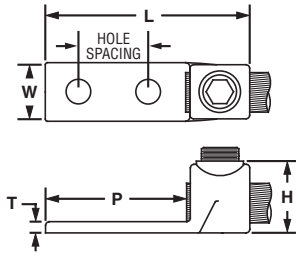
Prime items appear in **BOLD**.

Two-Hole, Straight Tongue Lug with NEMA Hole Sizes and Spacing

For Use with Copper Code Conductors

Type HL-2N

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Internal barrel serrations allow for premium wire pull-out strength
- Inspection window to visually assure full conductor insertion
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600V and temperature rated 90°C



	Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
						L	W	H	T	P		
◆	**HL8-2N-X**	#4 SOL – #1 STR	1/2	1.75	7/16	3.94	1.00	.90	.22	3.00	100	10
◆	**HL13-2N-5**	#1 STR – 2/0 STR	1/2	1.75	9/16	4.25	1.00	1.07	.22	3.00	250	5
◆	**HL21-2N-5**	2/0 STR – 4/0 STR	1/2	1.75	9/16	4.19	1.25	1.34	.25	3.00	250	5
◆	**HL30-2N-2**	4/0 STR – 300 kcmil	1/2	1.75	5/8	4.25	1.25	1.46	.31	3.00	350	2

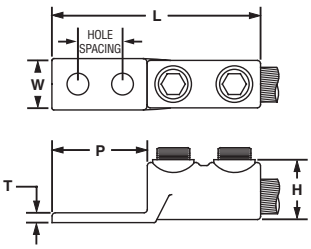
◆NEMA hole sizes and spacing.

Two-Hole, Straight Tongue, Tandem Set Screw Lug

For Use with Copper Code Conductors

Type HHL-2N

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Double set screws provide additional wire secureness for use in heavy duty applications
- Wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Internal barrel serrations allow for premium wire pull-out strength
- Inspection window to visually assure full conductor insertion
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600V and temperature rated 90°C



	Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
						L	W	H	T	P		
◆	**HHL8-2N-X**	#4 SOL – #1 STR	1/2	1.75	7/16	5.13	1.00	.80	.22	3.00	100	10
◆	**HHL13-2N-5**	#1 STR – 2/0 STR	1/2	1.75	9/16	4.88	1.25	1.00	.22	3.00	250	5
◆	**HHL21-2N-5**	2/0 STR – 4/0 STR	1/2	1.75	9/16	5.63	1.50	1.37	.25	3.00	250	5
◆	**HHL30-2N-1**	4/0 STR – 300 kcmil	1/2	1.75	5/8	5.88	1.50	1.45	.31	3.00	350	1

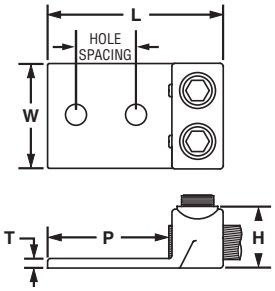
◆NEMA hole sizes and spacing.

Two-Hole, Straight Tongue, Two Barrel Lug

For Use with Copper Code Conductors

Type H2L-2N

- Allows for termination of two copper conductors
- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Internal barrel serrations provide premium wire pull-out strength
- Inspection window to visually assure full conductor insertion
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600V and temperature rated 90°C



	Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
						L	W	H	T	P		
◆	**H2L4-2N-X**	#8 SOL – #4 STR	1/2	1.75	**	3.75	1.25	.76	.19	3.00	35	10
◆	**H2L8-2N-2**	#4 SOL – #1 STR	1/2	1.75	7/16	3.94	1.38	.92	.22	3.00	100	2
◆	**H2L13-2N-2**	#1 STR – 2/0 STR	1/2	1.75	9/16	4.00	1.63	1.06	.22	3.00	250	2
◆	**H2L21-2N-2**	2/0 STR – 4/0 STR	1/2	1.75	9/16	4.19	1.88	1.34	.31	3.00	250	2
◆	**H2L30-2N-1**	4/0 STR – 300 kcmil	1/2	1.75	5/8	4.38	2.00	1.45	.31	3.00	350	1

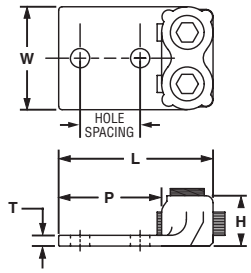
**Uses slotted head set screw.
◆NEMA hole sizes and spacing.

Two-Hole, Straight Tongue, Two Barrel, Tin Plated Lug

For Use with Copper Code Conductors

Type P2NLT

- Allows for termination of two copper conductors
- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Wire range-taking capability minimizes inventory requirements
- Internal barrel serrations provide premium wire pull-out strength
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact
- Flat bottom allows for complete contact with mounting surface
- UL Listed for use up to 600V and temperature rated 90°C



	Part Number	Copper Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
						L	W	H	T	P		
◆	**P2NLT-500-3**	#4 SOL – 500 kcmil	1/2	1.75	3/8	4.50	2.50	1.47	.38	3.00	375	3

◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

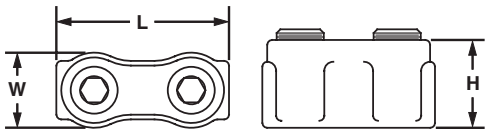
Prime items appear in **BOLD**.

Two Set Screw Splice

For Use with Copper Code Conductors

Type PNLC

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Wire range-taking capability minimizes inventory requirements
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- Internal wire stops to prevent over-insertion of conductor
- For use up to 600V and temperature rated 90°C



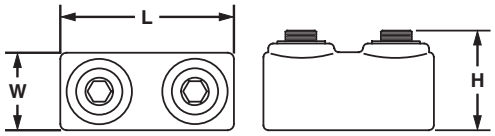
Part Number	Copper Conductor Size Range	Hex Key Size (In.)	Figure Dimensions (In.)			Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
			L	W	H		
PNLC-1/0-3	#8 SOL – 1/0 STR	1/4	1.63	.72	.84	200	3
PNLC-250-1	#6 SOL – 250 kcmil	3/8	2.13	.97	1.06	375	1
PNLC-500-1	#4 SOL – 500 kcmil	3/8	3.00	1.38	1.47	375	1

Two Set Screw Splice with Internal Pressure Plate

For Use with Copper Code Conductors

Type HC

- Cast from high strength corrosion resistant copper alloy to provide premium electrical and mechanical performance
- Wire range-taking capability minimizes inventory requirements
- Internal pressure plate provides uniform clamping force on conductor for premium electrical performance
- Internal barrel serrations provide premium wire pull-out strength
- Internal wire stops to prevent over-insertion of conductor
- UL Listed for use up to 600V and temperature rated 90°C



Part Number	Copper Conductor Size Range	Hex Key Size (In.)	Figure Dimensions (In)			Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
			L	W	H		
HC4-3*	#8 SOL – #4 STR	**	1.25	.50	.56	35	3
HC8-3*	#4 SOL – #1 STR	7/16	1.75	.69	.81	100	3
HC13-3	#1 STR – 2/0 STR	9/16	2.00	.81	.94	250	3
HC21-1	2/0 STR – 4/0 STR	9/16	2.25	1.00	1.19	250	1
HC30-1	4/0 STR – 300 kcmil	5/8	2.56	1.19	1.44	350	1
HC50-1	300 kcmil – 500 kcmil	3/4	3.00	1.38	1.63	480	1

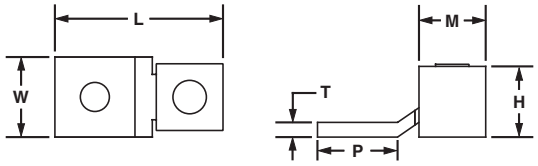
*Includes swivel screws, not internal pressure plate.
**Uses slotted head set screw.

One-Hole, Straight Fixed Tongue Lug

For Use with Stranded Copper Code Conductors

Type CX

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Compact design saves space
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V



Part Number	Copper Conductor Size Range	Current Rating (Amps)	Stud Hole Size (In.)	Hex Size (In.)	Figure Dimensions (In.)						Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
					L	W	H	T	P	M		
CX35-36-C	#14 AWG – #6 AWG	35	3/16	**	1.02	.38	.48	.07	.44	.38	25	100
CX70-14-C	#14 AWG – #4 AWG, (2) #14 AWG, (2) #12 AWG	70	1/4	**	1.27	.50	.57	.08	.59	.50	35	100
CX125-14-Q	#4 AWG – 1/0 AWG	125	1/4	**	1.53	.62	.77	.13	.84	.62	50	25
CX225-56-Q	#2 AWG – 4/0 AWG	225	5/16	9/16	2.19	1.00	1.13	.13	1.06	1.00	50	25
CX400-38-3	4/0 AWG – 500 kcmil	400	3/8	3/4	3.16	1.50	1.65	.19	1.69	1.38	50	3

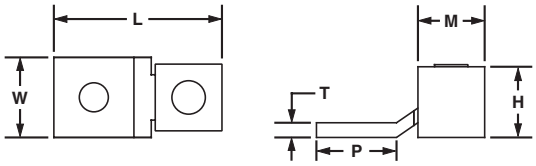
**Uses slotted head set screw.

One-Hole, Straight Fixed Tongue, Tin Plated Lug

For Use with Stranded Copper Code Conductors

Type CX-T

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Compact design saves space
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V



Part Number	Copper Conductor Size Range	Current Rating (Amps)	Stud Hole Size (In.)	Hex Size (In.)	Figure Dimensions (In.)						Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
					L	W	H	T	P	M		
CX35-36T-C	#14 AWG – #6 AWG	35	3/16	**	1.02	.38	.48	.07	.44	.38	25	100
CX70-14T-C	#14 AWG – #4 AWG, (2) #14 AWG, (2) #12 AWG	70	1/4	**	1.27	.50	.57	.08	.59	.50	35	100
CX125-56T-Q	#4 AWG – 1/0 AWG	125	5/16	**	1.53	.62	.77	.13	.84	.62	50	25
CX225-38T-Q	#2 AWG – 4/0 AWG	225	3/8	9/16	2.19	1.00	1.13	.13	1.06	1.00	50	25
CX400-12T-3	4/0 AWG – 500 kcmil	400	1/2	3/4	3.16	1.50	1.65	.19	1.69	1.38	50	3

**Uses slotted head set screw.

Order number of pieces required, in multiples of Standard Package Quantity.

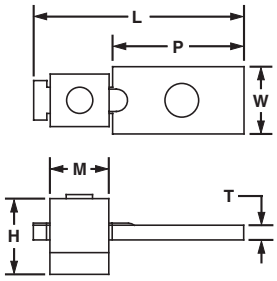
Prime items appear in **BOLD**.

One-Hole, Straight Floating Tongue Lug

For Use with Stranded Copper Code Conductors

Type CS

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Wire range-taking capability minimizes inventory requirements
- Internal pressure bar and V-bottom collar provide uniform clamping force on conductor to assure positive contact between conductor and connector
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V



Part Number	Copper Conductor Size Range	Current Rating (Amps)	Stud Hole Size (In.)	Hex Size (In.)	Figure Dimensions (In.)						Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
					L	W	H	T	P	M		
CS25-18-C	#14 AWG – #10 AWG	25	1/8	**	1.16	.32	.37	.07	.75	.28	45	100
CS35-36-C	#14 AWG – #6 AWG, (2) #10 AWG, (2) #12 AWG, (2) #14 AWG, (1) #10 AWG with (1) #12 AWG, (1) #12 AWG with (1) #14 AWG	50	3/16	**	1.14	.38	.52	.07	.60	.44	120	100
CSA70-14-C	#14 AWG – #4 AWG	70	1/4	**	1.30	.50	.56	.08	.71	.42	200	100
CS70-14-C	#12 AWG – #1 AWG, (1) #8 AWG with (1) #4 AWG, (1) #8 AWG with (1) #6 AWG	90	1/4	**	1.50	.50	.65	.08	.81	.50	200	100
CS125-14-Q	#2 AWG – 1/0 AWG	125	1/4	**	1.94	.62	.88	.13	1.00	.62	200	25
CS175-38-Q	#4 AWG – 3/0 AWG	175	3/8	9/16	2.19	.75	1.04	.16	1.25	.75	375	25
CS225-56-Q	#6 AWG – 4/0 AWG	225	5/16	5/8	2.38	1.00	1.13	.13	1.19	1.00	275	25
CS300-38-Q	#1 AWG – 350 kcmil	300	3/8	3/4	3.19	1.00	1.38	.19	1.63	1.23	375	25
CS400-38-3	1/0 AWG – 500 kcmil	400	3/8	3/4	3.88	1.50	1.56	.19	2.19	1.50	375	3
CS650-12-3	600 kcmil – 1000 kcmil	650	1/2	1 1/8	5.13	2.00	2.34	.25	2.82	1.87	500	3

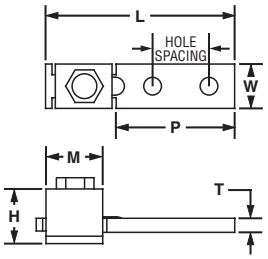
**Uses slotted head set screw.

Two-Hole, Straight Floating Tongue Lug

For Use with Stranded Copper Code Conductors

Type CD

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Wire range-taking capability minimizes inventory requirements
- Internal pressure bar and V-bottom collar provide uniform clamping force on conductor to assure positive contact between conductor and connector
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V
- Available with NEMA hole sizes and spacing



	Part Number	Copper Conductor Size Range	Current Rating (Amps)	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Size (In.)	Figure Dimensions (In.)						Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
							L	W	H	T	P	M		
	CD35-36-Q	#14 AWG – #6 AWG, (2) #10 AWG, (2) #12 AWG, (2) #14 AWG, (1) #10 AWG with (1) #12 AWG, (1) #12 AWG with (1) #14 AWG	50	3/16	1.00	**	2.13	.38	.52	.07	1.60	.44	120	25
	CD70-14-Q	#12 AWG – #2 AWG	90	1/4	1.00	**	2.26	.50	.65	.09	1.63	.50	200	25
	CD125-14-Q	#8 AWG – 2/0 AWG	125	1/4	1.00	**	2.94	.62	.88	.13	1.88	.62	200	25
	CD225-56-Q	#6 AWG – 4/0 AWG	225	5/16	1.00	5/8	3.38	1.00	1.17	.13	2.13	1.00	275	25
	CD300-38-3	#1 AWG – 350 kcmil	300	3/8	1.00	3/4	4.94	1.00	1.39	.19	3.32	1.23	375	3
	CD400-38-3	1/0 AWG – 500 kcmil	400	3/8	1.75	3/4	5.62	1.50	1.56	.19	3.57	1.50	375	3
◆	**CD650-12-3**	600 kcmil – 1000 kcmil	650	1/2	1.75	1 1/8	6.88	2.00	2.34	.25	4.69	1.88	500	3

**Uses slotted head set screw.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

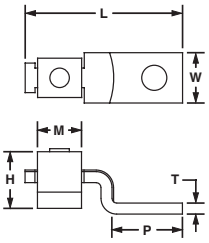
Prime items appear in **BOLD**.

One-Hole, Offset Floating Tongue Lug

For Use with Stranded Copper Code Conductors

Type CB

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Wire range-taking capability minimizes inventory requirements
- Internal pressure bar and V-bottom collar provide uniform clamping force on conductor to assure positive contact between conductor and connector
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V



Part Number	Copper Conductor Size Range	Current Rating (Amps)	Stud Hole Size (In.)	Hex Size (In.)	Figure Dimensions (In.)						Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
					L	W	H	T	P	M		
CB25-18-C	#14 AWG – #10 AWG	25	1/8	**	1.00	.32	.37	.07	.44	.28	45	100
CB35-36-C	#14 AWG – #6 AWG, (2) #10 AWG, (2) #12 AWG, (2) #14 AWG, (1) #10 AWG with (1) #12 AWG, (1) #12 AWG with (1) #14 AWG	50	3/16	**	1.19	.38	.52	.07	.47	.44	120	100
CBA70-14-C	#14 AWG – #4 AWG	70	1/4	**	1.31	.50	.58	.08	.57	.43	200	100
CB70-14-C	#12 AWG – #2 AWG, (1) #8 AWG with (1) #4 AWG, (1) #8 AWG with (1) #6 AWG	90	1/4	**	1.55	.50	.65	.09	.66	.49	200	100
CB125-14-Q	#2 AWG – 1/0 AWG	125	1/4	**	1.97	.63	.88	.13	.93	.62	200	25
CB175-38-Q	#4 AWG – 3/0 AWG	175	3/8	5/16	2.19	.75	1.04	.16	.94	.74	375	25
CB225-56-Q	#6 AWG – 4/0 AWG	225	5/16	5/8	2.38	1.00	1.17	.13	1.06	1.00	275	25
CB300-38-Q	#1 AWG – 350 kcmil	300	3/8	3/4	3.16	1.00	1.41	.19	1.50	1.23	375	25
CB400-38-3	1/0 AWG – 500 kcmil	400	3/8	3/4	4.25	1.50	1.57	.19	2.02	1.50	375	3
CB650-12-3	600 kcmil – 1000 kcmil	650	1/2	1 1/8	4.63	2.00	2.34	.25	2.04	1.84	500	3

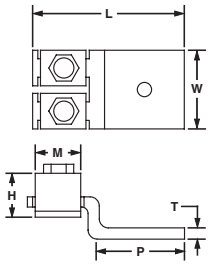
**Uses slotted head set screw.

One-Hole, Offset Floating Tongue, Two Barrel Lug

For Use with Stranded Copper Code Conductors

Type DC

- Dual barrel provides termination of two copper conductors
- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Wire range-taking capability minimizes inventory requirements
- Internal pressure bar and V-bottom collar provide uniform clamping force on conductor to assure positive contact between conductor and connector
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V



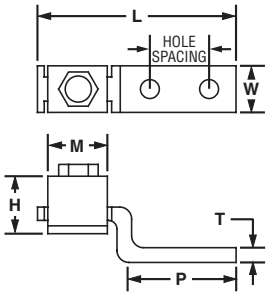
Part Number	Copper Conductor Size Range	Current Rating (Amps)	Stud Hole Size (In.)	Hex Size (In.)	Figure Dimensions (In.)						Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
					L	W	H	T	P	M		
DC450-38-3	#6 AWG – 4/0 AWG	450	3/8	5/8	3.40	1.50	1.13	.19	1.94	1.00	375	3
DC600-38-3	#1 AWG – 350 kcmil	600	3/8	3/4	3.50	1.75	1.39	.19	1.76	1.23	375	3
DC800-12-3	1/0 AWG – 500 kcmil	800	1/2	3/4	4.43	2.00	1.13	.25	2.09	1.50	500	3

Two-Hole, Offset Floating Tongue Lug

For Use with Stranded Copper Code Conductors

Type CO

- Made from high strength electrolytic copper to provide premium electrical and mechanical performance
- Wire range-taking capability minimizes inventory requirements
- Internal pressure bar and V-bottom collar provide uniform clamping force on conductor to assure positive contact between conductor and connector
- Inspection window to visually assure full conductor insertion
- Plated steel set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V
- Available with NEMA hole sizes and spacing



Part Number	Copper Conductor Size Range	Current Rating (Amps)	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Size (In.)	Figure Dimensions (In.)						Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
						L	W	H	T	P	M		
CO35-36-Q	#14 AWG – #6 AWG, (2) #10 AWG, (2) #12 AWG, (2) #14 AWG, (1) #10 AWG with (1) #12 AWG, (1) #12 AWG with (1) #14 AWG	50	3/16	1.00	**	2.19	.38	.52	.07	1.50	.44	120	25
CO70-14-Q	#12 AWG – #1 AWG, (1) #8 AWG with (1) #4 AWG, (1) #8 AWG with (1) #6 AWG	90	1/4	1.00	**	2.50	.50	.65	.09	1.66	.50	200	25
CO125-14-Q	#2 AWG – 1/0 AWG	125	1/4	1.00	**	2.97	.63	.88	.13	1.88	.63	200	25
CO225-56-Q	#6 AWG – 4/0 AWG	225	5/16	1.00	5/8	3.62	1.00	1.12	.13	2.27	1.00	275	25
CO300-38-3	#1 AWG – 350 kcmil	300	3/8	1.87	3/4	5.69	1.00	1.39	.19	4.01	1.23	375	3
CO400-38-3	1/0 AWG – 500 kcmil	400	3/8	1.75	3/4	6.00	1.50	1.56	.19	3.77	1.53	375	3
◆ **CO650-12-3**	600 kcmil – 1000 kcmil	650	1/2	1.75	1 1/8	6.25	2.00	2.34	.25	3.69	1.88	500	3

**Uses slotted head set screw.
◆NEMA holes sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

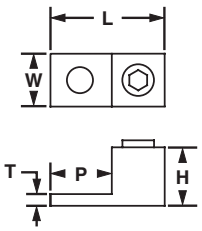
Prime items appear in **BOLD**.

One-Hole, Single Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAMA

- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Compact design saves space
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V and UL temperature rated 90°C



Part Number	Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
				L	W	H	T	P		
LAMA6-14-Q	#14 AWG – #6 AWG	1/4	**	1.06	.38	.50	.09	.69	45*	25
LAMA2-14-Q	#14 AWG – #2 AWG	1/4	**	1.16	.50	.56	.09	.69	50*	25
LAMA1/0-14-Q	#14 AWG – 1/0 AWG	1/4	**	1.47	.62	.81	.19	.85	50*	25
LAMA2/0-14-Q	#14 AWG – 2/0 AWG	1/4	**	1.47	.62	.81	.19	.85	50*	25
LAMA250-56-Q	#6 AWG – 250 kcmil	5/16	3/8	2.00	.90	1.06	.22	1.00	375*	25
LAMA300-56-Q	#6 AWG – 300 kcmil	5/16	3/8	2.00	.90	1.06	.22	1.00	375*	25
LAMA350-38-Q	#6 AWG – 350 kcmil	3/8	3/8	2.25	1.13	1.25	.25	1.13	375*	25
LAMA500-38-6	#4 AWG – 500 kcmil	3/8	1/2	2.75	1.38	1.50	.31	1.50	500	6
LAMA600-38-6	#4 AWG – 600 kcmil	3/8	1/2	2.75	1.38	1.50	.31	1.50	500	6
LAMA600S-38-6**	#4 AWG – 600 kcmil or (2) 1/0 AWG – 250 kcmil	3/8	1/2	2.81	1.38	1.81	.31	1.50	500	6
LAMA800-58-6	350 kcmil – 800 kcmil	5/8	9/16	3.38	1.63	1.94	.38	1.75	600	6
LAMA1000-58-6	500 kcmil – 1000 kcmil	5/8	9/16	3.50	1.75	2.13	.44	1.75	600	6

The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See pages D2.122, D2.223.

*Listed torque values are for maximum conductor sizes, consult the installation instruction sheet for smaller sizes.

**Uses slotted head set screw.

***Accommodates two conductors for conductor range 1/0 AWG – 250 kcmil.

Two-Hole, Single Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAMB

- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Compact design saves space
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- LAMLB provided with dual set screws for premium clamping of conductor to connector for heavy duty applications
- UL Listed and CSA Certified for use up to 600V and UL temperature rated 90°C

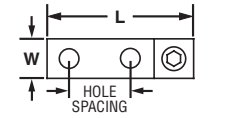


Figure 1

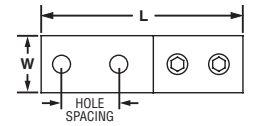


Figure 2

	Part Number	Figure No.	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
							L	W	H	T	P		
◆	**LAMB350-12-6**	1	#6 AWG – 350 kcmil	1/2	1.75	3/8	4.19	1.13	1.25	.25	3.06	#6 – #2 AWG 2 – 200, #1 AWG – 350 kcmil – 375	6
◆	**LAMB600-12-3**	1	#4 AWG – 600 kcmil	1/2	1.75	1/2	4.69	1.50	1.56	.44	3.31	500	3
◆	**LAMLB800-12-3**	2	350 kcmil – 800 kcmil	1/2	1.75	3/8	6.19	1.75	1.88	.56	3.44	375	3

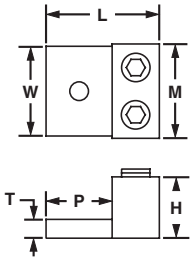
The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See pages D2.122, D2.223.
◆NEMA hole sizes and spacing.

One-Hole, Two Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM2A

- Dual barrel provides termination of two conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V and UL temperature rated 90°C



	Part Number	Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)						Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
					L	W	H	T	P	M		
	LAM2A1/0-14-6	#14 AWG – 1/0 AWG	1/4	**	1.47	1.20	.81	.19	.85	1.12	45*	6
^	**LAM2A2/0-14-6**	#14 AWG – 2/0 AWG	1/4	**	1.47	1.20	.81	.19	.85	1.20	50*	6
	LAM2A250-38-6	#6 AWG – 250 kcmil	3/8	3/8	2.56	1.50	1.19	.25	1.56	1.62	375	6
	LAM2A350-12-6	#6 AWG – 350 kcmil	1/2	3/8	2.88	1.75	1.25	.25	1.75	1.94	375*	6
	LAM2A600-12-6	#4 AWG – 600 kcmil	1/2	1/2	3.13	2.00	1.56	.44	1.75	2.38	500	6
	LAM2A800-58-6	350 kcmil – 800 kcmil	5/8	7/16	3.50	2.81	1.69	.50	2.00	2.81	500	6
▼	**LAM2A1000-58-6**	500 kcmil – 1000 kcmil	5/8	3/8	3.50	2.81	1.69	.50	2.00	2.87	500	6

The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See pages D2.122, D2.223.
*Listed torque values are for maximum conductor sizes, consult the installation instruction sheet for smaller sizes.
**Uses slotted head set screw.
^Not CSA Certified.
▼Not UL Listed or CSA Certified.

Order number of pieces required, in multiples of Standard Package Quantity.

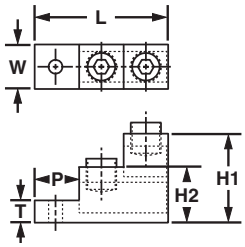
Prime items appear in **BOLD**.

One-Hole, Vertical Two Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM2SA

- Dual barrel provides termination of two conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V and UL temperature rated 90°C



Part Number	Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)						Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
				L	W	H1	H2	T	P		
LAM2SA300-56-3	#6 AWG – 300 kcmil	5/16	5/16	3.00	1.00	2.00	1.25	.50	1.00	375*	3

The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See pages D2.122, D2.223.
*Listed torque values are for maximum conductor sizes, consult the installation instruction sheet for smaller sizes.

Two-Hole, Two Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM2B

- Dual barrel provides termination of two conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- LAM2LB connector provided with dual set screws for premium clamping of conductor to connector for heavy duty applications
- UL Listed for use up to 600V and temperature rated 90°C

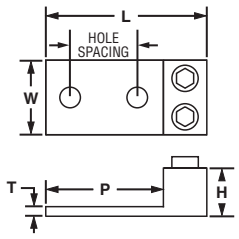


Figure 1

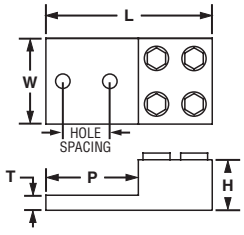


Figure 2

	Part Number	Figure No.	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
							L	W	H	T	P		
◆	**LAM2B350-12-3**	1	# 6 AWG – 350 kcmil	1/2	1.75	3/8	4.19	1.94	1.25	.25	3.06	375**	3
◆	**LAM2B600-12-3**	1	# 4 AWG – 600 kcmil	1/2	1.75	1/2	4.69	2.44	1.56	.44	3.31	500	3
◆	**LAM2LB800-12-3***	2	350 kcmil – 800 kcmil	1/2	1.75	3/8	6.19	3.19	1.88	.56	3.44	500	3

The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See pages D2.122, D2.223.
*Not UL Listed.
**Listed torque values are for maximum conductor sizes, consult the installation instruction sheet for smaller sizes.
◆NEMA hole sizes and spacing.

Two-Hole, Vertical Two Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM2SB

- Dual barrel provides termination of two conductors
- Vertical configuration saves space
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V and UL temperature rated 90°C

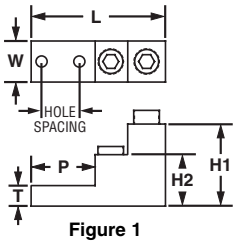


Figure 1

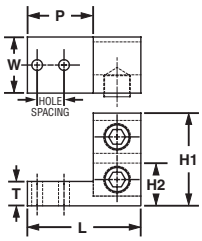


Figure 2

Part Number	Figure No.	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)						Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
						L	W	H1	H2	T	P		
LAM2SB600-38-1*	1	#2 AWG – 600 kcmil	3/8	1.38	1/2	4.91	1.50	3.00	1.88	.75	2.34	500	1
LAM2SB750-38-1*	1	3/0 AWG – 750 kcmil	3/8	1.38	1/2	4.91	1.50	3.00	1.88	.75	2.34	500	1
LAM2SSB500-14-1	2	4/0 AWG – 500 kcmil	1/4	.69	3/8	2.91	1.44	2.38	1.77	.63	1.69	375	1

The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See pages D2.122, D2.223.
*Not CSA Certified.

Two-Hole, Three Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM3B

- Triple barrel provides termination of three conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- LAM3LB connector is provided with dual set screws to allow premium clamping of conductor to connector for heavy duty applications
- For use up to 600V and temperature rated 90°C
- Available with NEMA hole sizes and spacing

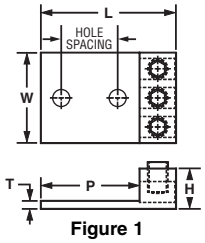


Figure 1

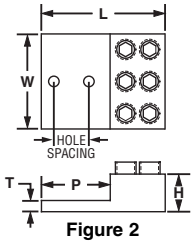


Figure 2

	Part Number	Figure No.	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
							L	W	H	T	P		
	LAM3B2-14-6	1	#14 AWG – #2 AWG	5/16	.87	**	2.49	1.63	.47	.19	2.03	50*	6
	LAM3B1/0-38-6	1	#12 AWG – 1/0 AWG	3/8	1.00	**	2.94	1.94	.63	.19	2.31	50*	6
◆	**LAM3B3/0-12-3**	1	#6 AWG – 3/0 AWG	1/2	1.75	5/16	4.19	2.81	.81	.25	3.38	200	3
◆	**LAM3B250-12-1**	1	#6 AWG – 250 kcmil	1/2	1.75	5/16	4.19	2.81	1.25	.25	3.06	375*	1
◆	**LAM3B350-12-1**	1	# 6 AWG – 350 kcmil	1/2	1.75	5/16	4.19	3.00	1.25	.25	3.06	375*	1
◆	**LAM3B600-12-1**	1	# 2 AWG – 600 kcmil	1/2	1.75	1/2	4.69	3.75	1.56	.44	3.31	375	1
◆	**LAM3LB800-12-1**	2	350 kcmil – 800 kcmil	1/2	1.75	3/8	6.19	4.25	1.88	.56	3.44	375	1
◆	**LAM3LB1000-12-1**	2	500 kcmil – 1000 kcmil	1/2	1.75	3/8	6.19	4.75	1.88	.56	3.44	375	1

The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See pages D2.122, D2.223.
*Listed torque values are for maximum conductor sizes, consult the installation instruction sheet for smaller sizes.
**Uses slotted head set screw.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

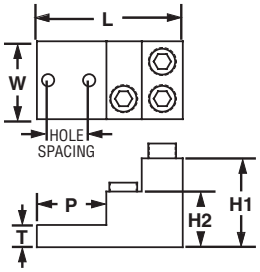
Prime items appear in **BOLD**.

Two-Hole, Vertical Three Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM3SB

- Triple barrel provides termination of three conductors
- Vertical configuration saves space
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- For use up to 600V and temperature rated 90°C



Part Number	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)						Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
					L	W	H1	H2	T	P		
LAM3SB600-38-1	#2 AWG – 600 kcmil	3/8	1.38	1/2	4.91	2.47	3.00	1.88	.75	2.34	500	1
LAM3SB750-38-1	3/0 AWG – 750 kcmil	3/8	1.38	1/2	4.91	2.63	3.00	1.88	.75	2.34	500	1

The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See pages D2.122, D2.223.

Four-Hole, Three Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM3D

- Three barrels provide termination of three conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- LAM3LD connector is provided with dual set screws to allow premium clamping of conductor to connector for heavy duty applications
- For use up to 600V and temperature rated 90°C

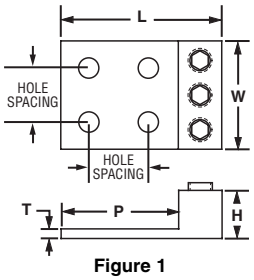


Figure 1

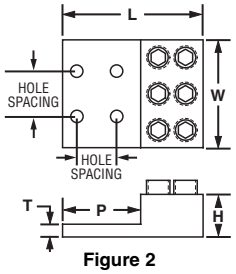


Figure 2

	Part Number	Figure No.	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
							L	W	H	T	P		
◆	LAM3D3/0-12-3	1	#6 AWG – 3/0 AWG	1/2	1.75	1/4	4.19	2.81	.81	.25	3.38	200	3
◆	LAM3D250-12-1	1	#6 AWG – 250 kcmil	1/2	1.75	1/4	4.19	2.81	1.25	.25	3.07	375*	1
◆	LAM3D350-12-1	1	#6 AWG – 350 kcmil	1/2	1.75	5/16	4.19	3.00	1.25	.25	3.06	375*	1
◆	LAM3D600-12-1	1	#2 AWG – 600 kcmil	1/2	1.75	3/8	4.69	3.75	1.56	.44	3.31	500	1
◆	LAM3LD800-12-1	2	350 kcmil – 800 kcmil	1/2	1.75	3/8	6.19	4.25	1.88	.56	3.44	375	1
◆	LAM3LD1000-12-1	2	500 kcmil – 1000 kcmil	1/2	1.75	9/16	6.19	4.75	1.88	.56	3.44	600	1

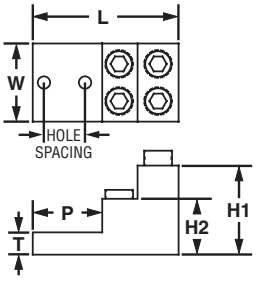
The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See pages D2.122, D2.223.
*Listed torque values are for maximum conductor sizes, consult the installation instruction sheet for smaller sizes.
◆NEMA hole sizes and spacing.

Two-Hole, Vertical Four Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM4SB

- Four barrels provide termination of four conductors
- Vertical configuration saves space
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V and UL temperature rated 90°C



Part Number	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)						Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
					L	W	H1	H2	T	P		
LAM4SB600-38-1	#2 AWG – 600 kcmil	3/8	1.38	1/2	4.91	2.47	3.00	1.88	.75	2.34	500	1
LAM4SB750-38-1	1/0 AWG – 750 kcmil	3/8	1.38	1/2	4.91	2.63	3.00	1.88	.75	2.34	500	1

The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See pages D2.122, D2.223.

Four-Hole, Four Barrel Lug

For Use with Stranded Aluminum or Copper Code Conductors

Type LAM4D

- Four barrels provide termination of four conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- LAM4LD connector is provided with dual set screws to allow premium clamping of conductor to connector for heavy duty applications
- For use up to 600V and temperature rated 90°C

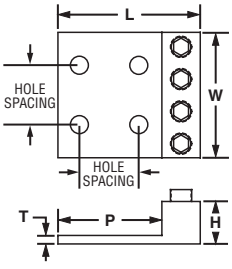


Figure 1

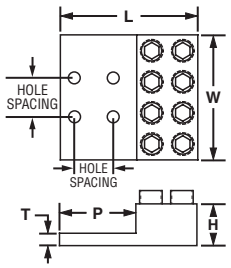


Figure 2

	Part Number	Figure No.	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
							L	W	H	T	P		
◆	**LAM4D250-12-1**	1	# 6 AWG – 250 kcmil	1/2	1.75	3/8	4.19	3.69	1.00	.25	3.06	375*	1
◆	**LAM4D350-12-1**	1	# 6 AWG – 350 kcmil	1/2	1.75	5/16	4.19	3.94	1.25	.25	3.06	275	1
◆	**LAM4D600-12-1**	1	# 2 AWG – 600 kcmil	1/2	1.75	3/8	4.69	5.00	1.56	.44	3.31	500	1
◆	**LAM4LD800-12-1**	2	350 kcmil – 800 kcmil	1/2	1.75	3/8	6.19	5.63	1.88	.56	3.44	375	1

The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See pages D2.122, D2.223.
*Listed torque values are for maximum conductor sizes, consult the installation instruction sheet for smaller sizes.
◆NEMA hole sizes and spacing.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Transformer Lug Kit

For Use with Stranded Aluminum or Copper Code Conductors

Type KLM

- Kits include all of the connectors and hardware to make a complete transformer connection in a single convenient package
- Lugs are made from high strength, extruded aluminum alloy and are tin plated to inhibit corrosion and oxidation
- Plated steel cap screws, belleville and flat washers and hex nuts are provided to assure that terminal to bus connections are made using proper hardware resulting in true torque to pressure performance
- Hardware is packaged in a sealed plastic bag to prevent lost hardware prior to installation
- KLM6-800 and KLM350-800 kits include lugs that accommodate 750 kcmil conductors used with large transformers
- Lugs are UL Listed and CSA Certified for use up to 600V and UL temperature rated 90°C

Part Number	Transformer KVA Rating	Aluminum Mechanical Lug		Copper & Aluminum Conductor Size Range	Hardware (Sizes in Inches)					
		Part No.	Qty.		Hex Bolt Size	Qty.	Nut Size	Qty.	Washer Size	Qty.
KLM14-250	15 – 37.5 KVA 1PH 15 – 45 KVA 3PH	LAMA2-14 LAMA250-56	8 4	#14 AWG – #2 AWG #6 AWG – 250 kcmil	1/4 – 20 x 3/4 HH	8	1/4 – 20 HN	8	1/4 FLAT 1/4 CMP	16 8
KLM6-250	50 – 75 KVA 1 PH 75 – 112.5 KVA 3 PH	LAMA250-56	12	#6 AWG – 250 kcmil	1/4 – 20 x 3/4 HH 1/4 – 20 x 2 HH	8 8	1/4 – 20 HN	16	1/4 FLAT 1/4 CMP	32 16
KLM6-600	100 – 167 KVA 1PH 150 – 300 KVA 3 PH	LAMA250-56 LAMA600-38	3 3	#6 AWG – 250 kcmil #4 AWG – 600 kcmil	1/4 – 20 x 3/4 HH 3/8 – 16 x 2 HH	3 16	1/4 – 20 HN 3/8 – 16 HN	3 16	3/8 FLAT 1/4 FLAT 3/8 CMP 1/4 CMP	32 6 16 3
KLM6-800	100 – 167 KVA 1 PH 150 – 300 KVA 3 PH	LAM2A350-12 LAM2A800-58	6 7	#6 AWG – 350 kcmil 350 kcmil – 800 kcmil	1/2 – 13 x 2 HH 1/2 – 13 x 2 1/2 HH	5 6	1/2 – 13 HN	11	1/2 FLAT 1/2 CMP	22 11
KLM350-800	500 KVA 3 PH	LAM2A800-58	15	350 kcmil – 800 kcmil	1/2 – 13 x 2 HH 1/2 – 13 x 2 1/2 HH	7 4	1/2 – 13 HN	11	1/2 FLAT 1/2 CMP	22 11

Suffix: HH = Hex Head; HN = Hex Nut; FLAT = Flat Washer; CMP = Compression Washer

The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See pages D2.122, D2.223.

Splicer/Reducer

For Use with Stranded Aluminum or Copper Code Conductors

Type SR

- Made from high strength extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin plated to inhibit corrosion
- Rounded bottoms to facilitate taping
- Solid center barrier prevents contact of dissimilar metal conductors
- Wire range-taking capability minimizes inventory requirements
- UL Listed and CSA Certified for use up to 600V and UL temperature rated 90°C

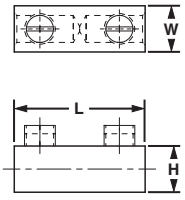


Figure 1

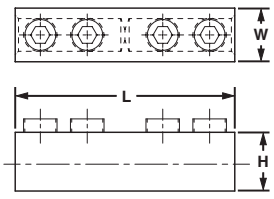


Figure 2

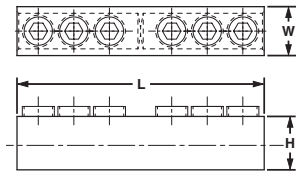


Figure 3

Part Number	Figure No.	Conductor Size Range		Figure Dimensions (In.)			Hex Key Size (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
		Max.	Min.	L	W	H			
SR-2-X	1	#2 AWG STR, #10 AWG SOL	#14 AWG STR, #14 AWG SOL	1.38	.50	.56	**	50*	10
SR-0-X	1	1/0 AWG STR, #10 AWG SOL	#14 AWG STR, #14 AWG SOL	1.91	.75	.75	**	50*	10
SR-4/0-X	1	4/0 AWG	#6 AWG	2.31	1.00	1.13	5/16	50	10
SR-250-X	2	250 kcmil	#6 AWG	3.94	1.00	1.13	5/16	275	10
SR-350-X	2	350 kcmil	#6 AWG	4.19	1.13	1.19	5/16	275	10
SR-500-3	2	500 kcmil	3/0 AWG	5.00	1.37	1.40	3/8	375	3
SR-750-1	2	750 kcmil	250 kcmil	6.25	1.63	1.75	1/2	500	1
SR-1000-1	3	1000 kcmil	500 kcmil	8.69	1.72	1.88	9/16	600	1

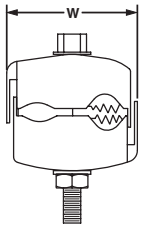
The use of *PANDUIT* oxide inhibiting joint compound (CMP-100) is recommended. See pages D2.122, D2.223.
*Listed torque values are for maximum conductor sizes, consult the installation instruction sheet for smaller sizes.
**Uses slotted screws.

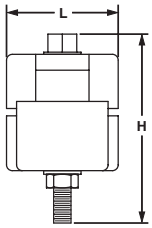
Insulation Piercing Connector

For Use with Stranded Aluminum or Copper Code Conductors

Type IPC

- Does not require cable insulation to be stripped, saves time
- Flexible design – can be used as a tap, splice or dead end connector
- For use with outdoor and indoor installation
- Glass filled nylon body provides long term durability
- Hardened copper teeth provide proper penetration of cable insulation for a reliable electrical connection
- UL Listed and CSA Certified for use up to 600V and temperature rated 90°C





Part Number	Conductor Size Range		Current Rating (Amps)		Hex Size (In.)		Figure Dimensions (In.)			Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
	Run	Tap	Copper Conductor Size	Aluminum Conductor Size	Bolt	Hex	L	W	H		
IPC500-250-2	350 kcmil – 500 kcmil	#4 AWG – 250 kcmil	260	205	5/8	11/16	2.42	2.90	3.75	60	2

Order number of pieces required, in multiples of Standard Package Quantity.

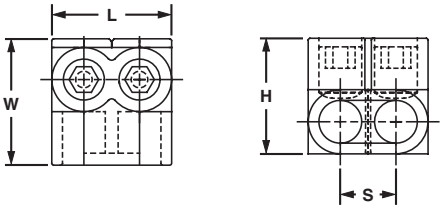
Prime items appear in **BOLD**.

Multi-Tap Connector with Clear Insulation, Single-Sided

For Use with Aluminum or Copper Code Conductors

Type PCSB-S

- Flexible design – can be used as a tap, splice or dead end connector
- Body made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Insulated with clear PVC to eliminate the need for taping and allow for visual inspection of the complete conductor insertion
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wire range-taking capability minimizes inventory requirements
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V and temperature rated 90°C



Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)				Hex Key Size (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
			L	W	H	S			
PCSB4-2S-12	#4 – #14 AWG STR	2	1.08	1.12	1.25	.44	1/8	50*	12
PCSB4-3S-12		3	1.52	1.12	1.25	.44	1/8	50*	12
PCSB4-4S-6		4	1.96	1.12	1.25	.44	1/8	50*	6
PCSB4-5S-6		5	2.39	1.12	1.25	.44	1/8	50*	6
PCSB4-6S-6		6	2.83	1.12	1.25	.44	1/8	50*	6
PCSB4-10S-4		10	4.58	1.12	1.25	.44	1/8	50*	4
PCSB4-12S-3		12	5.46	1.12	1.25	.44	1/8	50*	3
PCSB4-14S-2		14	6.34	1.12	1.25	.44	1/8	50*	2
PCSB2/0-2S-6	2/0 – #14 AWG STR	2	1.52	1.32	1.19	.67	3/16	120	6
PCSB2/0-3S-6		3	2.19	1.32	1.19	.67	3/16	120	6
PCSB2/0-4S-6		4	2.86	1.32	1.19	.67	3/16	120	6
PCSB2/0-5S-4		5	3.53	1.32	1.19	.67	3/16	120	4
PCSB2/0-6S-4		6	4.20	1.32	1.19	.67	3/16	120	4
PCSB2/0-8S-3		8	5.55	1.32	1.19	.67	3/16	120	3
PCSB2/0-10S-2		10	6.89	1.32	1.19	.67	3/16	120	2
PCSB2/0-12S-1		12	8.24	1.32	1.19	.67	3/16	120	1
PCSB2/0-14S-1		14	9.58	1.32	1.19	.67	3/16	120	1
PCSB250-2S-6	250 kcmil – #10 AWG STR	2	2.03	2.07	2.13	.94	5/16	275	6
PCSB250-3S-6		3	2.97	2.07	2.13	.94	5/16	275	6
PCSB250-4S-6		4	3.91	2.07	2.13	.94	5/16	275	6
PCSB250-5S-4		5	4.84	2.07	2.13	.94	5/16	275	4
PCSB250-6S-4		6	5.78	2.07	2.13	.94	5/16	275	4
PCSB250-8S-3		8	7.66	2.07	2.13	.94	5/16	275	3
PCSB250-10S-2		10	9.53	2.07	2.13	.94	5/16	275	2
PCSB250-12S-2		12	11.41	2.07	2.13	.94	5/16	275	2
PCSB250-14S-1		14	13.29	2.07	2.13	.94	5/16	275	1
PCSB350-2S-4	350 kcmil – #10 AWG STR	2	2.17	2.32	2.50	1.00	5/16	275	4
PCSB350-3S-4		3	3.17	2.32	2.50	1.00	5/16	275	4
PCSB350-4S-3		4	4.17	2.32	2.50	1.00	5/16	275	3
PCSB350-5S-3		5	5.17	2.32	2.50	1.00	5/16	275	3
PCSB350-6S-2		6	6.17	2.32	2.50	1.00	5/16	275	2
PCSB350-8S-2		8	8.17	2.32	2.50	1.00	5/16	275	2
PCSB350-10S-2		10	10.17	2.32	2.50	1.00	5/16	275	2
PCSB350-12S-1		12	12.17	2.32	2.50	1.00	5/16	275	1
PCSB350-14S-1		14	14.17	2.32	2.50	1.00	5/16	275	1
PCSB600-2S-4	600 kcmil – #4 AWG STR	2	2.72	2.38	2.75	1.28	3/8	375	4
PCSB600-3S-3		3	4.00	2.38	2.75	1.28	3/8	375	3
PCSB600-4S-2		4	5.28	2.38	2.75	1.28	3/8	375	2
PCSB600-5S-2		5	6.56	2.38	2.75	1.28	3/8	375	2
PCSB600-6S-2		6	7.84	2.38	2.75	1.28	3/8	375	2
PCSB600-8S-2		8	10.41	2.38	2.75	1.28	3/8	375	2
PCSB600-10S-1		10	12.97	2.38	2.75	1.28	3/8	375	1
PCSB600-12S-1		12	15.53	2.38	2.75	1.28	3/8	375	1
PCSB600-14S-1		14	18.09	2.38	2.75	1.28	3/8	375	1

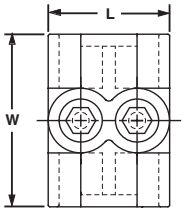
*Listed torque values are for maximum conductor sizes, consult the packaging label for smaller sizes.

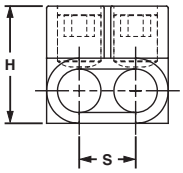
Multi-Tap Connector with Clear Insulation, Double-Sided

For Use with Aluminum or Copper Code Conductors

Type PCSB

- Flexible design – can be used as a tap, splice or dead end connector
- Body made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Insulated with clear PVC to eliminate the need for taping and allow for visual inspection of the complete conductor insertion
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wire range-taking capability minimizes inventory requirements
- Dual sided entry allows offset and opposite entry for primary and secondary conductors
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V and temperature rated 90°C





Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)				Hex Key Size (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
			L	W	H	S			
PCSB4-2-12‡	#4 – #14 AWG STR #10 – #14 AWG SOL	2	1.16	1.50	1.25	.49	**	45*	12
PCSB4-3-12‡		3	1.64	1.50	1.25	.49	**	45*	12
PCSB4-4-6‡		4	2.13	1.50	1.25	.49	**	45*	6
PCSB4-5-6‡		5	2.62	1.50	1.25	.49	**	45*	6
PCSB4-6-6‡		6	3.10	1.50	1.25	.49	**	45*	6
PCSB4-7-4‡		7	3.59	1.50	1.25	.49	**	45*	4
PCSB4-8-4‡		8	4.08	1.50	1.25	.49	**	45*	4
PCSB4-10-4	#4 – #14 AWG STR	10	4.58	1.50	1.25	.44	1/8	50*	4
PCSB4-12-3		12	5.46	1.50	1.25	.44	1/8	50*	3
PCSB4-14-2		14	6.34	1.50	1.25	.44	1/8	50*	2
PCSB2/0-2-12‡	2/0 – #14 AWG STR #10 – #14 AWG SOL	2	1.63	1.60	1.38	.72	3/16	50*	12
PCSB2/0-3-6‡		3	2.36	1.60	1.38	.72	3/16	50*	6
PCSB2/0-4-6‡		4	3.08	1.60	1.38	.72	3/16	50*	6
PCSB2/0-5-6‡		5	3.81	1.60	1.38	.72	3/16	50*	6
PCSB2/0-6-6‡		6	4.53	1.60	1.38	.72	3/16	50*	6
PCSB2/0-7-4‡		7	5.25	1.60	1.38	.72	3/16	50*	4
PCSB2/0-8-4‡		8	5.98	1.60	1.38	.72	3/16	50*	4
PCSB2/0-10-2	2/0 – #14 AWG STR	10	6.89	1.56	1.19	.67	3/16	120	2
PCSB2/0-12-2		12	8.24	1.56	1.19	.67	3/16	120	2
PCSB2/0-14-1		14	9.58	1.56	1.19	.67	3/16	120	1
PCSB250-2-6‡	250 kcmil – #6 AWG STR	2	2.13	2.60	2.13	.97	5/16	275	6
PCSB250-3-6‡		3	3.10	2.60	2.13	.97	5/16	275	6
PCSB250-4-6‡		4	4.06	2.60	2.13	.97	5/16	275	6
PCSB250-5-4‡		5	5.03	2.60	2.13	.97	5/16	275	4
PCSB250-6-4‡		6	6.00	2.60	2.13	.97	5/16	275	4
PCSB250-7-3‡		7	6.98	2.60	2.13	.97	5/16	275	3
PCSB250-8-3‡		8	7.95	2.60	2.13	.97	5/16	275	3
PCSB250-10-2	250 kcmil – #10 AWG STR	10	9.53	2.64	2.13	.94	5/16	275	2
PCSB250-12-2		12	11.41	2.64	2.13	.94	5/16	275	2
PCSB250-14-1		14	13.29	2.64	2.13	.94	5/16	275	1

*Listed torque values are for maximum conductor sizes, consult the packaging label for smaller sizes.
**Uses slotted head set screw.
‡Not CSA Certified.
‡‡Not UL Listed or CSA Certified.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Multi-Tap Connector with Clear Insulation, Double-Sided (continued)

Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)				Hex Key Size (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
			L	W	H	S			
PCSB350-2-4‡	350 kcmil – #10 AWG STR #10 AWG SOL	2	2.22	3.00	2.50	1.02	3/8	375	4
PCSB350-3-4‡		3	3.24	3.00	2.50	1.02	3/8	375	4
PCSB350-4-3‡		4	4.25	3.00	2.50	1.02	3/8	375	3
PCSB350-5-3‡		5	5.28	3.00	2.50	1.02	3/8	375	3
PCSB350-6-2‡		6	6.30	3.00	2.50	1.02	3/8	375	2
PCSB350-7-2‡		7	7.31	3.00	2.50	1.02	3/8	375	2
PCSB350-8-2‡		8	8.33	3.00	2.50	1.02	3/8	375	2
PCSB350-10-2	350 kcmil – #10 AWG STR	10	10.17	3.00	2.50	1.00	5/16	275	2
PCSB350-12-1		12	12.17	3.00	2.50	1.00	5/16	275	1
PCSB350-14-1		14	14.17	3.00	2.50	1.00	5/16	275	1
PCSB500-2-4‡	500 kcmil – #6 AWG STR	2	2.71	3.00	2.75	1.27	3/8	375	4
PCSB500-3-3‡		3	4.00	3.00	2.75	1.27	3/8	375	3
PCSB500-4-2‡		4	5.26	3.00	2.75	1.27	3/8	375	2
PCSB500-5-2‡		5	6.53	3.00	2.75	1.27	3/8	375	2
PCSB500-6-2‡		6	7.81	3.00	2.75	1.27	3/8	375	2
PCSB500-7-2‡		7	9.08	3.00	2.75	1.27	3/8	375	2
PCSB500-8-2‡		8	10.35	3.00	2.75	1.27	3/8	375	2
PCSB600-2-4	600 kcmil – #4 AWG STR	2	2.72	3.00	2.75	1.28	3/8	375	4
PCSB600-3-3		3	4.00	3.00	2.75	1.28	3/8	375	3
PCSB600-4-2		4	5.28	3.00	2.75	1.28	3/8	375	2
PCSB600-5-2		5	6.56	3.00	2.75	1.28	3/8	375	2
PCSB600-6-2		6	7.84	3.00	2.75	1.28	3/8	375	2
PCSB600-8-2		8	10.41	3.00	2.75	1.28	3/8	375	2
PCSB600-10-1		10	12.97	3.00	2.75	1.28	3/8	375	1
PCSB600-12-1		12	15.53	3.00	2.75	1.28	3/8	375	1
PCSB600-14-1		14	18.09	3.00	2.75	1.28	3/8	375	1
PCSB750-2-2‡‡	750 kcmil – 1/0 AWG STR	2	3.00	3.38	2.25	1.41	3/8	375	2
PCSB750-3-2‡‡		3	4.44	3.38	2.25	1.41	3/8	375	2
PCSB750-4-2‡‡		4	5.81	3.38	2.25	1.41	3/8	375	2
PCSB750-5-1‡‡		5	7.25	3.38	2.25	1.41	3/8	375	1
PCSB750-6-1‡‡		6	8.63	3.38	2.25	1.41	3/8	375	1
PCSB750-7-1‡‡		7	10.00	3.38	2.25	1.41	3/8	375	1
PCSB750-8-1‡‡		8	11.44	3.38	2.25	1.41	3/8	375	1
PCSB750-9-1‡‡		9	12.81	3.38	2.25	1.41	3/8	375	1
PCSB750-10-1‡‡		10	14.25	3.38	2.25	1.41	3/8	375	1

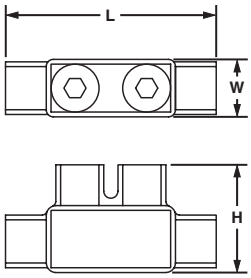
*Listed torque values are for maximum conductor sizes, consult the packaging label for smaller sizes.
**Uses slotted head set screw.
‡Not CSA Certified.
‡‡Not UL Listed or CSA Certified.

In-Line Splicer/Reducer with Clear Insulation

For Use with Aluminum or Copper Code Conductors

Type PISR

- Flexible design – can be used as a splice or reducer
- Dual rated for use with copper or aluminum conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Insulated with clear PVC to eliminate the need for taping and allow for visual inspection of the complete conductor insertion
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wire range-taking capability minimizes inventory requirements
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V and UL temperature rated 90°C



Part Number	Conductor Size Range	Figure Dimensions (In.)			Std. Pkg. Qty.
		L	W	H	
PISR2-1	#2 AWG STR – #14 AWG SOL	2.38	.75	1.25	1
PISR1/0-1	1/0 AWG STR – #14 AWG SOL	2.91	.95	1.41	1
PISR250-1	250 kcmil – #10 AWG SOL	4.00	1.25	2.24	1
PISR350-1	350 kcmil – #10 AWG SOL	4.63	1.40	2.28	1
PISR500-1	500 kcmil – #6 AWG SOL	5.25	1.72	2.56	1

Order number of pieces required, in multiples of Standard Package Quantity.

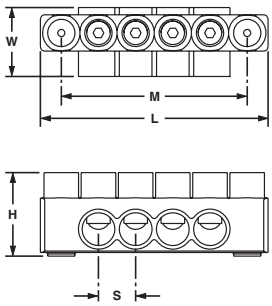
Prime items appear in **BOLD**.

Multi-Tap Connector with Clear Insulation, Single-Sided, with Mounting Holes

For Use with Aluminum or Copper Code Conductors

Type PCSBMT-S

- Flexible design – can be used as a tap, splice or dead end connector
- Body made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Two isolated mounting holes at either end of connector facilitate direct mounting using 1/4" bolts
- Insulated with clear PVC to eliminate the need for taping and allow for visual inspection of the complete conductor insertion
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wire range-taking capability minimizes inventory requirements
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V and temperature rated 90°C



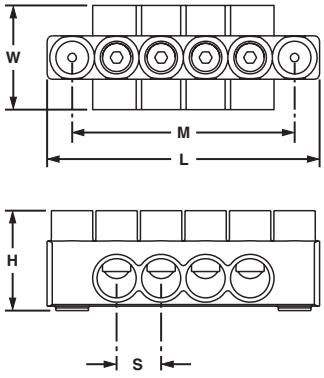
Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)					Mounting Hole Size (In.)	Hex Key Size (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
			L	W	H	S	M				
PCSBMT2/0-4S-3	2/0 – #14 AWG STR	4	4.20	1.38	1.50	.67	3.00	1/4	3/16	120	3
PCSBMT2/0-6S-2		6	5.55	1.38	1.50	.67	4.70	1/4	3/16	120	2
PCSBMT2/0-8S-2		8	6.89	1.38	1.50	.67	6.05	1/4	3/16	120	2
PCSBMT2/0-10S-2		10	8.24	1.38	1.50	.67	7.39	1/4	3/16	120	2
PCSBMT2/0-12S-1		12	9.58	1.38	1.50	.67	8.74	1/4	3/16	120	1
PCSBMT250-4S-2	250 kcmil – #10 AWG STR	4	5.78	2.07	2.26	.94	4.69	1/4	5/16	275	2
PCSBMT250-6S-2		6	7.66	2.07	2.26	.94	6.57	1/4	5/16	275	2
PCSBMT250-8S-2		8	9.53	2.07	2.26	.94	8.44	1/4	5/16	275	2
PCSBMT250-10S-2		10	11.41	2.07	2.26	.94	10.32	1/4	5/16	275	2
PCSBMT250-12S-1		12	13.29	2.07	2.26	.94	12.19	1/4	5/16	275	1
PCSBMT350-4S-2	350 kcmil – #10 AWG STR	4	6.17	2.32	2.63	1.00	5.00	1/4	5/16	275	2
PCSBMT350-6S-2		6	8.17	2.32	2.63	1.00	7.00	1/4	5/16	275	2
PCSBMT350-8S-2		8	10.17	2.32	2.63	1.00	9.00	1/4	5/16	275	2
PCSBMT350-10S-1		10	12.17	2.32	2.63	1.00	11.00	1/4	5/16	275	1
PCSBMT350-12S-1		12	14.17	2.32	2.63	1.00	13.00	1/4	5/16	275	1
PCSBMT600-4S-2	600 kcmil – #4 AWG STR	4	7.84	2.38	2.88	1.28	6.41	1/4	3/8	375	2
PCSBMT600-6S-2		6	10.41	2.38	2.88	1.28	8.97	1/4	3/8	375	2
PCSBMT600-8S-2		8	12.97	2.38	2.88	1.28	11.53	1/4	3/8	375	2
PCSBMT600-10S-1		10	15.53	2.38	2.88	1.28	14.09	1/4	3/8	375	1
PCSBMT600-12S-1		12	18.09	2.38	2.88	1.28	16.65	1/4	3/8	375	1

Multi-Tap Connector with Clear Insulation, Double-Sided, with Mounting Holes

For Use with Aluminum or Copper Code Conductors

Type PCSBMT

- Flexible design – can be used as a tap, splice or dead end connector
- Body made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Two isolated mounting holes at either end of connector facilitate direct mounting using 1/4" bolts
- Insulated with clear PVC to eliminate the need for taping and allow for visual inspection of the complete conductor insertion
- Each port pre-filled with oxide inhibiting joint compound seals out air and moisture to deter surface oxidation
- Wire range-taking capability minimizes inventory requirements
- Dual sided entry allows offset and opposite entry for primary and secondary conductors
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600V and temperature rated 90°C



Part Number	Conductor Size Range	No. of Ports	Figure Dimensions (In.)					Mounting Hole Size (In.)	Hex Key Size (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
			L	W	H	S	M				
PCSBMT2/0-4-3	2/0 – #14 AWG STR	4	4.20	1.56	1.50	.67	3.00	1/4	3/16	120	3
PCSBMT2/0-6-2		6	5.55	1.56	1.50	.67	4.70	1/4	3/16	120	2
PCSBMT2/0-8-2		8	6.89	1.56	1.50	.67	6.05	1/4	3/16	120	2
PCSBMT2/0-10-2		10	8.24	1.56	1.50	.67	7.39	1/4	3/16	120	2
PCSBMT2/0-12-1		12	9.58	1.56	1.50	.67	8.74	1/4	3/16	120	1
PCSBMT250-4-2	250 kcmil – #10 AWG STR	4	5.78	2.64	2.26	.94	4.69	1/4	5/16	275	2
PCSBMT250-6-2		6	7.66	2.64	2.26	.94	6.57	1/4	5/16	275	2
PCSBMT250-8-2		8	9.53	2.64	2.26	.94	8.44	1/4	5/16	275	2
PCSBMT250-10-2		10	11.41	2.64	2.26	.94	10.32	1/4	5/16	275	2
PCSBMT250-12-1		12	13.29	2.64	2.26	.94	12.19	1/4	5/16	275	1
PCSBMT350-4-2	350 kcmil – #10 AWG STR	4	6.17	3.00	2.63	1.00	5.00	1/4	5/16	275	2
PCSBMT350-6-2		6	8.17	3.00	2.63	1.00	7.00	1/4	5/16	275	2
PCSBMT350-8-2		8	10.17	3.00	2.63	1.00	9.00	1/4	5/16	275	2
PCSBMT350-10-1		10	12.17	3.00	2.63	1.00	11.00	1/4	5/16	275	1
PCSBMT350-12-1		12	14.17	3.00	2.63	1.00	13.00	1/4	5/16	275	1
PCSBMT600-4-2	600 kcmil – #4 AWG STR	4	7.84	3.00	2.88	1.28	6.41	1/4	3/8	375	2
PCSBMT600-6-2		6	10.41	3.00	2.88	1.28	8.97	1/4	3/8	375	2
PCSBMT600-8-2		8	12.97	3.00	2.88	1.28	11.53	1/4	3/8	375	2
PCSBMT600-10-1		10	15.53	3.00	2.88	1.28	14.09	1/4	3/8	375	1
PCSBMT600-12-1		12	18.09	3.00	2.88	1.28	16.65	1/4	3/8	375	1

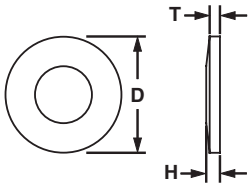
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Belleville Compression Washers

Type CW

- Conical spring washer for use when assembling aluminum connectors to copper and/or steel pads, compensates for differing rates of thermal expansion to keep hardware assembly from loosening
- For assembly information, see page D2.239
- Made from hardened steel to provide high strength
- Cadmium plated to inhibit corrosion



Part Number	Stud Hole Size (In.)	Figure Dimensions (In.)			Std. Pkg. Qty.
		D	H	T	
CW-14-L	1/4	.68	.09	.05	50
CW-56-L	5/16	.81	.08	.06	50
CW-38-L	3/8	.93	.10	.07	50
CW-12-Q	1/2	1.18	.12	.09	25
CW-58-Q	5/8	1.49	.15	.12	25

Joint Compounds

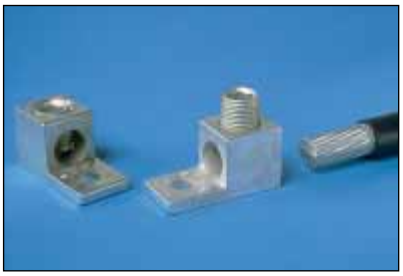
Type CMP

- Oxide inhibitor for compression conductor connections made with aluminum compression connectors lowers electrical contact resistance of compression joint while sealing out air and moisture to prevent the formation of surface oxides
- Wide operating temperature range; can be used in a wide range of electrical and environmental conditions
- Non-toxic
- Non-flammable
- Packaged in convenient 8 oz. dispenser bottles

Part Number	Part Description	Std. Pkg. Qty.
CMP-100-1	Contact aid for pad-to-pad or thread-to-thread aluminum connections. Operating temperature range -60°F (-51°C) to 400°F (204°C). Maintains low electrical resistance and seals out air and moisture to prevent the formation of surface oxides.	1
CMP-200-1	Contact aid for cable connections with compression connections made on aluminum conductor. Operating temperature range -40°F (-40°C) to 400°F (204°C). Lowers contact resistance of compression joint and seals out moisture and air to prevent the formation of surface oxides. Compatible with all insulating materials.	1

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Guidelines for Installing Aluminum Mechanical Connectors



1. Select the correct connector for your application.

- Always use an aluminum conductor with an aluminum connector
- Verify that the connector is marked for the conductor size and type that you are using

2. Remove the insulation from insulated cable.

- See page D2.130 for *PANDUIT* cable stripping tools
- Use care to avoid nicking the conductor strands
- Strip the insulation to the proper length as listed in the installation instructions provided with *PANDUIT* connectors

3. Clean the exposed conductor using a wire brush or an emery cloth.

- In a similar manner, clean an unplated connector pad and the surface to which the connector will be attached
- Solvent should be used to clean plated parts that are dirty, but the plating should never be disturbed with abrasives

4. Apply *PANDUIT* joint compound to the clean conductor for mechanical connector applications (see pages D2.122, D2.223).

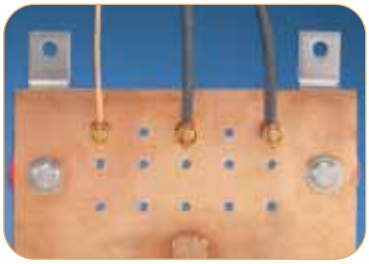
- Joint compound will deter the formation of surface oxides after installation
- Aluminum compression connectors and insulated mechanical connectors are pre-filled with joint compound

5. Insert the conductor into the connector and:

- For mechanical connectors, tighten the screws to the recommended torque values
- For compression connectors, use the recommended die and crimping tool to make the proper compression connection

PAN-LUG™ GROUNDING CONNECTORS

PANDUIT® *PAN-LUG*™ Grounding Connectors provide innovative solutions for joining ground conductor to water pipe, ground rods, conduit, iron pipe and structural steel. *PAN-LUG*™ mechanical grounding connectors are designed with the needs of the end user in mind focusing on easy installation, lowest installed cost and long-term reliability.



- **Functional product information is marked directly on the connector, facilitating the identification, ordering and usage of the grounding connector**
- **Designed for easy installation – no special tooling required**
- **Incorporate wire range-taking capability to minimize inventory requirements**
- **Made from high strength, high conductivity electrolytic copper and aluminum alloy materials to provide optimum connectivity for power and grounding applications**
- **Include plated or silicon bronze hardware to inhibit corrosion**
- **Copper and bronze grounding connectors are UL Listed for direct burial in earth and concrete, as noted**
- **UL Listed per UL 467 for grounding and bonding, as noted**

PANDUIT® *PAN-LUG*™ Grounding Connectors are available in a variety of configurations, including water pipe clamps, bronze grounding clamps and bronze service post connectors. *PANDUIT* offers a wide assortment of *PAN-LUG*™ Power and Grounding Connectors to meet customer needs and today's application requirements.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
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Features and Benefits – *PAN-LUG*™ Grounding Connectors

Bronze Grounding Clamp

- Made from high strength, electrolytic cast bronze
- Provides two options: attachment of grounding conductor to clamp either parallel or perpendicular to axis of pipe or ground rod
- Provided with high strength, corrosion resistant silicon bronze hardware
- Part number, conductor range, rod and pipe size range and "DB" suitable for direct burial marked on part for easy identification

UL LISTED

Bronze Service Post Connector

- Part number, conductor range and "DB" suitable for direct burial marked on part for easy identification
- Made from a single piece of hard drawn copper electrolytic rod – provides high strength
- Provided with high strength, corrosion resistant silicon bronze nut and pressure pad

c UL us LISTED

Available in configurations for use with one or two copper conductors with either a standard or long stud length

Bronze Water Pipe Clamp

- Part number, conductor range, water pipe size range and "DB" suitable for direct burial marked on part for easy identification
- Provided with high strength steel hardware plated to inhibit corrosion
- Made from high strength, electrolytic cast bronze

Each part accommodates a wide range of copper conductor sizes and water pipe sizes – minimizes inventory

UL LISTED SP CERTIFIED

Bronze Grounding Clamp

- Provided with high strength, corrosion resistant silicon bronze hardware
- Part number, conductor range and "DB" suitable for direct burial marked on part for easy identification
- Made from high strength, electrolytic cast bronze
- Spacer separates conductor from mounting surface

UL LISTED

Ground Rod Clamp

- Made from high strength, electrolytic cast bronze
- Provided with high strength, corrosion resistant silicon bronze hardware
- Designed to maintain proper alignment between ground rod and conductor during installation
- Part number, conductor range, ground rod size and "DB" suitable for direct burial marked on part for easy identification

UL LISTED SP CERTIFIED

PANDUIT designs and manufactures a full line of labeling products, software and printers to assist you with your labeling requirements. See pages E1.1 – E2.30.

Selection Guide – *PAN-LUG*™ Grounding Connectors

UL Listed Direct Burial	Service Post Type	Stud Size (In.)	Thread Length (In.)	Copper Code Conductor Size																	
				#12 AWG	#10 AWG	#8 AWG	#7 AWG	#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	300 kcmil	350 kcmil	400 kcmil	500 kcmil
				PANDUIT Part Number																	
c UL us LISTED D2.229	Bronze Service Post One Conductor SP1	1/4-20	1/2	SP1-8-C*																	
			1	SP1-8L-C*																	
			1/2			SP1-7-C*															
			1			SP1-7L-C*															
		5/16-18	9/16		SP1-4-C*																
			1		SP1-4L-C*																
		3/8-16	5/8					SP1-3-C*													
			1 1/8					SP1-3L-C*													
			5/8						SP1-2-C												
			1 1/8						SP1-2L-C												
		1/2-13	3/4					SP1-1/0-L*													
			1 1/4					SP1-1/0L-L*													
			3/4									SP1-2/0-Q*									
			1 1/4									SP1-2/0L-Q*									
		5/8-11	1												SP1-4/0-Q*						
			1 1/2												SP1-4/0L-Q*						
			1													SP1-350-12					
			1 1/2													SP1-350L-12					
		3/4-10	1 3/8														SP1-500-12				
			1 3/4														SP1-500L-12				
c UL us LISTED D2.230	Bronze Service Post Two Conductors SP2	1/4-20	1/2	SP2-8-C*																	
			1	SP2-8L-C*																	
			1/2		SP2-7-C*																
			1		SP2-7L-C*																
		5/16-18	9/16		SP2-4-C*																
			1		SP2-4L-C*																
		3/8-16	5/8		SP2-3-C*																
			1 1/8		SP2-3L-C*																
			5/8		SP2-2-C*																
			1 1/8		SP2-2L-C*																
		1/2-13	3/4								SP2-1/0-L*										
			1 1/4								SP2-1/0L-L*										
			3/4								SP2-2/0-Q*										
			1 1/4								SP2-2/0L-Q*										
		5/8-11	1									SP2-4/0-Q*									
			1 1/2									SP2-4/0L-Q*									
			1													SP2-350-12					
			1 1/2													SP2-350L-12					
		3/4-10	1 3/8														SP2-500-12				
			1 3/4														SP2-500L-12				
c UL us LISTED D2.231	Bronze Service Post One Conductor SPF1	1/4-20	1/4	SPF1-8-C*																	
					SPF1-7-C*																
		5/16-18	5/16			SPF1-4-C*															
		3/8-16	3/8					SPF1-3-C													
								SPF1-2-C													
		1/2-13	7/16								SPF1-1/0-L*										
			1/2									SPF1-2/0-Q*									
		5/8-11	5/8										SPF1-4/0-Q								
																SPF1-350-12					
		3/4-10	3/4															SPF1-500-12			
c UL us LISTED D2.232	Bronze Service Post Two Conductors SPF2	1/4-20	1/4	SPF2-8-C*																	
					SPF2-7-C*																
		5/16-18	5/16		SPF2-4-C*																
		3/8-16	3/8		SPF2-3-C*																
					SPF2-2-C*																
		1/2-13	7/16								SPF2-1/0-L*										
			1/2								SPF2-2/0-Q*										
		5/8-11	5/8									SPF2-4/0-Q*									
																SPF2-350-12					
		3/4-10	3/4														SPF2-500-12				

*Denotes minimum conductor size is solid conductor.

Selection guide continues on page D2.228

Selection Guide – *PAN-LUG*™ Grounding Connectors (continued)

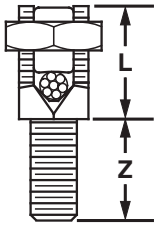
UL Listed Direct Burial	Ground Clamp Type	Ground Rod Size (In.)	Pipe Size (In.)	Copper Code Conductor Size																
				#14 AWG	#12 AWG	#10 AWG	#8 AWG	#7 AWG	#6 AWG	#4 AWG	#3 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	300 kcmil	350 kcmil	400 kcmil	500 kcmil
				PANDUIT Part Number																
D2.233	Bronze Ground Clamp One Conductor GPL	5/8 or 3/4	3/8				GPL-4-Q*															
										GPL-5-Q*												
															GPL-6-Q*							
		7/8 or 1	1/2 or 3/4				GPL-8-Q*															
										GPL-9-Q*												
															GPL-10-Q*							
		—	1				GPL-14-X*															
										GPL-15-X*												
															GPL-16-X*							
		—	1 1/4				GPL-20-X*															
										GPL-21-X*												
															GPL-22-X*							
		—	1 1/2				GPL-26-X*															
										GPL-27-X*												
															GPL-28-X*							
		—	2				GPL-32-3*															
										GPL-33-3*												
															GPL-34-3*							
		—	2 1/2							GPL-39-3*												
															GPL-40-3*							
		—	3				GPL-44-1*															
										GPL-45-1*												
															GPL-46-1*							
		—	3 1/2							GPL-51-1*												
															GPL-52-1*							
		—	4							GPL-57-1*												
															GPL-58-1*							
D2.234	Bronze Ground Clamp Two Conductors GU	—	1							GU-2-X* ‡												
			1 1/4				GU-4-X* ‡															
			2																GU-13-3 ‡			
D2.234	Bronze Ground Clamp KP	—	1/2 – #1			KP1-C* @																
			1 1/4 – #2			KP2-L* @																
D2.235	Bronze Ground Clamp KLS	—	1/2 – 1			KLS-0-Q* ‡ 1/2" hub size																
						KLS-1-Q* ‡ 3/4" hub size																
						KLS-1A-X* ‡ 1" hub size																
D2.235	Bronze Ground Clamp KH	—	1/2 – 1			KH-1-L* ‡ 1/2" hub size																
			1 1/4 – 2			KH-2-L* ‡ 1/2" hub size																
D2.236	Aluminum Ground Clamp GC	—	1/2 – 3/4 – 1	GC-15A-Q @ *DR*																		
			1 1/4–1 1/2–2						GC-18A-X @ *DR*													
			2 1/2 – 3 – 3 1/2 – 4						GC-22A-4 @ *DR*													
D2.236	Bronze Ground Rod Clamp WB	1/2	—			WB12-L*																
		5/8					WB34-X															
		3/4					WB34-X															
		5/8					WB58-Q															
D2.237	Bronze Ground Clamp GMS	—	—				GMS-1-X*															
										GMS-2-Q*												
															GMS-3-Q*							
D2.237	Bronze Ground Clamp GM	—	—							GM-2-Q*												
															GM-3-Q*							

*Denotes minimum conductor size is solid conductor. @Denotes not UL Listed for Direct Burial.
DR Denotes Dual Rated for use with copper or aluminum conductors. ‡Denotes not UL Listed or CSA Certified.

Service Post Connector, Male Stud, Single Conductor, Bronze

Type SP1

- For grounding one copper code conductor to steel structures, busbars or transformers or for tapping from busbar with hex nut and washer
- Made from high copper content, hard drawn copper rod provides high strength
- Offered with standard and long stud lengths to accommodate a variety of mounting applications
- Wire range-taking capability minimizes inventory requirements
- True hex design for body and nut hex provides correct fit with socket, box or open end wrenches resulting in proper torquing of electrical connection
- Pressure bar provides secure connection on a full range of conductor combinations used with each connector providing premium wire pull-out strength
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



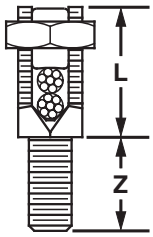
Part Number	Conductor Size Range	Stud Size*	Figure Dimensions (In.) L	Figure Dimensions (In.) Z	Nut Hex (In.)	Body Hex (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
SP1-8-C	#12 SOL – #8 STR	1/4 – 20	.63	.50	.50	.38	80	100
SP1-8L-C			.63	1.00				
SP1-7-C	#8 SOL – #7 STR	1/4 – 20	.88	.50	.69	.50	165	100
SP1-7L-C			.88	1.00				
SP1-4-C	#10 SOL – #4 STR	5/16 – 18	.94	.56	.75	.56	240	100
SP1-4L-C			.94	1.00				
SP1-3-C	#6 SOL – #3 STR	3/8 – 16	1.06	.63	.81	.63	275	100
SP1-3L-C			1.06	1.13				
SP1-2-C	#4 STR – #2 STR	3/8 – 16	1.06	.63	.88	.69	385	100
SP1-2L-C			1.06	1.13				
SP1-1/0-L	#6 SOL – 1/0 STR	1/2 – 13	1.31	.75	1.00	.75	385	50
SP1-1/0L-L			1.31	1.25				
SP1-2/0-Q	#1 SOL – 2/0 STR	1/2 – 13	1.44	.75	1.13	.88	500	25
SP1-2/0L-Q			1.44	1.25				
SP1-4/0-Q	3/0 SOL – 4/0 STR	5/8 – 11	1.69	1.00	1.38	1.13	650	25
SP1-4/0L-Q			1.69	1.50				
SP1-350-12	4/0 STR – 350 kcmil	5/8 – 11	2.00	1.00	1.50	1.25	650	12
SP1-350L-12			2.00	1.50				
SP1-500-12	250 kcmil – 500 kcmil	3/4 – 10	2.31	1.38	1.81	1.50	825	12
SP1-500L-12			2.31	1.75				

*UNC threads.

Service Post Connector, Male Stud, Two Conductor, Bronze

Type SP2

- For grounding two copper code conductors to steel structures, busbars or transformers or for tapping from busbar with hex nut and washer
- Made from high copper content, hard drawn copper rod provides high strength
- Offered with standard and long stud lengths to accommodate a variety of mounting applications
- Wire range-taking capability minimizes inventory requirements
- True hex design for body and nut hex provides correct fit with socket, box or open end wrenches resulting in proper torquing of electrical connection
- Pressure bar provides secure connection on a full range of conductor combinations used with each connector providing premium wire pull-out strength
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Conductor Size Range	Stud Size*	Figure Dimensions (In.) L	Figure Dimensions (In.) Z	Nut Hex (In.)	Body Hex (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
SP2-8-C	#12 SOL – #8 STR	1/4 – 20	.75	.50	.50	.38	80	100
SP2-8L-C			.75	1.00				
SP2-7-C	#10 SOL – #7 STR	1/4 – 20	1.00	.50	.69	.50	165	100
SP2-7L-C			1.00	1.00				
SP2-4-C	#10 SOL – #4 STR	5/16 – 18	1.16	.56	.75	.56	240	100
SP2-4L-C			1.16	1.00				
SP2-3-C	#10 SOL – #3 STR	3/8 – 16	1.09	.63	.81	.63	275	100
SP2-3L-C			1.09	1.13				
SP2-2-C	#10 SOL – #2 STR	3/8 – 16	1.38	.63	.88	.69	385	100
SP2-2L-C			1.28	1.13				
SP2-1/0-L	#2 SOL – 1/0 STR	1/2 – 13	1.69	.75	1.00	.75	385	50
SP2-1/0L-L			1.69	1.25				
SP2-2/0-Q	#2 SOL – 2/0 STR	1/2 – 13	1.88	.75	1.13	.88	500	25
SP2-2/0L-Q			1.88	1.25				
SP2-4/0-Q	#1 SOL – 4/0 STR	5/8 – 11	2.25	1.00	1.38	1.13	650	25
SP2-4/0L-Q			2.25	1.50				
SP2-350-12	#1 STR – 350 kcmil	5/8 – 11	2.69	1.00	1.50	1.25	650	12
SP2-350L-12			2.69	1.50				
SP2-500-12	3/0 STR – 500 kcmil	3/4 – 10	3.19	1.38	1.81	1.50	825	12
SP2-500L-12			3.19	1.75				

*UNC threads.

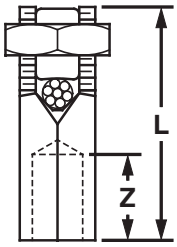
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Service Post Connector, Female Thread, Single Conductor, Bronze

Type SPF1

- For grounding one copper code conductor to steel structures, busbars or transformers or for tapping from busbar using external studs, screws or bolts
- Made from high copper content, hard drawn copper rod provides high strength
- Wire range-taking capability minimizes inventory requirements
- True hex design for body and nut hex provides correct fit with socket, box or open end wrenches resulting in proper torquing of electrical connection
- Pressure bar provides secure connection on a full range of conductor combinations used with each connector providing premium wire pull-out strength
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



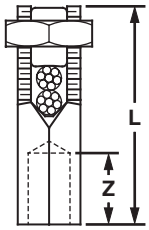
Part Number	Conductor Size Range	Thread Size*	Figure Dimensions (In.)		Nut Hex (In.)	Body Hex (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
			L	Z				
SPF1-8-C	#12 SOL – #8 STR	1/4 – 20	.91	.25	.50	.38	80	100
SPF1-7-C	#10 SOL – #7 STR	1/4 – 20	1.13	.25	.69	.50	165	100
SPF1-4-C	#8 SOL – #4 STR	5/16 – 18	1.44	.31	.75	.56	240	100
SPF1-3-C	#6 STR – #3 STR	3/8 – 16	1.50	.38	.81	.63	275	100
SPF1-2-C	#6 STR – #2 STR	3/8 – 16	1.63	.38	.88	.69	385	100
SPF1-1/0-L	#2 SOL – 1/0 STR	1/2 – 13	1.88	.44	1.00	.75	385	50
SPF1-2/0-Q	#1 SOL – 2/0 STR	1/2 – 13	2.06	.50	1.13	.88	500	25
SPF1-4/0-Q	1/0 STR – 4/0 STR	5/8 – 11	2.38	.63	1.38	1.13	650	25
SPF1-350-12	4/0 STR – 350 kcmil	5/8 – 11	2.63	.63	1.50	1.25	650	12
SPF1-500-12	300 kcmil – 500 kcmil	3/4 – 10	3.13	.75	1.81	1.50	825	12

*UNC threads.

Service Post Connector, Female Thread, Two Conductor, Bronze

Type SPF2

- For grounding two copper code conductors to steel structures, busbars or transformers or for tapping from busbar using external threaded studs, screws or bolts
- Made from high copper content, hard drawn copper rod provides high strength
- Wire range-taking capability minimizes inventory requirements
- True hex design for body and nut hex provides correct fit with socket, box or open end wrenches resulting in proper torquing of electrical connection
- Pressure bar provides secure connection on a full range of conductor combinations used with each connector providing premium wire pull-out strength
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Conductor Size Range	Thread Size*	Figure Dimensions (In.)		Nut Hex (In.)	Body Hex (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
			L	Z				
SPF2-8-C	#12 SOL – #8 STR	1/4 – 20	1.13	.25	.50	.38	80	100
SPF2-7-C	#10 SOL – #7 STR	1/4 – 20	1.44	.25	.69	.50	165	100
SPF2-4-C	#10 SOL – #4 STR	5/16 – 18	1.56	.31	.75	.56	240	100
SPF2-3-C	#10 SOL – #3 STR	3/8 – 16	1.63	.38	.81	.63	275	100
SPF2-2-C	#10 SOL – #2 STR	3/8 – 16	1.94	.38	.88	.69	385	100
SPF2-1/0-L	#2 SOL – 1/0 STR	1/2 – 13	2.13	.44	1.00	.75	385	50
SPF2-2/0-Q	#2 SOL – 2/0 STR	1/2 – 13	2.31	.50	1.13	.88	500	25
SPF2-4/0-Q	#1 SOL – 4/0 STR	5/8 – 11	2.50	.63	1.38	1.13	650	25
SPF2-350-12	#1 STR – 350 kcmil	5/8 – 11	2.69	.63	1.50	1.25	650	12
SPF2-500-12	3/0 STR – 500 kcmil	3/4 – 10	3.31	.75	1.81	1.50	825	12

*UNC threads.

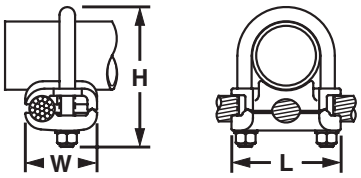
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Grounding Clamp, U-Bolt, Bronze

Type GPL

- Used to ground copper conductor parallel or at a right angle to a rod, tube or pipe
- Made from high strength, electrolytic cast bronze
- High strength silicon bronze hardware provides long term reliable assembly
- Accommodates a wide range of pipe, tube, rod and conductor sizes – minimizes inventory
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete

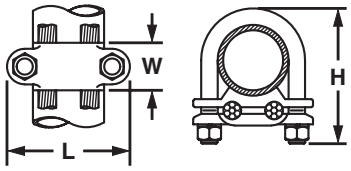


Part Number	Ground Rod Size (In.)	Iron Pipe Size (In.)	Conductor Size Range	Figure Dimensions (In.)			Bolt Dia. (In.)	Hex Size (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
				L	W	H				
GPL-4-Q	5/8 or 3/4	3/8	#8 SOL – #4 STR	2.00	1.38	2.75	3/8	9/16	110	25
GPL-5-Q	5/8 or 3/4	3/8	#4 SOL – 2/0 STR	2.00	1.63	2.75	3/8	9/16	180	25
GPL-6-Q	5/8 or 3/4	3/8	2/0 SOL – 250 kcmil	2.00	1.88	2.75	3/8	9/16	240	25
GPL-8-Q	7/8 or 1	1/2 or 3/4	#8 SOL – #4 STR	2.38	1.38	2.63	3/8	9/16	110	25
GPL-9-Q	7/8 or 1	1/2 or 3/4	#4 SOL – 2/0 STR	2.38	1.63	2.63	3/8	9/16	180	25
GPL-10-Q	7/8 or 1	1/2 or 3/4	2/0 SOL – 250 kcmil	2.38	1.88	3.00	3/8	9/16	240	25
GPL-14-X	—	1	#8 SOL – #4 STR	2.63	1.38	2.75	3/8	9/16	110	10
GPL-15-X	—	1	#4 SOL – 2/0 STR	2.63	1.63	2.75	3/8	9/16	180	10
GPL-16-X	—	1	2/0 SOL – 250 kcmil	2.63	1.88	3.25	3/8	9/16	180	10
GPL-20-X	—	1 1/4	#8 SOL – #4 STR	3.00	1.38	3.50	3/8	9/16	110	10
GPL-21-X	—	1 1/4	#4 SOL – 2/0 STR	3.00	1.63	3.50	3/8	9/16	180	10
GPL-22-X	—	1 1/4	2/0 SOL – 250 kcmil	3.00	1.88	3.50	3/8	9/16	240	10
GPL-26-X	—	1 1/2	#8 SOL – #4 STR	3.25	1.38	4.00	3/8	9/16	110	10
GPL-27-X	—	1 1/2	#4 SOL – 2/0 STR	3.25	1.63	4.00	3/8	9/16	180	10
GPL-28-X	—	1 1/2	2/0 SOL – 250 kcmil	3.25	1.88	4.00	3/8	9/16	240	10
GPL-32-3	—	2	#8 SOL – #4 STR	3.75	1.38	4.25	3/8	9/16	110	3
GPL-33-3	—	2	#4 SOL – 2/0 STR	3.75	1.63	4.25	3/8	9/16	180	3
GPL-34-3	—	2	2/0 SOL – 250 kcmil	3.75	1.88	4.25	3/8	9/16	240	3
GPL-39-3	—	2 1/2	#4 SOL – 2/0 STR	4.25	1.63	5.00	3/8	9/16	180	3
GPL-40-3	—	2 1/2	2/0 SOL – 250 kcmil	4.25	1.88	5.00	3/8	9/16	240	3
GPL-44-1	—	3	#8 SOL – #4 STR	4.75	1.38	5.50	3/8	9/16	180	1
GPL-45-1	—	3	#4 SOL – 2/0 STR	4.75	1.63	5.50	3/8	9/16	180	1
GPL-46-1	—	3	2/0 SOL – 250 kcmil	4.75	1.88	5.50	3/8	9/16	240	1
GPL-51-1	—	3 1/2	#4 SOL – 2/0 STR	5.25	1.63	6.25	3/8	9/16	180	1
GPL-52-1	—	3 1/2	2/0 SOL – 250 kcmil	5.25	1.88	6.25	3/8	9/16	180	1
GPL-57-1	—	4	#4 SOL – 2/0 STR	5.75	1.63	6.38	3/8	9/16	180	1
GPL-58-1	—	4	2/0 SOL – 250 kcmil	5.75	1.88	6.38	3/8	9/16	240	1

Grounding Clamp, U-Bolt, for Two Cables, Bronze

Type GU

- Used to ground two copper code conductors parallel or at a right angle to a rod, tube or pipe
- Made from high strength, electrolytic cast bronze
- High strength silicon bronze hardware provides long term reliable assembly
- Accommodates a wide range of pipe, tube, rod and conductor sizes – minimizes inventory
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete

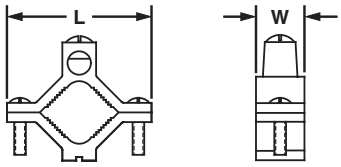


Part Number	Iron Pipe Size (In.)	Conductor Size Range	Figure Dimensions (In.)			Bolt Dia. (In.)	Hex Size (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
			L	W	H				
GU-2-X	1	#4 SOL – 2/0 STR	2.75	1.13	3.25	3/8	9/16	240	10
GU-4-X	1 1/4	#8 SOL – #4 STR	3.00	1.13	3.25	3/8	9/16	240	10
GU-13-3	2	300 kcmil – 500 kcmil	4.00	1.50	4.63	1/2	3/4	480	3

Grounding Clamp for Water Pipes, Bronze

Type KP

- Used to ground copper code conductor to water pipe or copper tube
- Cast from high strength, electrolytic bronze to provide reliable grounding connections
- Plated steel screws provide high strength and inhibit corrosion
- Accommodates a wide range of pipe, tube, rod and conductor sizes – minimizes inventory
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete



Part Number	Water Pipe Range (In.)	Conductor Size Range	Figure Dimensions (In.)		Tightening Torque (In.-Lbs.)		Std. Pkg. Qty.
			L	W	Conductor	Clamp	
KP1-C	1/2 – 1	#10 SOL – #2 STR	2.28	.66	50	50	100
KP2-L	1 1/4 – 2	#10 SOL – #2 STR	3.58	.73	50	50	50

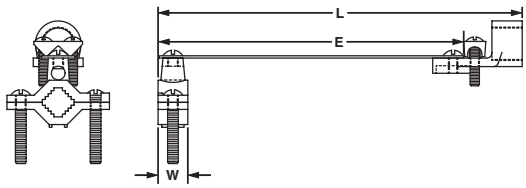
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Grounding Clamp for Water Pipe with Copper Strap, Bronze

Type KLS

- Used to ground copper code conductor to rigid conduit systems
- Cast from high strength, electrolytic bronze to provide reliable grounding connections
- Plated steel screws provide high strength and inhibit corrosion
- Pure copper contact strip included to isolate conduit system from water pipe vibrations
- High strength bronze conduit hub also included to provide durable connection of conduit to copper strap
- Accommodates a wide range of pipe, tube and conductor sizes – minimizes inventory

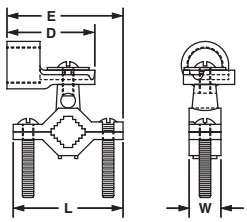


Part Number	Conduit Hub Size	Water Pipe Range (In.)	Conductor Size Range	Figure Dimensions (In.)			Tightening Torque (In.-Lbs.)		Std. Pkg. Qty.
				L	W	E	Conductor	Clamp	
KLS-0-Q	1/2	1/2 – 1	#10 SOL – 2/0 STR	8.22	.66	6 7/8	50	50	25
KLS-1-Q	3/4	1/2 – 1	#10 SOL – 2/0 STR	8.22	.66	6 7/8	50	50	25
KLS-1A-X	1	1/2 – 1	#10 SOL – 2/0 STR	8.38	.66	6 7/8	50	50	10

Grounding Clamp for Conduit, Bronze

Type KH

- Used to ground copper code conductor to rigid conduit systems
- Cast from high strength, electrolytic bronze to provide reliable grounding connections
- Plated steel screws provide high strength and inhibit corrosion
- Includes high strength bronze conduit hub to ensure a durable connection of conduit to copper strap
- Accommodates a wide range of pipe, tube and conductor sizes – minimizes inventory

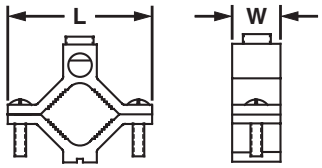


Part Number	Conduit Hub Size	Water Pipe Range (In.)	Conductor Size Range	Figure Dimensions (In.)				Tightening Torque (In.-Lbs.)		Std. Pkg. Qty.
				L	W	E	D	Conductor	Clamp	
KH-1-L	1/2	1/2 – 1	#10 SOL – #4 STR	2.31	.66	2.54	1.85	50	50	50
KH-2-L	1/2	1 1/4 – 2	#10 SOL – #4 STR	3.60	.79	3.02	1.85	50	50	50

Grounding Clamp for Water Pipes, Aluminum

Type GC

- Dual rated for grounding aluminum or copper code conductors to copper water pipe, galvanized pipe, or steel conduit
- Made from high strength, extruded aluminum alloy to provide long term durability
- Tin plated to inhibit corrosion and oxidation and for low contact resistance
- Plated steel screws provide high strength and inhibit corrosion
- Accommodates a wide range of pipe, tube and conductor sizes – minimizes inventory
- UL Listed for grounding and bonding

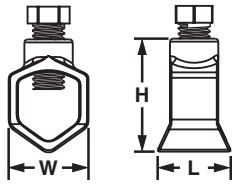


Part Number	Conduit Pipe or Water Tube Size	Conductor Size Range	Figure Dimensions (In.)		Tightening Torque (In.-Lbs.)		Std. Pkg. Qty.
			L	W	Conductor	Clamp	
GC-15A-Q	1/2 – 3/4 – 1	#14 AWG – 1/0 AWG	2.25	.69	50	50	25
GC-18A-X	1 1/4 – 1, 1/2 – 2	#6 AWG – 250 kcmil	3.75	.81	50	50	10
GC-22A-4	2 1/2 – 3 – 3 1/2 – 4	#6 AWG – 250 kcmil	6.31	1.00	50	50	4

Grounding Rod Clamp, Bronze

Type WB

- Used for grounding copper conductor parallel to ground rods
- Made from high strength, seamless electrolytic bronze to provide long term durability
- High strength silicon bronze hardware provides long term reliable assembly
- Accommodates a wide range of rod and conductor sizes – minimizes inventory
- UL Listed and CSA Certified for grounding and bonding and suitable for direct burial in earth and concrete



Part Number	Ground Rod Size	Conductor Size Range	Figure Dimensions (In.)			Hex Size (In.)	Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
			L	W	H			
WB12-L	1/2	#2 – #10 STR, #10 SOL	.88	.84	1.28	1/2	180	50
WB34-X	5/8 3/4	1/0 – #8 STR #2 – #8 STR	1.03	1.06	1.54	1/2	180	10
WB58-Q	5/8	1/0 – #8 STR	1.04	.92	1.40	1/2	180	25

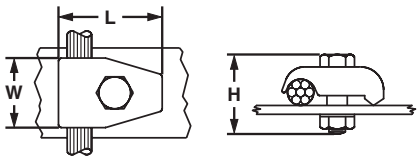
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Grounding Clamp for Flat Surfaces, Bronze

Type GMS

- Used to ground copper code conductor to flat surfaces
- Cast from high strength, electrolytic bronze to provide reliable grounding connections
- High strength silicon bronze hardware for long term reliable assembly
- Accommodates a wide range of conductor sizes – minimizes inventory
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete

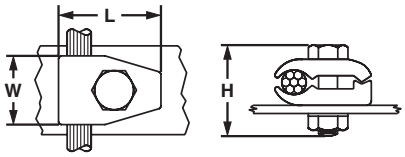


Part Number	Conductor Size Range	Figure Dimensions (In.)			Hex Size (In.)		Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
		L	W	H	Bolt	Nut		
GMS-1-X	#8 SOL – #4 STR	1.25	1.00	1.63	9/16	9/16	240	10
GMS-2-Q	#4 SOL – 2/0 STR	1.63	1.13	1.75	9/16	9/16	240	25
GMS-3-Q	2/0 SOL – 250 kcmil	2.13	1.50	2.00	3/4	3/4	480	25

Grounding Clamp with Spacer for Flat Surfaces, Bronze

Type GM

- Used to ground copper code conductor to flat surfaces
- Cast from high strength, electrolytic bronze to provide reliable grounding connections
- High strength silicon bronze hardware for long term reliable assembly
- Accommodates a wide range of conductor sizes – minimizes inventory
- Incorporates spacer plate to separate conductor from mounting surface
- UL Listed for grounding and bonding and suitable for direct burial in earth or concrete

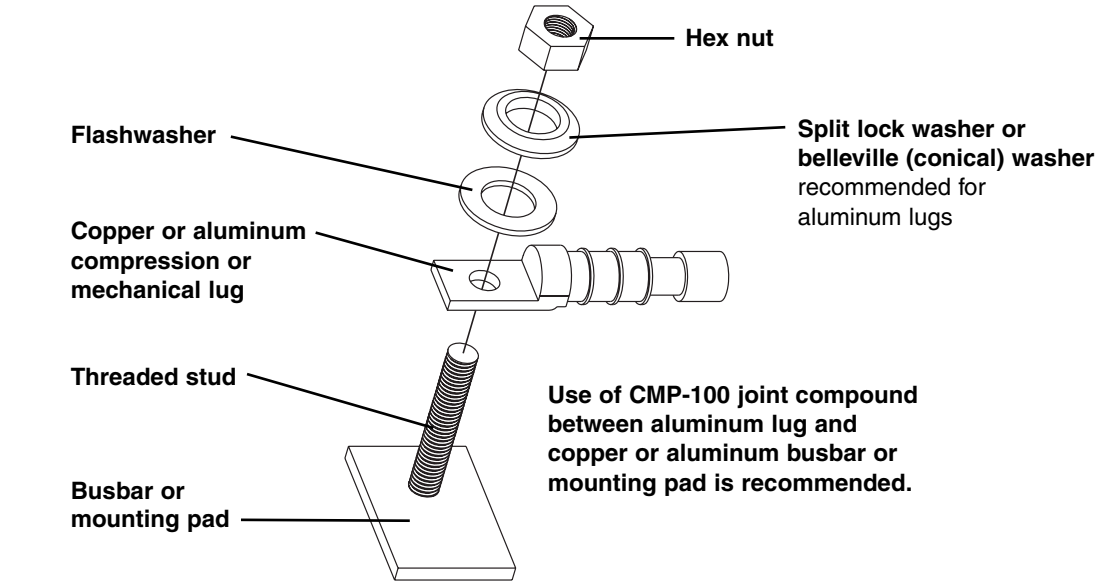


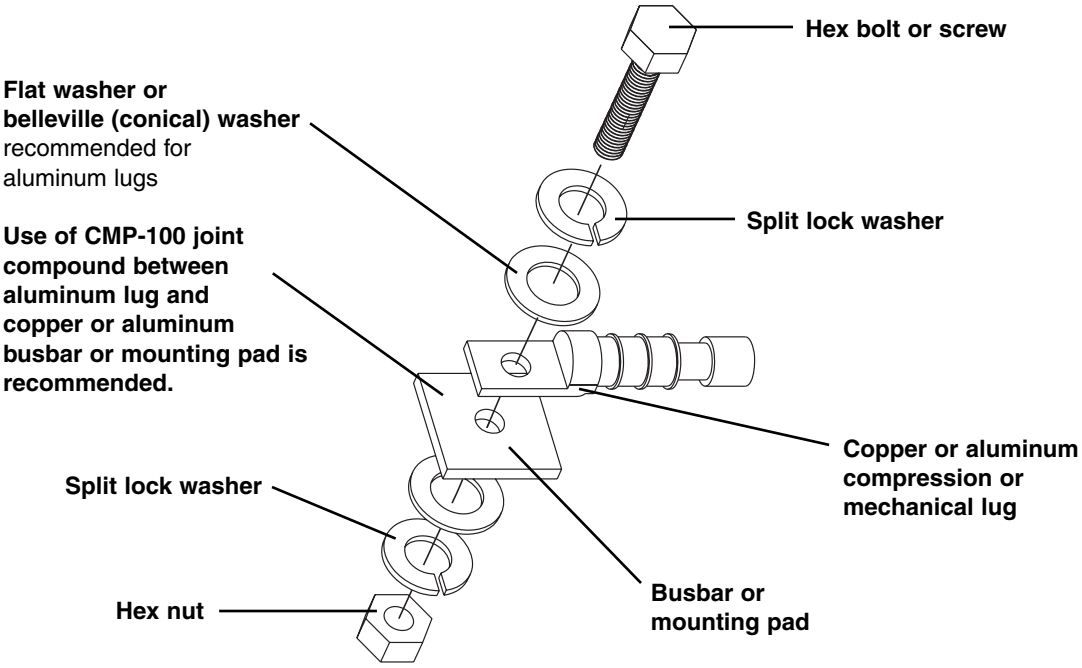
Part Number	Conductor Size Range	Figure Dimensions (In.)			Hex Size (In.)		Tightening Torque (In.-Lbs.)	Std. Pkg. Qty.
		L	W	H	Bolt	Nut		
GM-2-Q	#4 SOL – 2/0 STR	1.63	1.13	1.75	9/16	9/16	240	25
GM-3-Q	2/0 SOL – 250 kcmil	2.13	1.50	2.00	3/4	3/4	480	25

PANDUIT Power & Grounding Connector Approvals

Logo (Symbol)	Agency	Spec/Approval	Applicable Products
c UL us LISTED	Underwriters Laboratories, Inc.	UL 486A Wire Connectors & Soldering Lugs for use in US & Canada	CLRCVR, HTCT, CTAPF, CTAP, LCAX, LCBX, LCCX, LCDX, LCAN, LCDN, RSC, LCEX
UL LISTED	Underwriters Laboratories, Inc.	UL 486A Wire Connectors & Soldering Lugs for use in US	Copper & aluminum compression connectors (except: PS, SCT, HTAP, TAPC SAR); Copper & aluminum split bolts; Copper & aluminum mechanical lugs & splices (except: PNLC, LAM2A1000, LAM3B, LAM3D, LAM4D, PCSB750, LAM2LB800)
c UL us LISTED	Underwriters Laboratories, Inc.	UL 467 Grounding & Bonding Equipment for use in US & Canada	SP1, SP2, SPF1, SPF2, GPL, GMS, GM
UL LISTED	Underwriters Laboratories, Inc.	UL 467 Grounding & Bonding Equipment for use in US	CTAP, KP, WB, GC
	Underwriters Laboratories, Inc.	UL 486A Wire Connectors & Soldering Lugs for use in US	LCA-00, LCD-00, LCC-00
SP CERTIFIED	Canadian Standards Association	C22.2 No. 65-03 Wire Connectors	Copper & aluminum compression connectors (except: PS, SCT, HTAP, TAPC SAR, CTAP, BPC); Copper & aluminum split bolts (except: SBCL, VT, VTA); Copper & aluminum mechanical lugs & splices (except: ML, ML-T, HL, HLB, HLA-90, PNL-2, HL-2, HL-2N, HHL-2N, H2L-2N,P2NLT, PNLC, HC, LAM2A1000, LAM2B, LAM2SB600,LAM2SB750, LAM3B, LAM3D, LAM4D, PCSB750)
SP CERTIFIED	Canadian Standards Association	C22.2 No. 41-M1987 (R1999) Grounding & Bonding Equipment	WB, KP
ABS TYPE APPROVAL PROGRAM	American Bureau of Shipping	ABS Rules Steel Vessel Rules 1-1-4/7.7, 4-8-3/9.19, 4-8-4/21.27	Copper compression connectors LCA, LCAF, LCAS, LCAX, LCB, LCC, LCD, S-R, LCDX, SCS, SCSF
NEBS Level 3	Telcordia Technologies, Inc.	Network Equipment – Building Systems	Copper compression connectors LCAS, LCA, LCD, LCB, LCC, LCAF, LCCF, SCSS, SCS, SCL, SCSF

Recommended Termination Hardware





Recommended Hardware Material

Material Configuration of Lug/Mounting Surface

Copper to Copper	Aluminum to Copper	Aluminum to Aluminum	Copper to Steel	Aluminum to Steel
1. Silicon Bronze 2. Stainless Steel	1. Silicon Bronze 2. Aluminum 3. Stainless Steel	1. Aluminum 2. Stainless Steel 3. Plated Silicon Bronze	1. Silicon Bronze 2. Stainless Steel	1. Aluminum 2. Stainless Steel

Conductor Sizes

Copper Concentric Stranded Conductor Sizes

Conductor Size AWG or kcmil	Number of Strands	Nominal Diameter (In.)	Class
#20	7	.036 /3	B
#18	7	.045 /6	B
#16	7	.057 /6	B
#14	7	.072 /6	B
#12	7	.091 /5	B
#10	7	.116	B
#9	7	.130	B
#8	7	.146	B
#7	7	.164	B
#6	7	.184	B
#5	7	.206	B
#4	3	.254	AA
#4	7	.232	B&A
#3	3	.285	AA
#3	7	.260	B&A
#2	3	.320	AA
#2	7	.292	B&A
#1	3	.360	AA
#1	7	.328	AA
#1	19	.332	B
1/0	7	.368	A&A
1/0	12	.390	—
1/0	19	.373	B
2/0	7	.414	A&A
2/0	12	.438	—
2/0	19	.419	B
3/0	7	.464	A&A
3/0	12	.492	—
3/0	19	.470	B
4/0	7	.522	A&A
4/0	12	.522	—
4/0	19	.528	B
250	12	.600	AA
250	19	.574	A
250	37	.575	B
300	12	.657	AA
300	19	.628	A
300	37	.630	B
350	12	.710	AA
350	19	.679	A
350	37	.681	B
400	19	.726	A&AA
400	37	.728	B
450	19	.770	AA
450	37	.772	B&A
500	19	.811	AA
500	37	.813	B&A
600	37	.891	A&AA
600	61	.893	B
700	37	.963	BB
700	61	.964	B&A
750	37	.977	AA
750	61	.998	B&A
800	37	1.029	AA
800	61	1.031	B&A
900	37	1.092	AA
900	61	1.094	B&A
1000	37	1.151	AA
1000	61	1.152	B&A
1000	61	1.152	B&A

Flexible Copper Conductor Sizes

Conductor Size AWG or kcmil	Number of Strands	Nominal Diameter (In.)	Class
#8	41/.0201	.156	I
#8	49/.0184	.166	G
#8	133/.0111	.167	H
#8	168/.010	.157	K
#8	37	.330	Locomotive (DLO)
#8	420/.0063	.162	M
#7	49/.0206	.185	G
#7	52/.0201	.185	I
#7	133/.0125	.188	H
#7	210/.010	.179	K
#7	—	—	Locomotive (DLO)
#7	532/.0063	.196	M
#6	49/.0231	.208	G
#6	63/.0201	.207	I
#6	133/.0140	.210	H
#6	266/.010	.210	K
#6	61	.410	Locomotive (DLO)
#6	665/.0063	.215	M
#5	49/.0260	.234	G
#5	84/.0201	.235	I
#5	133/.0158	.237	H
#5	336/.010	.235	K
#5	—	—	Locomotive (DLO)
#5	836/.0063	.240	M
#4	49/.0292	.263	G
#4	105/.0201	.263	I
#4	133/.0177	.266	H
#4	420/.010	.272	K
#4	105	.460	Locomotive (DLO)
#4	1064/.0063	.269	M
#3	49/.0328	.295	G
#3	133/.0199	.299	H
#3	133/.0201	.291	I
#3	532/.010	.304	K
#3	125	.480	Locomotive (DLO)
#3	1323/.0063	.305	M
#2	49/.0368	.331	G
#2	133/.0223	.335	H
#2	161/.0201	.319	I
#2	665/.010	.338	K
#2	150	.510	Locomotive (DLO)
#2	1666/.0063	.337	M
#1	133/.0251	.337	G
#1	210/.0201	.367	I
#1	259/.018	.378	H
#1	836/.010	.397	K
#1	225	.650	Locomotive (DLO)
#1	2107/.0063	.376	M
1/0	133/.0282	.423	G
1/0	259/.0202	.424	H
1/0	266/.0201	.441	I
1/0	1064/.010	.451	K
1/0	275	.680	Locomotive (DLO)
1/0	2646/.0063	.423	M
2/0	133/.0316	.474	G
2/0	259/.0227	.477	H
2/0	342/.0201	.500	I
2/0	1323/.010	.470	K
2/0	325	.720	Locomotive (DLO)
2/0	3325/.0063	.508	M

Conductor Sizes (continued)

Flexible Copper Conductor Sizes

Conductor Size AWG or kcmil	No. of Strands/ Strand Dia.	Nominal Diameter (In.)	Class
3/0	133/.0355	.533	G
3/0	259/.0255	.536	H
3/0	418/.0201	.549	I
3/0	1666/.010	.533	K
3/0	450	.810	Locomotive (DLO)
3/0	4256/.0063	.576	M
4/0	133/.0399	.599	G
4/0	259/.0286	.601	H
4/0	532/.0201	.613	I
4/0	2107/.010	.627	K
4/0	550	.840	Locomotive (DLO)
4/0	5320/.0063	.645	M
250	259/.0311	.650	G
250	427/.0242	.653	H
250	637/.0201	.682	I
250	2499/.010	.682	K
262.6	650	.960	Locomotive (DLO)
250	6384/.0063	.713	M
300	259/.0340	.714	G
300	427/.0265	.716	H
300	735/.0201	.737	I
300	2989/.010	.768	K
313.1	775	1.040	Locomotive (DLO)
300	7581/.0063	.768	M
350	259/.0368	.773	G
350	427/.0268	.772	H
350	882/.0201	.800	I
350	3458/.010	.809	K
373.7	925	1.140	Locomotive (DLO)
350	8806/.0063	.825	M
400	259/.0393	.825	G
400	427/.0306	.826	H
400	980/.0201	.831	I
400	3990/.010	.878	K
400	—	—	Locomotive (DLO)
400	10101/.0063	.901	M
450	259/.0417	.876	G
450	427/.325	.878	H
450	1127/.0201	.894	I
450	4522/.010	.933	K
444.4	1100	1.230	Locomotive (DLO)
450	11396/.0063	.940	M
500	259/.0439	.922	G
500	427/.0342	.923	H
500	1125/.0201	.941	I
500	5054/.010	.988	K
535.3	1325	1.320	Locomotive (DLO)
500	12691/.0063	.997	M
600	427/.0375	1.013	G
600	703/.0292	1.022	H
600	1470/.0201	1.027	I
600	5985/.010	1.125	K
646.4	1600	1.450	Locomotive (DLO)
600	14945/.0063	1.084	M
700	427/.0405	1.094	G
700	703/.0316	1.106	H
700	1729/.0201	1.194	I
700	6916/.010	1.207	K
777.7	1925	1.540	Locomotive (DLO)
700	17507/.0063	1.183	M

Flexible Copper Conductor Sizes

Conductor Size AWG or kcmil	No. of Strands/ Strand Dia.	Nominal Diameter (In.)	Class
800	427/.0433	1.169	G
800	703/.0337	1.180	H
800	1995/.0201	1.290	I
800	7980/.010	1.305	K
800	—	—	Locomotive (DLO)
800	20069/.0063	1.256	M
900	427/.0459	1.239	G
900	703/.0358	1.253	H
900	2261/.0201	1.372	I
900	9065/.010	1.323	K
900	—	—	Locomotive (DLO)
900	22631/.0063	1.331	M
1000	427/.0484	1.307	G
1000	703/.0377	1.320	H
1000	2527/.0201	1.427	I
1000	10101/.010	1.419	K
1000	—	—	Locomotive (DLO)
1000	25193/.0063	1.404	M

Copper Compact Stranded Conductor Sizes

Conductor Size AWG or kcmil	Number of Strands	Conductor Diameter (In.)	Class
#8	7	.134	Compact
#6	7	.169	Compact
#4	7	.213	Compact
#2	7	.268	Compact
#1	19	.299	Compact
1/0	19	.336	Compact
1/0	19	.376	Compact
3/0	19	.423	Compact
4/0	19	.475	Compact
250	37	.520	Compact
300	37	.570	Compact
350	37	.616	Compact
400	37	.659	Compact
450	37	.700	Compact
500	37	.736	Compact
550	61	.775	Compact
600	61	.813	Compact
650	61	.845	Compact
700	61	.877	Compact
750	61	.908	Compact
800	61	.938	Compact
900	61	.999	Compact
1000	61	1.060	Compact

Conductor Sizes (continued)

Copper Solid Conductor Sizes

Solid Copper Conductor Size AWG or kcmil	Conductor Diameter (In.)
#18	.040
#17	.045
#16	.050
#15	.057
#14	.064
#13	.071
#12	.080
#11	.090
#10	.101
#9	.114
#8	.128
#7	.128
#6	.162
#5	.181
#4	.204
#3	.229
#2	.257
#1	.289
1/0	.324
2/0	.364
3/0	.409
4/0	.460

Aluminum Concentric Stranded Conductor Sizes

Class B Aluminum Concentric AWG or kcmil	Number of Strands	Diameter of each Strand (Mils)
#8	7	48.6
#7	7	54.5
#6	7	61.2
#5	7	68.8
#4	7	77.2
#3	7	86.7
#2	7	97.4
#1	19	66.4
1/0	19	74.5
2/0	19	83.7
3/0	19	94.0
4/0	19	105.5
250	37	82.2
300	37	90.0
350	37	97.3
400	37	104.0
450	37	110.3
500	37	116.2
550	61	95.0
600	61	99.2
650	61	103.2
700	61	107.1
750	61	110.9
800	61	114.5
900	61	121.5
1000	61	128.0

Aluminum Compact Stranded Conductor Sizes

Compact Aluminum AWG or kcmil	Class ASTM B400	Number of Strands	Conductor Diameter (In.)
#8	A, B	7	.134
#6	A, B	7	.169
#4	A, B	7	.213
#3	A, B	7	.238
#2	AA, A, B	7	.268
#1	AA, A	7	.299
#1	B	19	.299
1/0	AA, A	7	.336
1/0	B	19	.336
2/0	AA, A	7	.376
2/0	B	19	.376
3/0	AA, A	7	.423
3/0	B	19	.423
4/0	AA, A	7	.475
4/0	B	19	.475
250	AA	7	.520
250	A	19	.520
250	B	37	.520
266	AA	7	.337
266	A	19	.337
300	AA	7	.570
300	A	19	.570
300	B	37	.570
336	AA	7	.603
336	A	19	.603
350	A	19	.616
350	B	37	.616
397	AA, A	19	.659
400	B	37	.659
450	B	37	.700
477	AA	19	.722
500	AA	19	.736
500	B	37	.736
550	B	61	.775
556	AA	19	.780
600	B	61	.813
650	B	61	.845
700	B	61	.877
750	B	61	.908
800	B	61	.938
900	B	61	.999
1000	B	61	1.060

Common Conductor Sizes and Strandings Reference Chart

Conductor		Individual Strands			Overall Conductor Size			Conductor		Individual Strands			Overall Conductor Size		
			Diameter		Diameter		Area				Diameter		Diameter		Area
AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. MILS	AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. MILS
	0.05	25	.05	.002	.25	.010	97		1.0	19	.25	.010	1.30	.051	1841
	0.06	41	.05	.002	.36	.014	159			1	1.13	.044	1.13	.044	1979
26		10	.13	.005	.53	.021	250			32	.20	.008	1.30	.051	1984
		1	.41	.016	.41	.016	256			7	.43	.017	1.30	.051	2006
		7	.16	.006	.48	.019	278	16		19	.29	.011	1.47	.058	2426
		19	.10	.004	.51	.020	304			65	.16	.006	1.50	.059	2580
24		41	.08	.003	.58	.023	384			*26	.25	.010	1.50	.059	2600
		10	.16	.006	.58	.023	397			1	1.30	.051	1.30	.051	2601
		1	.51	.020	.51	.020	400			105	.13	.005	1.50	.059	2625
		7	.20	.008	.61	.024	448			*7	.51	.020	1.52	.060	2828
		19	.13	.005	.61	.024	475		1.5	30	.25	.010	1.70	.067	2906
	0.25	65	.07	.003	.65	.026	484			21	.30	.012	1.60	.063	2930
		128	.05	.002	.65	.026	496			189	.10	.004	1.90	.075	2930
		32	.10	.004	.65	.026	496			7	.52	.020	1.60	.063	2934
		14	.16	.006	.65	.026	556			1	1.38	.054	1.38	.054	2952
22		1	.64	.025	.64	.025	625	14		45	.16	.006	1.85	.073	3786
		16	.16	.006	.76	.030	635			19	.36	.014	1.85	.073	3831
		26	.13	.005	.76	.030	650			1	1.63	.064	1.63	.064	4096
		7	.25	.010	.76	.030	700			*41	.25	.010	1.85	.073	4100
		19	.16	.006	.79	.031	754			*7	.64	.025	1.85	.073	4481
	0.38	48	.10	.004	.80	.031	744		2.5	50	.25	.010	2.20	.087	4844
		194	.05	.002	.80	.031	752			7	.67	.026	2.10	.083	4871
		100	.07	.003	.80	.031	760			35	.30	.012	2.20	.087	4883
		7	.27	.011	.80	.031	791			315	.10	.004	2.20	.087	4883
		12	.21	.008	.80	.031	820			1	1.78	.070	1.78	.070	4911
		21	.16	.006	.80	.031	833	12		19	.45	.018	2.36	.093	6088
	0.5	7	.30	.012	.90	.035	977			*65	.25	.010	2.41	.095	6500
		16	.20	.008	.90	.035	992			165	.16	.006	2.41	.095	6549
		1	.80	.031	.80	.031	992			1	2.06	.081	2.06	.081	6561
20		*10	.25	.010	.89	.035	1000			*7	.81	.032	2.44	.096	7168
		1	.81	.032	.81	.032	1024		4.0	56	.30	.012	3.10	.122	7812
		41	.13	.005	.91	.036	1025			1	2.26	.089	2.26	.089	7917
		26	.16	.006	.91	.036	1032			511	.10	.004	3.00	.118	7921
		*7	.32	.013	.97	.038	1111			19	.52	.020	2.70	.106	7963
		19	.20	.008	.94	.037	1216	10		37	.40	.016	2.92	.115	9354
	0.75	7	.37	.015	1.10	.043	1485			49	.36	.014	2.95	.116	9880
		24	.20	.008	1.20	.047	1488			*7	.98	.039	2.95	.116	10376
		1	1.00	.039	1.00	.039	1550			1	2.59	.102	2.59	.102	10404
18		*16	.25	.010	1.19	.047	1600			*105	.25	.010	2.95	.116	10500
		1	1.02	.040	1.02	.040	1600		6.0	84	.30	.012	3.50	.138	11718
		65	.13	.005	1.19	.047	1625			756	.10	.004	3.70	.146	11718
		41	.16	.006	1.19	.047	1627			1	2.76	.109	2.76	.109	11807
		*7	.40	.016	1.22	.048	1770			7	1.05	.041	3.20	.126	11962
		19	.25	.010	1.24	.049	1900			19	.64	.025	3.30	.130	12063

*Strandings required for UL and CSA Certification testing.

This chart details the different conductors commonly used in the industry. For each size, either AWG or Metric, various stranding options are listed. Typically the higher stranding is used in applications requiring greater conductor flexibility.

AWG to Metric Wire Crosses	
AWG	Metric (mm²)
26-22	0.1-0.5
22-18	0.5-1.0
16-14	1.5-2.5
12-10	4.0-6.0

Common Conductor Sizes and Strandings Reference Chart (continued)

Conductor		Individual Strands			Overall Conductor Size			Conductor		Individual Strands			Overall Conductor Size		
			Diameter		Diameter		Area				Diameter		Diameter		Area
AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. MILS	AWG	Metric mm²	No.	mm	In.	mm	In.	Circ. MILS
	6	7	.107	.042	3.21	.126	11840		95	19	2.57	.101	12.8	.505	187500
		1	2.77	.109	2.77	.109	11840			37	1.83	.072	12.5	.504	187500
		7	1.1	.0432	3.3	.13	13000	4/0		19	2.89	.1055	13.4	.528	211600
9		1	2.91	.1144	2.91	.114	13090		120	37	2.06	.081	14.4	.567	237.8 kcmil
		1	3.26	.1285	3.25	.128	16510	250 kcmil		37	2.07	.0822	14.6	.575	250 kcmil
8		7	1.23	.0486	3.7	.146	16510	300 kcmil	150	37	2.29	.09	16	.63	300 kcmil
		7	1.37	.054	4.12	.162	19740	350 kcmil		37	2.47	.0973	17.3	.681	350 kcmil
	10	1	3.58	.141	3.58	.141	19740		185	37	2.54	.1	17.8	.7	365.1 kcmil
		7	1.38	.0545	4.15	.164	20520	400 kcmil		37	2.64	.104	18.5	.728	400 kcmil
7		1	3.67	.1443	3.67	.144	20520			37	2.9	.114	20.3	.798	473.6 kcmil
		7	1.55	.0612	4.66	.184	26240		240	61	2.26	.089	20.3	.801	473.6 kcmil
6		1	4.11	.162	4.11	.162	26240			37	2.95	.1162	20.7	.813	500 kcmil
	16	7	1.73	.008	5.13	.204	31580	500 kcmil		61	2.3	.0905	20.7	.814	500 kcmil
5		7	1.75	.0688	5.24	.206	33090		300	61	2.51	.099	22.6	.891	592.1 kcmil
4		7	1.96	.0772	5.88	.232	41740	600 kcmil		61	2.52	.0992	22.7	.893	600 kcmil
		7	2.16	.085	6.48	.255	49340	700 kcmil		61	2.72	.1071	24.5	.964	700 kcmil
	25	19	1.32	.052	6.6	.26	49340			61	2.82	.1109	25.4	.998	750 kcmil
3		7	2.2	.0867	6.61	.26	52620	750 kcmil		91	2.31	.0908	25.4	.998	750 kcmil
2		7	2.47	.0974	7.42	.292	66300		400	61	2.9	.114	26.1	1.026	798.4 kcmil
		7	2.54	.1	7.62	.300	69070			61	2.91	.1145	26.2	1.031	800 kcmil
	35	19	1.55	.001	7.75	.305	69070	800 kcmil		91	2.38	.0938	26.2	1.032	800 kcmil
1		19	1.5	.0064	8.43	.332	83690		500	61	3.25	.128	28.3	1.152	986.8 kcmil
	50	19	1.85	.073	9.27	.365	98680	1000 kcmil		91	2.66	.1048	29.3	1.153	1000 kcmil
1/0		19	1.59	.0745	9.46	.373	10500		625	91	2.97	.117	32.7	1.287	1233.7 kcmil
2/0		19	2.13	.0837	10.6	.419	133100								
	70	19	2.18	.086	10.9	.43	138100								
3/0		19	2.59	.094	11.9	.47	167800								
		36	1.71	.0673	12	.471	167800								

This chart details the different conductors commonly used in the industry. For each size, either AWG or Metric, various stranding options are listed. Typically the higher stranding is used in applications requiring greater conductor flexibility.

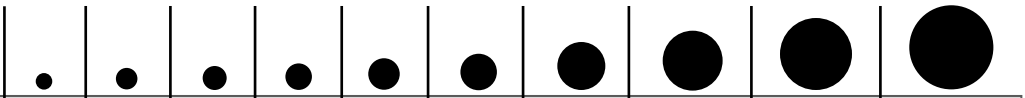
AWG to Metric Wire Crosses	
AWG	Metric (mm²)
26-22	**0.1-0.5**
22-18	**0.5-1.0**
16-14	**1.5-2.5**
12-10	**4.0-6.0**

Equivalent Tables

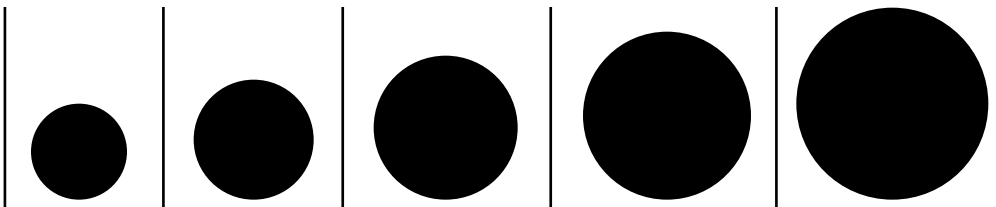
Decimal/Inches/Millimeters

1/64	.0156	0,396
1/32	0.312	0,792
3/64	.0468	1,189
1/16	.0625	1,588
5/64	.0781	1,984
3/32	.0937	2,380
7/64	.1093	2,779
1/8	.125	3,175
9/64	.1406	3,571
5/32	.1562	3,968
11/64	.1718	4,366
3/16	.1875	4,763
13/64	.2031	5,159
7/32	.2187	5,555
15/64	.2343	5,954
1/4	.25	6,350
17/64	.2656	6,746
9/32	.2812	7,143
19/64	.2968	7,541
5/16	.3125	7,938
21/64	.3281	8,337
11/32	.3437	8,730
23/64	.3593	9,129
3/8	.375	9,525
25/64	.3906	9,921
13/32	.4062	10,317
27/64	.4218	10,716
7/16	.4375	11,113
29/64	.4531	11,509
15/32	.4687	11,905
31/64	.4843	12,304
1/2	.5	12,700
33/64	.5156	13,100
17/32	.5312	13,492
35/64	.5468	13,891
9/16	.5625	14,288
37/64	.5781	14,684
19/32	.5937	15,080
39/64	.6093	15,479
5/8	.625	15,875
41/64	.6406	16,271
21/32	.6562	16,667
43/64	.6718	17,066
11/16	.6875	17,463
45/64	.7031	17,859
23/32	.7187	18,255
47/64	.7343	18,654
3/4	.75	19,050
49/64	.7656	19,446
25/32	.7812	14,842
51/64	.7968	20,241
13/16	.8125	20,637
53/64	.8281	21,034
27/32	.8437	21,480
55/64	.8593	21,828
7/8	.875	22,225
57/64	.8906	22,620
29/32	.9062	23,017
59/64	.9218	23,416
15/16	.9375	23,810
61/64	.9531	24,208
31/32	.9687	24,605
63/64	.9843	25,001
1	1.	25,400

Stud Size Chart (Inches)



Standard Stud Size	#2	#4	#5	#6	#8	#10	1/4"	5/16"	3/8"	7/16"
Stud Size Decimal Equivalent	.086"	.112"	.127"	.138"	.164"	.190"	.250"	.312"	.375"	.438"
Terminal Hole Diameter	.090"	.118"	.127"	.146"	.173"	.204"	.270"	.343"	.392"* .406"**	.456"
Stud Size Designation in *PANDUIT* Part Number	2	4	5	6	8	10	14	56	38	76



Standard Stud Size	1/2"	5/8"	3/4"	7/8"	1"
Stud Size Decimal Equivalent	.500"	.625"	.750"	.875"	1.00"
Terminal Hole Diameter	.531"	.656"	.810"	.906"	1.031"
Stud Size Designation in *PANDUIT* Part Number	12	58	34	78	1

*Terminal Stud.
**Power Connector Stud.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Labeling Systems

PANDUIT is a global leader in reliable and innovative solutions for identification and safety. Products are engineered for a wide variety of industries and applications - including electrical, electronics, industrial, and network. *PANDUIT* provides enhanced productivity, reliability, and value with leading-edge software development, materials and equipment by designing and manufacturing a full line of labeling products, software and printers to assist you with your labeling requirements.

- **World-class quality – ISO 9001 and ISO 14001**
- **High performance and reliability**
- **Wide variety of system solutions to meet the most demanding requirements**
- **Meet and exceed the requirements of UL, CSA, ISO, NEC and OSHA**
- **Strong service and support network – distributor partners, knowledgeable sales people, expert technical support and world-class customer service**

PANDUIT provides a complete range of industrial products and tools – including portable labeling systems, desktop labeling systems, pre-printed labels, and safety systems. Use *PANDUIT* for all your identification needs for wire and cable, electrical and electronic devices, agency compliance, workplace safety and more.

Printers: Thermal Transfer Desktop, Hand-Held and Portable

PANDUIT desktop thermal transfer printers enable fast, high quality label production for all your identification requirements. Use *PANDUIT* labeling software and desktop thermal transfer printers to produce on-demand identification solutions quickly and economically. *PANDUIT* hand-held and portable printers are designed for flexibility. Programmed with advanced functionality, *PANDUIT* printers make custom labeling easy.

Desktop Printers

- Compatible with *PANDUIT*® *Easy-Mark*™ Version 3.0 and *Pan-Mark*® *2.5* for WINDOWS^ labeling software (page E1.21)
- Provide crisp, clear, high quality thermal transfer print
- Compatible with WINDOWS^ based PC operating systems

Hand-Held and Portable Printers

- Create labels at remote job sites
- Available in crisp, clear, high quality thermal transfer print or dot matrix print
- Easily identify moves, adds or changes

PANDUIT printers and our wide variety of labels provide solutions for all your project labeling needs.

^ WINDOWS is a registered trademark of Microsoft Corp. in the United States and other countries.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

PANTHER™ LS8 Hand-Held Thermal Transfer Printer and Accessories

- Compact, rugged design includes reverse feeding and advanced cut-to-length capability in order to minimize label waste
- Includes large backlit display, adjustable cutter and USB interface
- 203 dpi thermal transfer printer creates crisp, clear legends with superior legibility
- Used to print a wide variety of wire and cable labels, component labels and continuous tapes up to 1.00" (25.40mm) wide
- Powered by 6 AA alkaline batteries
- Easy loading *P1*™ cassettes with automatic label recognition includes both label materials and ribbon
- Advanced functions include serialization, barcode printing, vertical and horizontal lines, rotated or vertical text, variety of font sizes/styles and a symbol library containing electrical, data communications and facility identification symbols

LS8

LS8-KIT

Part Number	Part Description	Std. Pkg. Qty.
LS8	Includes LS8 printer, 1 cassette of S100X150VAC self-laminating labels, 6 AA alkaline batteries and quick reference card.	1
LS8-KIT	Includes LS8 printer, 1 cassette of S100X150VAC self-laminating labels, 6 AA alkaline batteries, hard carrying case, LS8-PCKIT, LS8-IB, LS8-WS and quick reference card.	1
LS8-ACS*	120 VAC power adapter for North America.	1
LS8-PCKIT	Includes USB cable and PC interface software for importing data, system upgrades or printing from a computer.	1
LS8-CASE	Hard carrying case.	1
LS8-CLN	Cleaning cassette.	1
LS8-IB	Protective impact bumper.	1
LS8-WS	Wrist strap.	1

*Cannot be used to charge batteries.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PanTher™ LS8 Hand-Held Thermal Transfer Printer Cassettes

P1™ Self-Laminating Label Cassettes

- Labels offer crisp, clear legends with superior legibility
- Meets UL Standard 2043 suitable for use in air handling spaces
- Self-laminating labels for wire/cable labeling include a colored print-on area and clear overlaminate to protect the legend for clear and durable identification

Part Number System for Wire/Cable Labeling

S	0	5	0	X	0	7	5	V	A	C
Label Type	Width (In.)			"X"	Length (In.)			Material		Print Method

S = Self-Laminating Wire/Cable Label

VA = Vinyl

C = *P1*™ Cassette

Material/Print Method Selection Chart

Material	Print Method	Temperature Range	Features
Self-Laminating Vinyl, White Print-On (VA)	*P1*™ Cassette	-40°F to 200°F (-40°C to 93°C)	Indoor/outdoor rated; thin and conformable; preferred material for most general wire/cable labeling.

Part Number	Part Description	Width		Length		Print-On Height		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
S050X075VAC	White print-on area, vinyl label for 18-14 AWG wires, 450/roll.	.50	12.70	.75	19.05	.25	6.35	.08	2.02	.16	4.04	1	10
S050X125VAC	White print-on area, vinyl label for 12-10 AWG wires, 225/roll.	.50	12.70	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	1	10
S050X150VAC	White print-on area, vinyl label for Cat 5e/Cat 6 cable, 200/roll.	.50	12.70	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	1	10
S100X075VAC	White print-on area, vinyl label for 18-14 AWG wires, 450/roll.	1.00	25.40	.75	19.05	.25	6.35	.08	2.02	.16	4.04	1	10
S100X125VAC	White print-on area, vinyl label for 12-10 AWG wires, 225/roll.	1.00	25.40	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	1	10
S100X150VAC	White print-on area, vinyl label for Cat 5e/Cat 6 cable, 200/roll.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	1	10
S100X225VAC	White print-on area, vinyl label for 8-4 AWG wires, 125/roll.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1	10
S100X400VAC	White print-on area, vinyl label for 2-1 AWG wires, 75/roll.	1.00	25.40	4.00	101.60	1.00	25.40	.32	8.09	.95	24.26	1	10
S100X650VAC	White print-on area, vinyl label for 1/0-250 MCM wires, 50/roll.	1.00	25.40	6.50	165.10	1.50	38.10	.48	12.13	1.59	40.43	1	10

Order number of cassettes required.

PANTHER™ LS8 Hand-Held Thermal Transfer Printer Cassettes

P1™ Non-Laminated Label Cassettes

- Labels offer crisp, clear legends with superior legibility
- Use as a wrap around label or flag style marker for wire/cable labels
- Available in vinyl cloth material for long-term or temporary labeling

Part Number System for Wire/Cable Labeling

N	0 5 0	X	0 7 5	C B	C
Label Type	**Width (In.)**	**"X"**	**Length (In.)**	**Material**	**Print Method**
S = Non-Laminating Wire/Cable Label				CB = Vinyl Cloth	C = *P1*™ Cassette

Material/Print Method Selection Chart

Material	Print Method	Temperature Range	Features
Vinyl Cloth White Print-On (CB)	*P1*™ Cassette	-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications: provides durability, high temperature resistance and dimensional stability for rough or textured surfaces; resists oil and abrasion.

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm		
N050X075CBC	White, vinyl cloth label for 18-14 AWG wires, 175/roll.	.50	12.70	.75	19.05	.24	6.10	.51	12.95	1	10
N050X150CBC	White, vinyl cloth label for Cat 5e/Cat 6 cable, 100/roll.	.50	12.70	1.50	38.10	.48	12.19	1.02	25.91	1	10
N100X125CBC	White, vinyl cloth label for 12-10 AWG wires, 125/roll.	1.00	25.40	1.25	31.75	.40	10.16	.85	21.59	1	10
N100X175CBC	White, vinyl cloth label for 8-4 AWG wires, 75/roll.	1.00	25.40	1.75	44.45	.56	14.22	1.19	30.23	1	10

Order number of rolls required.

P1™ Flag Style Label Cassettes

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm		
N050X150CBC	White, vinyl cloth label for Cat 5e/Cat 6 cable, 100/roll.	.50	12.70	1.50	38.10	.06	1.52	.15	3.81	1	10
N100X175CBC	White, vinyl cloth label for 8-4 AWG wires, 75/roll.	1.00	25.40	1.75	44.45	.12	3.05	.22	5.58	1	10

Order number of cassettes required.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PANTHER™ LS8 Hand-Held Thermal Transfer Printer Cassettes

P1™ Heat Shrink Label Cassettes

- Labels offer crisp, clear legends with superior legibility
- Meets UL Standard 224 for flammability and UL Standard 2043 suitable for use in air handling spaces
- Shrink ratio 3:1
- Continuous flattened polyolefin

Part Number System for Wire/Cable Labeling

H	1	0	0	X	0	2	5	F	1	C

Label Type
H = Heat Shrink Wire/Cable Label

Width (ft)

"X"

Length (In.)

Material
F1 = Heat Shrinkable Polyolefin

Print Method
C = P1™ Cassette

Material/Print Method Selection Chart

Material	Print Method	Temperature Range	Features
Heat Shrinkable Polyolefin, White (F1)	P1™ Cassette	-22°F to 220°F (-30°C to 105°C)	Durable flattened polyolefin, high quality heat shrink wire/cable labels.

Part Number	Part Description	Length		Width		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		ft	M	In.	mm	In.	mm	In.	mm		
H000X025F1C	White, 1/8" diameter polyolefin, 200/roll.	8.0	2.4	.25	6.35	.04	1.02	.13	3.30	1	10
H000X034F1C	White, 3/16" diameter polyolefin, 200/roll.	8.0	2.4	.34	8.64	.06	1.52	.19	4.83	1	10
H000X044F1C	White, 1/4" diameter polyolefin, 200/roll.	6.0	1.8	.44	11.18	.08	2.03	.25	6.35	1	10
H000X084F1C	White, 1/2" diameter polyolefin, 100/roll.	6.0	1.8	.84	21.34	.17	4.32	.50	12.75	1	10

Order number of cassettes required.

PanThER™ LS8 Hand-Held Thermal Transfer Printer Cassettes

P1™ Component Label Cassettes

- Labels offer crisp, clear legends with superior legibility
- Use for components, circuit boards and general labeling
- Available in polyester, non-adhesive polyester, polyolefin and vinyl cloth materials

Part Number System for Component Labeling

C	0 6 0	X	0 2 0	Y J	C
Label Type	**Width (In.)**	**"X"**	**Length (In.)**	**Material**	**Print Method**
C = Component Label				YJ = Polyester CB = Vinyl Cloth Y1 = Non Adhesive Polyester FJ = Polyelefin	C = *P1*™ Cassette

Material/Print Method Selection Chart

Material	Print Method	Temperature Range	Features
Polyester, White (YJ)	*P1*™ Cassette	-40°F to 200°F (-40°C to 93°C)	Indoor/outdoor rated; provides durability, high temperature resistance and dimensional stability, does not stretch or easily tear.
Vinyl Cloth, White (CB)		-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability; high temperature resistance and dimensional stability for rough or textured surfaces; resists oil and abrasion.

Part Number	Part Description	Width		Height		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm		
C060X020YJC	White, polyester label, 750/roll.	.60	15.24	.20	5.08	1	10
C100X025YJC	White, polyester label, 500/roll.	1.00	25.40	.25	6.35	1	10
C100X050CBC	White, vinyl cloth label, 500/roll.	1.00	25.40	.50	12.70	1	10
C100X050YJC	White, polyester label, 500/roll.	1.00	25.40	.50	12.70	1	10
C150X075YJC	White, polyester label, 500/roll.	1.50	38.10	.75	19.05	1	10
C200X050CBC	White, vinyl cloth label, 500/roll.	2.00	50.80	.50	12.70	1	10
C200X050YJC	White, polyester label, 500/roll.	2.00	50.80	.50	12.70	1	10
C200X100YJC	White, polyester label, 250/roll.	2.00	50.80	1.00	25.40	1	10

Order number of cassettes required.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PanTher™ LS8 Hand-Held Thermal Transfer Printer Cassettes

P1™ Continuous Tape Cassettes

- Tapes offer crisp, clear legends with superior legibility
- Print custom pipe markers, signs, bin markers and terminal block labels on demand
- Available in continuous polyester, polyolefin or vinyl

Part Number System for Wire/Cable Labeling

T	1	0	0	X	0	0	0	V	P	C
Label Type	**Width (In.)**			**"X"**	**Length (In.)**			**Material**		**Print Method**
T = Continuous Tape								FJ = Polyolefin YK = Polyester VP = Vinyl		C = *P1*™ Cassette

Material/Print Method Selection Chart

Material	Print Method	Temperature Range	Features
Polyolefin, White (FJ)	*P1*™ Cassette	-50°F to 120°F (-46°C to 49°C)	Indoor/outdoor rated; thin conformable material for general identification; excellent print quality.
Polyester, White Clear		-40°F to 302°F (-40°C to 150°C)	Indoor/outdoor rated; laminated label material protects legend from abrasion and chemicals; resistant to UV light chemical atmosphere and abrasion; excellent life and adhesion properties.
Vinyl, Blue (VQ) Green (VS) Orange (VU) Red (VW) White (VP) Yellow (VX)		-40°F to 200°F (-40°C to 93°C)	Indoor/outdoor rated; conformable material for flat applications and safety and facility identification; can be overlaminated to increase durability.

Part Number	Part Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	ft	M		
T024X000FJC-BK	Black on white, polyolefin tape.	.24	6.10	25.0	7.6	1	10
T031X000FJC-BK	Black on white, polyolefin tape.	.31	7.87	25.0	7.6	1	10
T038X000FJC-BK	Black on white, polyolefin tape.	.38	9.65	25.0	7.6	1	10
T038X000VPC-BK	Black on white, vinyl tape.	.38	9.65	25.0	7.6	1	10
T038X000VYC-WH	White on black, vinyl tape.	.38	9.65	25.0	7.6	1	10
T038X000YKC-BK	Black on clear, polyester tape.	.38	9.65	25.0	7.6	1	10
T050X000VPC-BK	Black on white, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VQC-BK	Black on blue, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VSC-BK	Black on green, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VUC-BK	Black on orange, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VWC-BK	Black on red, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VYC-WH	White on black, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000YKC-BK	Black on clear, polyester tape.	.50	12.70	25.0	7.6	1	10
T075X000VPC-BK	Black on white, vinyl tape.	.75	19.05	25.0	7.6	1	10
T075X000YKC-BK	Black on clear, polyester tape.	.75	19.05	25.0	7.6	1	10
T100X000VPC-BK	Black on white, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VQC-BK	Black on blue, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VQC-WH	White on blue, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VSC-BK	Black on green, vinyl tape.	1.00	25.40	25.0	7.6	1	10

Order number of cassettes required.

Chart continues on page E1.8

P1™ Continuous Tape Cassettes (continued)

Part Number	Part Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	ft	M		
T100X000VSC-WH	White on green, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VUC-BK	Black on orange, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VUC-WH	White on orange, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VWC-BK	Black on red, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VWC-WH	White on red, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VXC-BK	Black on yellow, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VXC-WH	White on yellow, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VYC-WH	White on black, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000YKC-BK	Black on clear, polyester tape.	1.00	25.40	25.0	7.6	1	10

Order number of cassettes required.

PANACEA® LS7 Hand-Held Thermal Transfer Printer and Accessories

- Compact, multi-purpose printer for electrical, network and facility identification
- 180 dpi thermal transfer printer creates crisp, clear legends with superior legibility
- Use to print a wide variety of wire and cable labels, component labels and continuous tapes up to .708" (18.00mm) wide
- Powered by 6 AA alkaline batteries
- Fast loading label cassette includes both label material and ribbon for easy label changes
- Advanced functions include repeat legend, serialization, vertical and horizontal lines, rotate text, symbol library and file memory

LS7

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
LS7	Includes printer, 6 AA alkaline batteries, .708" (18.00mm) non-laminated black/white cassette, hardside carrying case, wrist strap, label separator tool and operator's manual.	1	4
LS7-ACS*	120 VAC adapter.	1	6
LS7-CLN	Cleaning cassette.	1	20

*Cannot be used to charge batteries.
For detailed information on the *PANACEA*® LS7 Hand-held Thermal Transfer Printer, request product bulletin SA-IDCB12.

PANACEA® LS7 Hand-Held Thermal Transfer Printer Label Cassettes

LS7 Label Cassette

Material/Print Method Selection Guide

Material	Print Method	Temperature Range	Features
Polyester, White Clear Yellow* Orange* Red*	*PANACEA*® LS7 Printer	-40°F to 302°F (-40°C to 150°C)	Indoor/outdoor rated; laminated label material protects legend from abrasion and chemicals; resistant to UV light chemical atmosphere and abrasion; excellent life and adhesion properties.
Non-Laminated Polyester, White* Clear*			Indoor rated; general purpose material for wire/cable identification.

*Not recognized by Underwriters Laboratories.

Terminal Block Labeling

Part Number	Part Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	ft	M		
Laminated Adhesive Label Cassettes							
LS7-25-1	Black/white, laminated polyester label cassette.	.236	6.00	26.2	8.0	1	20

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PANACEA® LS7 Hand-Held Thermal Transfer Printer Label Cassettes (continued)

Wire/Cable Labeling

Part Number	Part Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	ft	M		
LS7-25-2	Black/clear, laminated polyester label cassette.	.236	6.00	26.2	8.0	1	20
LS7-38-1	Black/white, laminated polyester label cassette.	.354	9.00	26.2	8.0	1	20
LS7-38-2	Black/clear, laminated polyester label cassette.	.354	9.00	26.2	8.0	1	20
LS7-50-1	Black/white, laminated polyester label cassette.	.472	12.00	26.2	8.0	1	20
LS7-50-2	Black/clear, laminated polyester l abel cassette.	.472	12.00	26.2	8.0	1	20
LS7-75-4	Black/yellow, laminated polyester label cassette.	.708	18.00	26.2	8.0	1	20
LS7-75-5	Black/orange, laminated polyester label cassette.	.708	18.00	16.4	5.0	1	20
LS7-75-6	Black/red, laminated polyester label cassette.	.708	18.00	26.2	8.0	1	20

Non-Laminated Adhesive Label Cassettes – For wire/cable and flat labeling

LS7-75NL-1	Black/white, non-laminated polyester label cassette.	.708	18.00	26.2	8.0	1	20
LS7-75NL-2	Black/clear, non-laminated polyester label cassette.	.708	18.00	26.2	8.0	1	20

Order number of cassettes required.
For non-adhesive labeling solution, do not remove liner from label.

VIPER™ LS6 Portable Thermal Transfer Printer and Accessories

- Rugged, industrial, multi-purpose printer for electrical, network and facility identification
- 203 dpi thermal transfer printer creates crisp, clear legends with superior legibility
- Use to print a wide variety of self-laminating labels, component labels, non-laminated labels, continuous tapes and heat shrink labels up to 2.00" wide
- Powered by a NiMH (Nickel Metal Hydride) rechargeable battery pack
- Fast loading ribbon cartridge allow user to slide, lock and go
- Advanced functions include serialization, barcode printing, vertical and horizontal lines, rotate text, date and time stamp, variety of font sizes and a symbol library containing over 40 electrical, network and facility identification symbols

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
LS6-KIT	Includes printer, AC power adapter/charger, LS6-RWBLK ribbon, hardside carrying case and operator's manual.	1	—
LS6-ACS2*	North America AC power adapter/charger.	1	—
LS6-BP	Replacement battery pack.	1	6
LS6-CLN	5 cleaning cards.	1	5
LS6-MAN-A**	Operator's manual – English.	1	10
LS6-PCKIT	PC interface kit includes serial cable and VIPERLINK™ software.	1	—

Ribbons for use with the VIPER™ LS6 Portable Thermal Transfer Printer

LS6-RHBLK	Black, hybrid ribbon, 2.00" x 100.0'. Recommended for use with self-laminating, heat shrink, component and non-laminated labels.	1	6
LS6-RWBLK	Black, wax ribbon, 2.00" x 100.0'. Recommended for use with self-laminating, heat shrink and non-laminated labels.	1	6
LS6-RRBLK	Black, resin ribbon, 2.00" x 100.0'. Recommended for use with component labels and continuous tape.	1	6
LS6-RRWHT	White, resin ribbon, 2.00" x 75.0'. Recommended for use with continuous tape.	1	6

*AC power adapter available for other countries, contact factory for more information.
**Other languages available, contact Customer Service for more information.

VIPER™ LS6 Portable Thermal Transfer Printer Labels

Self-Laminating Labels

- Labels offer crisp, clear legends with superior legibility
- Meets UL Standard 2043 suitable for use in air handling spaces
- Self-laminating labels for wire/cable labeling include a colored print-on area and clear overlaminate to protect the legend for clear and durable identification

Part Number System for Wire/Cable Labeling

S	0	5	0	X	0	7	5	V	A	6

Label Type
S = Self-Laminating Wire/Cable Label

Width (In.)

"X"

Length (In.)

Material
VA = Vinyl

Print Method
6 = *VIPER*™ LS6 Printer

Material/Print Method Selection Chart

Material	Print Method	Temperature Range	Features
Self-Laminating Vinyl, White Print-On (VA)	*VIPER*™ LS6 (6) Printer	-40°F to 200°F (-40°C to 93°C)	Indoor/outdoor rated; thin and conformable; preferred material for most general wire/cable labeling.

Part Number	Part Description	Width		Length		Print-On Height		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
S050X075VA6Y	White print-on area, vinyl label, 500/roll.	.50	12.70	.75	19.05	.25	6.35	.08	2.02	.16	4.04	1	10
S050X125VA6Y	White print-on area, vinyl label, 350/roll.	.50	12.70	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	1	10
S050X150VA6Y	White print-on area, vinyl label, 250/roll.	.50	12.70	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	1	10
S100X075VA6Y	White print-on area, vinyl label, 250/roll.	1.00	25.40	.75	19.05	.25	6.35	.08	2.02	.16	4.04	1	10
S100X125VA6Y	White print-on area, vinyl label, 250/roll.	1.00	25.40	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	1	10
S100X150VA6Y	White print-on area, vinyl label, 250/roll.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	1	10
S100X225VA6Y	White print-on area, vinyl label, 150/roll.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1	10
S100X400VA6Y	White print-on area, vinyl label, 100/roll.	1.00	25.40	4.00	101.60	1.00	25.40	.32	8.09	.95	24.26	1	10
S100X650VA6Y	White print-on area, vinyl label, 50/roll.	1.00	25.40	6.50	165.10	1.50	38.10	.48	12.13	1.59	40.43	1	10
S200X225VA6Y	White print-on area, vinyl label, 150/roll.	2.00	50.80	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1	10
S200X400VA6Y	White print-on area, vinyl label, 100/roll.	2.00	50.80	4.00	101.60	1.00	25.40	.32	8.09	.95	24.26	1	10
S200X650VA6Y	White print-on area, vinyl label, 50/roll.	2.00	50.80	6.50	165.10	1.50	38.10	.48	12.13	1.59	40.43	1	10

Order number of rolls required.
Use with *VIPER*™ LS6 thermal transfer hybrid or wax ribbons found on page E1.9.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

VIPER™ LS6 Portable Thermal Transfer Printer Labels

Non-Laminated Labels

- Labels offer crisp, clear legends with superior legibility
- Use as a wrap around label or flag style marker for wire/cable labels
- Available in vinyl cloth material for long-term or temporary labeling

Part Number System for Wire/Cable Labeling

N	0	5	0	X	0	7	5	C	B	6
Label Type	Width (In.)			"X"	Length (In.)			Material		Print Method

N = Non-Laminated Wire/Cable Label

CB = Vinyl Cloth

6 = VIPER™ LS6 Printer

Material/Print Method Selection Chart

Material	Print Method	Temperature Range	Features
Vinyl Cloth, White (CB)	VIPER™ LS6 (6) Printer	-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surfaces; resists oil and abrasion.

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm		
N050X075CB6	White, vinyl cloth label, 400/roll.	.50	12.70	.75	19.05	.24	6.10	.51	12.95	1	10
N050X150CB6	White, vinyl cloth label, 200/roll.	.50	12.70	1.50	38.10	.48	12.19	1.02	25.91	1	10
N100X125CB6	White, vinyl cloth label, 250/roll.	1.00	25.40	1.25	31.75	.40	10.16	.85	21.59	1	10
N100X175CB6	White, vinyl cloth label, 200/roll.	1.00	25.40	1.75	44.45	.56	14.22	1.19	30.23	1	10

Order number of rolls required.
Use with VIPER™ LS6 thermal transfer hybrid or wax ribbons found on page E1.9.

Flag Style Labels

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm		
N050X150CB6	White, vinyl cloth label, 200/roll.	.50	12.70	1.50	38.10	.06	1.52	.15	3.81	1	10
N100X175CB6	White, vinyl cloth label, 200/roll.	1.00	25.40	1.75	44.45	.12	3.05	.22	5.58	1	10

Order number of rolls required.
Use with VIPER™ LS6 thermal transfer hybrid or wax ribbons found on page E1.9.

VIPER™ LS6 Portable Thermal Transfer Printer Labels

Heat Shrink Labels

- Labels offer crisp, clear legends with superior legibility
- Meets UL Standard 224 for flammability and UL Standard 2043 suitable for use in air handling spaces
- Shrink ratio 3:1
- Pre-cut flattened polyolefin mounted on plastic carrier

Part Number System for Wire/Cable Labeling

H	1	0	0	X	0	2	5	F	1	6
Label Type	Width (In.)			"X"	Length (In.)			Material		Print Method

H = Heat Shrink Wire/Cable Label

F1 = Heat Shrinkable Polyolefin

6 = *VIPER*™ LS6 Printer

Material/Print Method Selection Chart

Material	Print Method	Temperature Range	Features
Heat Shrinkable Polyolefin, White (F1)	*VIPER*™ LS6 (6) Printer	-22°F to 220°F (-30°C to 105°C)	Durable flattened polyolefin, high quality heat shrink wire/cable labels.

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm		
H050X025F16	White, 1/8" diameter polyolefin, 200/roll.	.50	12.70	.25	6.35	.04	1.02	.13	3.30	1	10
H050X034F16	White, 3/16" diameter polyolefin, 200/roll.	.50	12.70	.34	8.64	.06	1.52	.19	4.83	1	10
H050X044F16	White, 1/4" diameter polyolefin, 200/roll.	.50	12.70	.44	11.18	.08	2.03	.25	6.35	1	10
H100X025F16	White, 1/8" diameter polyolefin, 100/roll.	1.00	25.40	.25	6.35	.04	1.02	.13	3.30	1	10
H100X034F16	White, 3/16" diameter polyolefin, 100/roll.	1.00	25.40	.34	8.64	.06	1.52	.19	4.83	1	10
H100X044F16	White, 1/4" diameter polyolefin, 100/roll.	1.00	25.40	.44	11.18	.08	2.03	.25	6.35	1	10
H100X084F16	White, 1/2" diameter polyolefin, 100/roll.	1.00	25.40	.84	21.34	.17	4.32	.50	12.70	1	10
H175X025F16	White, 1/8" diameter polyolefin, 100/roll.	1.75	44.45	.25	6.35	.04	1.02	.13	3.30	1	10
H175X034F16	White, 3/16" diameter polyolefin, 100/roll.	1.75	44.45	.34	8.64	.06	1.52	.19	4.83	1	10
H175X044F16	White, 1/4" diameter polyolefin, 100/roll.	1.75	44.45	.44	11.18	.08	2.03	.25	6.35	1	10
H175X084F16	White, 1/2" diameter polyolefin, 100/roll.	1.75	44.45	.84	21.34	.17	4.32	.50	12.70	1	10

Order number of rolls required.
Use with *VIPER*™ LS6 thermal transfer hybrid or wax ribbons found on page E1.9.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

VIPER™ LS6 Portable Thermal Transfer Printer Labels

Component Labels

- Labels offer crisp, clear legends with superior legibility
- Use for components, circuit boards and general labeling
- Available in non-adhesive polyester, polyester, polyolefin and vinyl cloth materials

Part Number System for Component Labeling

C	0 6 0	X	0 2 0	Y J	6
Label Type	**Width (In.)**	**"X"**	**Height (In.)**	**Material**	**Print Method**
C = Component Label				YJ = Polyester CB = Vinyl Cloth	6 = VIPER™ LS6 Printer

Material/Print Method Selection Guide

Material	Print Method	Temperature Range	Features
Polyester, White (YJ)	VIPER™ LS6 (6) Printer	-40°F to 302°F (-40°C to 150°C)	Indoor/outdoor rated; provides durability, high temperature resistance and dimensional stability; does not stretch or easily tear.
Vinyl Cloth, White (CB)		-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surfaces; resists oil and abrasion.

Part Number	Part Description	Width		Height		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm		
C060X020YJ6	White, polyester label, 750/roll.	.60	15.24	.20	5.08	1	10
C100X025YJ6	White, polyester label, 500/roll.	1.00	25.40	.25	6.35	1	10
C100X050CB6	White, vinyl cloth label, 500/roll.	1.00	25.40	.50	12.70	1	10
C100X050YJ6	White, polyester label, 500/roll.	1.00	25.40	.50	12.70	1	10
C150X075YJ6	White, polyester label, 500/roll.	1.50	38.10	.75	19.05	1	10
C200X050CB6	White, vinyl cloth label, 500/roll.	2.00	50.80	.50	12.70	1	10
C200X050YJ6	White, polyester label, 500/roll.	2.00	50.80	.50	12.70	1	10
C200X100YJ6	White, polyester label, 250/roll.	2.00	50.80	1.00	25.40	1	10
C200X100FJ6	White, polyester label, 250/roll.	2.00	50.80	1.00	25.40	1	10

Order number of rolls required.
Use with VIPER™ LS6 thermal transfer hybrid or wax ribbons on vinyl cloth labels or resin ribbons on polyester labels.
Ribbons can be found on page E1.9.

VIPER™ LS6 Portable Thermal Transfer Labels

Continuous Tapes

- Tapes offer crisp, clear legends with superior legibility
- Print custom pipe markers, signs, bin markers and terminal block labels on demand
- Available in continuous polyester, polyolefin or vinyl

Part Number System for Continuous Tapes

T	2	0	0	X	0	0	0	V	P	6

Label Type
T = Continuous Tape

Width (In.)

"X"

Length (ft)

Material
YK = Polyester
FJ = Polyolefin
VP = Vinyl

Print Method
6 = *VIPER*™ LS6 Printer

Material/Print Method Selection Chart

Material	Print Method	Temperature Range	Features
Polyester, Clear (YK)	*VIPER*™ LS6 (6) Printer	-40°F to 257°F (-40°C to 125°C)	Indoor/outdoor rated; provides durability, high temperature resistance and dimensional stability; does not stretch or easily tear.
Polyolefin, White (FJ)		-50°F to 120°F (46°C to 49°C)	Indoor/outdoor rated; thin conformable material for general identification; excellent print quality.
Vinyl, Blue (VQ) Green (VS) Orange (VU) Red (VW) White (VP) Yellow (VX)		-40°F to 200°F (40°C to 93°C)	Indoor/outdoor rated; conformable material for flat applications and safety and facility identification; can be overlaminated to increase durability.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Continuous Tapes (continued)

Part Number	Part Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	ft	M		
T024X000FJ6	White, polyolefin tape.	.24	6.10	30.0	9.1	1	10
T031X000FJ6	White, polyolefin tape.	.31	7.87	30.0	9.1	1	10
T038X000FJ6	White, polyolefin tape.	.38	9.65	30.0	9.1	1	10
T050X000VP6Y	White, vinyl tape.	.50	12.70	50.0	15.2	1	10
T100X000VP6Y	White, vinyl tape.	1.00	25.40	50.0	15.2	1	10
T100X000VU6Y	Orange, vinyl tape.	1.00	25.40	50.0	15.2	1	10
T100X000VW6Y	Red, vinyl tape.	1.00	25.40	50.0	15.2	1	10
T100X000VX6Y	Yellow, vinyl tape.	1.00	25.40	50.0	15.2	1	10
T200X000VP6Y	White, vinyl tape.	2.00	50.80	50.0	15.2	1	10
T200X000VQ6Y	Blue, vinyl tape.	2.00	50.80	50.0	15.2	1	10
T200X000VS6Y	Green, vinyl tape.	2.00	50.80	50.0	15.2	1	10
T200X000VU6Y	Orange, vinyl tape.	2.00	50.80	50.0	15.2	1	10
T200X000VW6Y	Red, vinyl tape.	2.00	50.80	50.0	15.2	1	10
T200X000VX6Y	Yellow, vinyl tape.	2.00	50.80	50.0	15.2	1	10
T200X000YK6	Clear, polyester tape.	2.00	50.80	50.0	15.2	1	10

Order number of rolls required.
Use with *VIPER*™ LS6 thermal transfer resin ribbons found on page E1.9.

PAN-QUIK™ LS3E Hand-Held Dot Matrix Printer and Accessories

- Lightweight, multi-purpose printer for electrical and network identification
- 9 pin dot matrix printer creates clear legends that are easily read
- Use to print a wide variety of self-laminating labels, component labels, non-laminated labels and heat shrink labels up to 1.50" wide
- Powered by a rechargeable Ni-Cad battery pack
- Features the *QUIK-KEY*™ fast label formatting system for reduced set up time
- Advanced functions include serialization, variety of font sizes, rotate text, repeat legend and file memory

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
LS3E	Includes printer, battery pack, battery charger, printer ribbon, wrist strap and operator's manual.	1	—
LS3E-KIT	Includes printer, battery pack, battery charger, printer ribbon, wrist strap and operator's manual, plus AC power adapter and carrying case.	1	—
LS3EACS*	AC power adapter, charging pack, and power cord: used to power LS3E directly from power outlet and charge battery pack at the same time.	1	—
LS3E-BP	Replacement battery pack.	1	24
LS3-CASE	Plastic carrying case.	1	—
LS3-RIB	Replacement ribbon.	1	6
LS3E-MAN-A**	Replacement operator's manual, English.	1	10

*AC power adapter available for other countries.
**Other languages available.
For detailed information and a complete product offering for the *PAN-QUIK*™ LS3E Hand-held Dot Matrix Printer, request product bulletin SA101N389A-ID.

PAN-QUIK™ LS3E Hand-Held Dot Matrix Printer Labels

Self-Laminating Labels

- Designed to identify all sizes of wires and cables quickly and economically
- Overlaminate protects legend for clear, permanent identification
- Vinyl material for indoor applications

Part Number System for Wire/Cable Labeling

S	0 5 0	X	0 7 5	V A	3
Label Type	Width (In.)	"X"	Height (In.)	Material	Print Method
S = Self-Laminating Wire/Cable Label				VA = Vinyl	3 = PAN-QUIK™ LS3E Printer

Material/Print Method Selection Chart

Material	Print Method	Temperature Range	Features
Self-Laminating Vinyl, White Print-On (VA)	PAN-QUIK™ LS3E (3) Printer	-40°F to 200°F (-40°C to 93°C)	Indoor/outdoor rated; thin and conformable; preferred material for most general wire/cable labeling.

Part Number	Part Description	Width		Length		Print-On Height		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In	mm	In.	mm	In.	mm		
S050X075VA3Y	White print-on area, vinyl label, 250/roll.	.50	12.70	.75	19.05	.25	6.35	.08	2.02	.16	4.04	1	10
S050X125VA3Y	White print-on area, vinyl label, 250/roll.	.50	12.70	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	1	10
S050X150VA3Y	White print-on area, vinyl label, 250/roll.	.50	12.70	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	1	10
S100X075VA3Y	White print-on area, vinyl label, 250/roll.	1.00	25.40	.75	19.05	.25	6.35	.08	2.02	.16	4.04	1	10
S100X125VA3Y	White print-on area, vinyl label, 250/roll.	1.00	25.40	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	1	10
S100X150VA3Y	White print-on area, vinyl label, 250/roll.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	1	10
S100X225VA3Y	White print-on area, vinyl label, 150/roll.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1	10

Order number of rolls required.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-QUIK™ LS3E Hand-Held Dot Matrix Printer Labels

Heat Shrink Labels

- Labels offer crisp, clear legends with superior legibility
- Meets UL Standard 224 for flammability and UL Standard 2043 suitable for air handling spaces
- Shrink ratio 3:1
- Pre-cut flattened polyolefin mounted on plastic carrier

Part Number System for Wire/Cable Labeling

H	1	0	0	X	0	2	5	F	1	3
Label Type	Width (In.)			"X"	Length (In.)			Material		Print Method

H = Heat Shrink Wire/Cable Label

F1 = Heat Shrinkable Polyolefin

3 = PAN-QUIK™ LS3E Printer

Material/Print Method Selection Chart

Material	Print Method	Temperature Range	Features
Heat Shrinkable Polyolefin, White (F1)	PAN-QUIK™ LS3E (3)	-22°F to 220°F (-30°C to 105°C)	Durable flattened polyolefin, high quality heat shrink wire/cable labels.

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm		
H050X025F13	White, 1/8" diameter polyolefin, 200/roll.	.50	12.70	.25	6.35	.04	1.02	.13	3.30	1	10
H100X025F13	White, 1/8" diameter polyolefin, 100/roll.	1.00	25.40	.25	6.35	.04	1.02	.13	3.30	1	10
H100X034F13	White, 3/16" diameter polyolefin, 100/roll.	1.00	25.40	.34	8.64	.06	1.52	.18	4.57	1	10
H100X044F13	White, 1/4" diameter polyolefin, 100/roll.	1.00	25.40	.44	11.18	.08	2.03	.25	6.35	1	10
H100X084F13	White, 1/2" diameter polyolefin, 100/roll.	1.00	25.40	.84	21.34	.17	4.32	.50	12.70	1	10

Order number of rolls required.

TDP43M Thermal Transfer Desktop Printer and Accessories

- Compact lightweight design enables use in office or remote locations
- 300 dpi thermal transfer printer creates crisp, clear legends with superior legibility
- Up to 2.00" per second print speed for fast label production
- Use to print a wide variety of self-laminating labels, component labels, non-laminated labels, continuous tapes and heat shrink labels up to 4.00" wide
- *EASY-MARK*™ labeling software and hybrid ribbon included with printer
- Compatible with most standard PCs and *PANDUIT*® *EASY-MARK*™ or *PAN-MARK*® 2.5 for WINDOWS^ labeling software

TDP43M

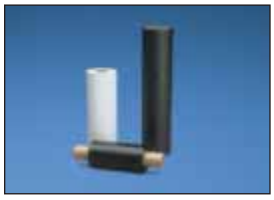
TDP43M-CASE

Part Number	Description	Std. Pkg. Qty.
TDP43M	300 dpi printer; includes printer, *PANDUIT*® *EASY-MARK*™ Labeling Software, RMH4BL hybrid black ribbon, AC power adapter with US and Europlug power cords, manual and quick start card.	1
TDP43M-RS	External label roll stand – used to rear feed labels that are supplied on 3.00" cores, such as photoluminescent tape.	1
TDP43M-CASE	Hardside carrying case. Accommodates printer, AC power adapter, ribbons, printer cable, labels and tools.	1
TDP43M-AC	Replacement AC power adapter with power cord (US cord only).	1
PTR-CLN	Printer cleaning kit – contains bottle of cleaning solution with MSDS, cleaning pen, swabs, alcohol wipes and cleaning instructions.	1

^WINDOWS is a registered trademark of Microsoft Corp. in the United States and/or other countries.

Ribbons for Use with the TDP43M Thermal Transfer Desktop Printer

- **Hybrid** – Recommended for use with self-laminating, heat shrink, component and non-laminated labels
- **Wax** – Recommended/preferred for use with self-laminating and non-laminated labels
- **Resin** – Recommended for use with component labels and continuous tape
- TDP43M ribbons are also compatible with *PANDUIT* PTR2/PTR2E thermal transfer desktop printers



Part Number	Part Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	ft	M		
RMH2BL	Black, hybrid thermal transfer ribbon. For use with self-laminating, component, heat shrink and non-laminated labels.	2.52	63.50	240.0	73.0	1	12
RMH4BL	Black, hybrid thermal transfer ribbon. For use with self-laminating, component, heat shrink and non-laminated labels.	4.33	110.00	240.0	73.0	1	12
RMW2BL	Black, wax thermal transfer ribbon. For use with self-laminating vinyl and non-laminated labels.	2.52	63.50	240.0	73.0	1	12
RMW4BL	Black, wax thermal transfer ribbon. For use with self-laminating and non-laminated labels.	4.33	110.00	240.0	73.0	1	12
RMR2BL	Black, resin thermal transfer ribbon. For use with component labels and continuous tape.	2.52	63.50	240.0	73.0	1	12
RMR2WH	White, resin thermal transfer ribbon. For use with component labels and continuous tape.	2.52	63.50	180.0	54.9	1	12
RMR4BL*	Black, resin thermal transfer ribbon. For use with component labels and continuous tape.	4.33	110.00	240.0	73.0	1	12

Order number of ribbons required.
*Other colors available, replace BL (Black) with WH (White), BU (Blue), GR (Green) or RD (Red).

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

TDP42H, TDP43H, TDP46H Thermal Transfer Desktop Printers

- Rugged, high speed industrial printer
- 203, 305 or 609 dpi thermal transfer printers create crisp, clear legends with superior legibility
- Up to 10.00" per second print speed for fast label production
- Use to print a wide variety of self-laminating labels, component labels, non-laminated labels, continuous tapes and heat shrink labels up to 4.00" wide
- *EASY-MARK*™ labeling software and hybrid ribbon included with printer
- Compatible with most standard PCs and *PANDUIT*® *EASY-MARK*™ or *PAN-MARK*® 2.5 for WINDOWS^ labeling software

Part Number	Part Description	Std. Pkg. Qty.
TDP42H	203 dpi printer for high volume applications, *PANDUIT*® *EASY-MARK*™ Labeling Software, RHH4BL-S hybrid black ribbon, AC power adapter and manual.	1
TDP43H	305 dpi printer for high volume applications, *PANDUIT*® *EASY-MARK*™ Labeling Software, RHH4BL-S hybrid black ribbon, AC power adapter and manual.	1
TDP46H	609 dpi printer for high volume applications, *PANDUIT*® *EASY-MARK*™ Labeling Software, RHH4BL-S hybrid black ribbon, AC power adapter and manual.	1

^WINDOWS is a registered trademark of Microsoft Corp. in the United States and/or other countries.

Ribbons for use with the TDP42H, TDP43H and TDP46H Thermal Transfer Desktop Printers

- **Hybrid –** Recommended for use with self-laminating, heat shrink, component and non-laminated labels
- **Wax –** Recommended/preferred for use with self-laminating and non-laminated labels
- **Resin –** Recommended for use with component labels and continuous tape
- TDP42H, TDP43H and TDP46H ribbons are also compatible with *PANDUIT* PTR3/PTR3E thermal transfer desktop printers

Part Number	Part Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	ft	M		
RHH4BL-S	Black, hybrid thermal transfer ribbon. Recommended for use with self-laminating, heat shrink, component and non-laminated labels.	4.33	109.98	1181.0	299.9	1	2
RHW4BL-S	Black, wax thermal transfer ribbon. Recommended for use with self-laminating and non-laminated labels.	4.33	109.98	1181.0	299.9	1	2
RHR4BL-S	Black, resin thermal transfer ribbon. Recommended for use with component labels and continuous tape.	4.33	109.98	1181.0	299.9	1	2

Order number of rolls required.
Ribbons are available for other thermal transfer desktop printers, add "-Z" in place of "-S".
-Z ribbons contain 984.0' of ribbon material.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Notes

LABELING SOFTWARE

PANDUIT labeling software is custom designed to address your requirements for wire/cable labeling, component identification, network administration, as well as, safety and facility identification. From control panel wire identification, terminal block and facility pipe marking to patch panel, faceplate and wire/cable marking, *PANDUIT* software is the solution for your on-demand identification requirements.

- ***EASY-MARK***™ **Labeling Software Version 3.0 is an easy-to-use, intuitive general purpose labeling software with market specific application tools**
- ***CAD-CONNECT***™ **Labeling Software generates labels quickly and easily directly from an electronic CAD file**
- ***PAN-MARK***® **2.5 for WINDOWS^ is a general purpose labeling software with advanced design features**
- ***SAFETY EASE***™ **software allows you to create your own safety signs, tags, voltage and pipe markers on-demand**

PANDUIT user-friendly software packages meet the unique requirements of your applications.

^WINDOWS is a registered trademark of Microsoft Corp. in the United States and other countries.

EASY-MARK™ Labeling Software Version 3.0

- *EASY-MARK*™ Labeling Software Version 3.0 simplifies label creation for the specific needs of your applications
- Intuitive interview process allows automatic generation of compliant labels and signs
- Software selects and formats the optimum label for your specific project
- **WYSIWYG** (What You See Is What You Get) user interface, alpha/numeric serialization, data import, symbol import
- *EASY-MARK*™ Labeling Software Version 3.0 is part of a complete line of innovative identification solutions from *PANDUIT*
- Supports most WINDOWS^ fonts drivers for standard thermal transfer, dot matrix, laser and ink jet, including *PANDUIT* thermal transfer printers

System Requirements:

- WINDOWS^ 98, 2000, NT4.x or XP; processor with 64MB hard drive space and 40MB RAM

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PROG-EMCD3	*EASY-MARK*™ labeling software version 3.0 supplied on CD-ROM.	1	10

^WINDOWS and EXCEL are registered trademarks of Microsoft Corp. in the United States and/or other countries.

CAD-CONNECT™ Labeling Software

- Generates labels quickly and easily directly from an electronic CAD file
- Eliminates steps and time spent manually copying CAD identifiers into labeling software
- Program combines the power of an innovative wizard interview and *EASY-MARK*™ Labeling Software to capture and organize identifiers from electronic CAD files to automatically create and print labels
- Compatible with AutoCAD* 2000i and Visio^ 2002 or newer versions of CAD
- Exports to alternative formats such as EXCEL (XLS) or Text (CSV) files for future use and documentation

System Requirements:

- WINDOWS^ 98, Me, 2000, NT4.x and XP; minimum 486 processor; minimum 32MB RAM; 64MB hard drive space

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PROG-CCCD	*CAD-CONNECT*™ labeling software, including *EASY-MARK*™ labeling software version 3.0, supplied on CD-ROM.	1	10

*AutoCAD is a registered trademark of Autodesk, Inc.
^Visio and WINDOWS are registered trademarks of Microsoft Corp. in the United States and/or other countries.

PAN-MARK® 2.5 for WINDOWS^ Labeling Software

- Create bar codes
- Date, time and data input fields
- Reduce time and errors by using ODBC (Open Data-Base Connectivity) to import data EXCEL^ (.XLS), ACCESS^ (.MDB) and text files (.TXT) directly onto *PAN-MARK*® label formats
- Graphics file import allows you to insert bitmap (.BMP) graphic images onto a label
- Image library of over 100 standard images for electrical, safety and network system applications
- All *PANDUIT* thermal transfer, dot-matrix, laser and ink jet label formats including *ULTIMATE ID*® are preloaded and ready to use
- Supports most WINDOWS^ printer drivers for standard thermal transfer, dot matrix, laser and ink jet, including *PANDUIT* thermal transfer printers
- Advanced alpha and numeric serialization speeds label creation by creating incremented legend lists automatically
- Uses full range of WINDOWS^ fonts including True Type* fonts

System Requirements:

- WINDOWS^ 95, 98, Me, 2000, NT 4.x, and XP; minimum 486 processor; minimum 8MB of RAM; 30 MB hard drive space

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PROG-WIN2CD	*PAN-MARK*® 2.5 for WINDOWS^ labeling software supplied on CD-ROM.	1	10

^WINDOWS, EXCEL and ACCESS are registered trademarks of Microsoft Corp. in the United States and/or other countries.
*True Type is a registered trademark of Apple Computing, Inc.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

SAFETY EASE™ Safety Sign Software

- Create lockout, facility and electrical signs and tags
- Create cost-effective English and Spanish signs and tags on your laser or ink jet printer
- Select from over 2,000 pre-defined safety and facility legends or create your own custom legend
- Safety symbols and spell check included

System Requirements:

- WINDOWS^ 3.1, 95, 98, Me, 2000, NT4.x and XP; 386 processor; minimum 8 MB of RAM; 5 MB hard drive space

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
SEZ-SN	*SAFETY EASE*™ safety sign software supplied on two 3.5" diskettes.	1	5

^WINDOWS is a registered trademark of Microsoft Corp. in the United States and/or other countries.

Pop up edit screen allows the user to quickly edit text, change headers and add pictographs.

Convenient category and message pull down menus allow user to choose from over 2,000 legends.

SAFETY EASE™ Marker and Tag Software

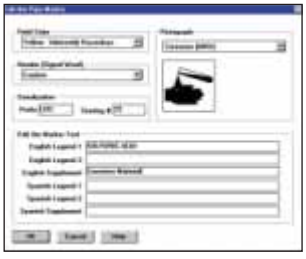
- Create electrical markers, pipe markers and tags
- Produce English, Spanish and bilingual electrical markers, tags and pipe markers with your own computer using *PANDUIT* thermal transfer printers and continuous vinyl tapes
- Select from over 500 defined ANSI, IIAR (Ammonia Refrigeration) and Medical Gas pipe marker legends or create your own custom legend in minutes
- Safety symbols, serialization and the ability to add additional information greatly enhance workplace safety, communication and training

System Requirements:

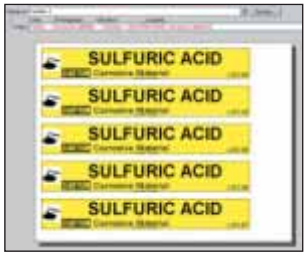
- WINDOWS^ 3.1, 95, 98, Me, 2000, NT4.x and XP; 386 processor or higher; minimum 8 MB of RAM; 5 MB hard drive space

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
SEZ-PM	*SAFETY EASE*™ Safety Ease pipe marker and tag software supplied on CD ROM.	1	5

^WINDOWS is a registered trademark of Microsoft Corp. in the United States and/or other countries.



Convenient category pull down menu allows user to choose from over 10 categories such as chemical, electrical, IIAR, etc. or create up to 5 custom categories.



Pull down menu allows user to identify key components such as color, pictograph, header (if applicable) and legend.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
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C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Notes

LABELS: LASER/INK JET, THERMAL TRANSFER AND DOT MATRIX

PANDUIT provides a full line of on-demand printable labels designed to meet all of your identification needs.

- Laser/ink jet labels are supplied on 8.50" x 11.00" sheets and can be printed in commercially available laser and ink jet printers not sold by *PANDUIT*
- Thermal transfer labels supplied on rolls offer crisp, clear legends with superior legibility and can be printed on *PANDUIT* thermal transfer desktop printers or commercially available models
- Dot matrix labels supplied on pin feed sheets are a high quality, economical solution and can be printed on commercially available dot matrix printers not sold by *PANDUIT*
- Size illustrations are provided for reference

PANDUIT labeling solutions meet customer needs at the lowest total installed cost.

Laser Printer

Ink Jet Printer

TDP43M Printer

TDP*H Series Printer

Dot Matrix Printer

Laser/Ink Jet Labels

Self-Laminating Labels

- Labels can be printed in both laser and ink jet printers
- Meets UL Standard 2043 suitable for use in air handling spaces
- Self-laminating labels include a colored print-on area and clear overlaminate to protect the legend for clear and durable identification
- Available in polyester material and supplied on 8.50" x 11.00" sheets
- *PANDUIT* labeling software packages include all label formats for quick and easy label production

Part Number System for Self-Laminating Labels

S	1	0	0	X	1	5	0	Y	A	J
Label Type	**Width (In.)**			**"X"**	**Length (In.)**			**Material**		**Print Method**
S = Self-Laminating Wire/Cable Label								YA = Polyester		J = Laser/Ink Jet

Material/Print Method Selection Guide

Material	Print Method	Temperature Range	Features
Self-Laminating Polyester, White Print-On (YA) Blue Print-On (YB) Green Print-On (YD) Red Print-On (YH) Yellow Print-On (YI)	Laser/Ink Jet (J)	0°F to 275°F (-18°C to 135°C)	Indoor/outdoor rated; provides durability, high temperature resistance and dimensional stability; does not stretch or easily tear; preferred material for wire/cable labeling.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Laser/Ink Jet Labels

Self-Laminating Labels (continued)

Part Number	Part Description	Width		Length		Print-On Height		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
S050X075YAJ	White print-on area, polyester label.	.50	12.70	.75	19.05	.25	6.35	.12	3.03	.16	4.04	5000	25000
S050X125YAJ	White print-on area, polyester label.	.50	12.70	1.25	31.75	.38	9.65	.12	3.03	.28	7.03	5000	25000
S050X150YAJ	White print-on area, polyester label.	.50	12.70	1.50	38.10	.50	12.70	.16	4.07	.32	8.09	5000	25000
S100X075YAJ	White print-on area, polyester label.	1.00	25.40	.75	19.05	.25	6.35	.08	2.02	.16	4.07	2500	10000
S100X125YAJ	White print-on area, polyester label.	1.00	25.40	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	2500	10000
S100X150YAJ	White print-on area, polyester label.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	2500	10000
S100X150YBJ	Blue print-on area, polyester label.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	2500	10000
S100X150YDJ	Green print-on area, polyester label.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	2500	10000
S100X150YHJ	Red print-on area, polyester label.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	2500	10000
S100X150YIJ	Yellow print-on area, polyester label.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	2500	10000
S100X225YAJ	White print-on area, polyester label.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1000	5000
S100X225YBJ	Blue print-on area, polyester label.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1000	5000
S100X225YDJ	Green print-on area, polyester label.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1000	5000
S100X225YHJ	Red print-on area, polyester label.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1000	5000
S100X225YIJ	Yellow print-on area, polyester label.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1000	5000
S100X400YAJ	White print-on area, polyester label.	1.00	25.40	4.00	101.60	1.00	25.40	.32	8.09	.95	24.26	1000	5000
S100X650YAJ	White print-on area, polyester label.	1.00	25.40	6.50	165.10	1.50	38.10	.48	12.13	1.59	40.43	1000	5000
S200X225YAJ	White print-on area, polyester label.	2.00	50.80	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1000	5000
S200X400YAJ	White print-on area, polyester label.	2.00	50.80	4.00	101.60	1.00	25.40	.32	8.09	.95	24.26	1000	5000
S200X650YAJ	White print-on area, polyester label.	2.00	50.80	6.50	165.10	1.50	38.10	.48	12.13	1.59	40.43	500	2500

Order number of labels required in multiples of Std. Pkg. Qty.

Laser/Ink Jet Labels

Non-Laminated Labels

- Labels can be printed in both laser/ink jet printers
- Use as a wrap around label or flag style labels for wire/cable labeling
- Available in polyolefin material and supplied on 8.50" x 11.00" sheets
- *PANDUIT* labeling software packages include all label formats for quick and easy label production

Part Number System for Non-Laminated Labels

N	1	0	0	X	1	5	0	F	J	J
Label Type	**Width (In.)**			**"X"**	**Length (In.)**			**Material**		**Print Method**
N = Non-Laminated Wire/Cable Label								FJ = Polyolefin		J = Laser/Ink Jet

Material/Print Method Selection Guide

Material	Print Method	Temperature Range	Features
Polyolefin, White (FJ)	Laser/Ink Jet (J)	-50°F to 120°F (-46°C to 49°C)	Indoor/outdoor rated; thin conformable material for general identification; excellent print quality.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Laser/Ink Jet Labels

Non-Laminated Labels (continued)

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm		
N025X125FJJ	White, polyolefin label.	.25	6.35	1.25	31.75	.40	10.16	.85	21.95	10000	50000
N050X075FJJ	White, polyolefin label.	.50	12.70	.75	19.05	.24	6.10	.51	12.95	10000	50000
N050X125FJJ	White, polyolefin label.	.50	12.70	1.25	31.75	.40	10.16	.85	21.59	10000	50000
N050X150FJJ	White, polyolefin label.	.50	12.70	1.50	38.10	.48	12.19	1.02	25.91	5000	25000
N100X075FJJ	White, polyolefin label.	1.00	25.40	.75	19.05	.24	6.10	.51	12.95	5000	25000
N100X125FJJ	White, polyolefin label.	1.00	25.40	1.25	31.75	.40	10.16	.85	21.95	5000	25000
N100X150FJJ	White, polyolefin label.	1.00	25.40	1.50	38.10	.48	12.19	1.02	25.91	2500	10000

Order number of labels required in multiples of Std. Pkg. Qty.

Flag Style Labels

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm		
N050X150FJJ	White, polyolefin label.	.50	12.70	1.50	38.10	.06	1.52	.15	3.81	5000	25000
N100X150FJJ	White, polyolefin label.	1.00	25.40	1.50	38.10	.12	3.05	.22	5.58	2500	10000

Order number of labels required in multiples of Std. Pkg. Qty.

Laser/Ink Jet Labels

Component Labels

- Labels can be printed in both laser and ink jet printers
- Available in polyester and polyolefin materials; non-adhesive labels available in polyester material and supplied on 8.50" x 11.00" sheets
- *PANDUIT* labeling software packages include all label formats for quick and easy label production

Part Number System for Component Labels

C	1	0	0	X	0	5	0	Y	J	J
Label Type	**Width (In.)**			**"X"**	**Height (In.)**			**Material**		**Print Method**
C = Component Label								FJ = Polyolefin YJ = Polyester		J = Laser/Ink Jet

Material/Print Method Selection Guide

Material	Print Method	Temperature Range	Features
Polyester, White (YJ) Yellow (YL)	Laser/Ink Jet (J)	0°F to 275°F (-18°C to 135°C)	Indoor/outdoor rated; provides durability, high temperature resistance and dimensional stability. Does not stretch or easily tear.
Polyolefin, White (FJ)		-50°F to 120°F (-46°C to 49°C)	Indoor/outdoor rated; thin conformable material for general identification; excellent print quality.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Laser/Ink Jet Labels

Component Labels (continued)

Part Number	Part Description	Width		Height		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm		
C038X038YJJ	White, polyester label.	.38	9.65	.38	9.65	10000	50000
C038X038YLJ	Yellow, polyester label.	.38	9.65	.38	9.65	10000	50000
C050X044YJJ	White, polyester label.	.50	12.70	.44	11.18	10000	50000
C060X020YJJ	White, polyester label.	.60	15.24	.20	5.08	10000	50000
C075X025YJJ	White, polyester label.	.75	19.05	.25	6.35	10000	50000
C075X025YLJ	Yellow, polyester label.	.75	19.05	.25	6.35	10000	50000
C080X020YJJ	White, polyester label.	.80	20.32	.20	5.08	10000	50000
C100X025YJJ	White, polyester label.	1.00	25.40	.25	6.35	10000	50000
C100X050YJJ	White, polyester label.	1.00	25.40	.50	12.70	10000	50000
C100X050YLJ	Yellow, polyester label.	1.00	25.40	.50	12.70	5000	25000
C150X075YJJ	White, polyester label.	1.50	38.10	.75	19.05	2500	12500
C160X020YJJ	White, polyester label.	1.60	40.64	.20	5.08	5000	20000
C200X050YJJ	White, polyester label.	2.00	50.80	.50	12.70	1000	5000
C200X100FJJ	White, polyolefin label, SLCT.	2.00	50.80	1.00	25.40	1000	5000
C200X100YJJ	White, polyester label.	2.00	50.80	1.00	25.40	1000	5000
C200X100YLJ	Yellow, polyester label.	2.00	50.80	1.00	25.40	1000	5000
C225X450FJJ	White, polyolefin label.	2.25	57.15	4.50	114.30	150	750
C350X500FJJ	White, polyolefin label.	3.50	88.90	5.00	127.00	100	500
C400X100YJJ	White, polyester label.	4.00	101.60	1.00	25.40	1000	5000
C400X200YJJ	White, polyester label.	4.00	101.60	2.00	50.80	1000	5000
C400X400YJJ	White, polyester label.	4.00	101.60	4.00	101.60	1000	5000
C500X700FJJ	White, polyolefin label.	5.00	127.00	7.00	177.80	50	250
C850X1100YJJ	White, polyester label.	8.50	215.90	11.00	279.40	25	100
C850X1100YLJ	Yellow, polyester label.	8.50	215.90	11.00	279.40	25	100

Order number of labels required in multiples of Std. Pkg. Qty.

Thermal Transfer Labels

Self-Laminating Labels

- Labels offer crisp, clear legends with superior legibility
- Meets UL Standard 2043 suitable for use in air handling spaces
- Self-laminating labels supplied on rolls, include a colored print-on area and clear overlaminate to protect the legend for clear and durable identification
- *PANDUIT* labeling software packages include all label formats for quick and easy label production

Part Number System for Self-Laminating Labels

S	1	0	0	X	1	5	0	V	A	1

Label Type

S = Self-Laminating Wire/Cable Label

Width (In.)

"X"

Length (In.)

Material

TA = Tedlar‡

VA = Vinyl

Print Method

1 = Thermal Transfer, 1.00" Core

T = Thermal Transfer, 3.00" Core

Material/Print Method Selection Guide

Material	Print Method	Temperature Range	Features
Self-Laminating Tedlar‡, White Print-On (TA)	Thermal Transfer (1)	-40°F to 275°F (-40°C to 135°C)	Indoor/outdoor rated; self-extinguishing; ideal for wire/cable labeling in harsh environments.
Self-Laminating Vinyl, White Print-On (VA)	Thermal Transfer (T)	-40°F to 200°F (-40°C to 93°C)	Indoor/outdoor rated; thin and conformable; preferred material for most general wire/cable labeling.

‡Tedlar is a registered trademark of E. I. DuPont de Nemours Co.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Thermal Transfer Labels

Self-Laminating Labels (continued)

Part Number	Part Description	Width		Length		Print-On Height		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	In	mm		
S050X075VA1Y	White print-on area, vinyl label.	.50	12.70	.75	19.05	.25	6.35	.12	3.07	.16	4.04	5000	20000
S050X075VATY*	White print-on area, vinyl label.	.50	12.70	.75	19.05	.25	6.35	.12	3.07	.16	4.04	5000	40000
S050X125VA1Y	White print-on area, vinyl label.	.50	12.70	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	5000	20000
S050X125VATY*	White print-on area, vinyl label.	.50	12.70	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	5000	10000
S050X150VA1Y	White print-on area, vinyl label.	.50	12.70	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	5000	60000
S050X150VATY*	White print-on area, vinyl label.	.50	12.70	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	5000	40000
S100X075TAT*	White print-on area, Tedlar‡ label.	1.00	25.40	.75	19.05	.25	6.35	.08	2.02	.16	4.04	2500	10000
S100X075VA1Y	White print-on area, vinyl label.	1.00	25.40	.75	19.05	.25	6.35	.08	2.02	.16	4.04	2500	10000
S100X075VATY*	White print-on area, vinyl label.	1.00	25.40	.75	19.05	.25	6.35	.08	2.02	.16	4.04	5000	10000
S100X125TAT*	White print-on area, Tedlar‡ label.	1.00	25.40	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	2500	10000
S100X125VA1Y	White print-on area, vinyl label	1.00	25.40	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	2500	10000
S100X125VATY*	White print-on area, vinyl label.	1.00	25.40	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	5000	10000
S100X150TAT	White print-on area, Tedlar‡ label.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	2500	10000
S100X150VA1Y	White print-on area, vinyl label.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	2500	30000
S100X150VATY*	White print-on area, vinyl label.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	5000	20000
S100X225TAT	White print-on area, Tedlar‡ label.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1500	6000
S100X225VA1Y	White print-on area, vinyl label.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1500	18000
S100X225VATY*	White print-on area, vinyl label.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	5000	20000
S100X400VA1Y	White print-on area, vinyl label.	1.00	25.40	4.00	101.60	1.00	25.40	.32	8.09	.48	24.26	1000	4000
S100X400VATY*	White print-on area, vinyl label.	1.00	25.40	4.00	101.60	1.00	25.40	.32	8.09	.95	24.26	2500	12500
S100X650VA1Y	White print-on area, vinyl label.	1.00	25.40	6.50	165.10	1.50	38.10	.48	12.13	.95	40.43	250	1000
S100X650VATY*	White print-on area, vinyl label.	1.00	25.40	6.50	165.10	1.50	38.10	.48	12.13	1.59	40.43	1000	2000
S200X225VA1Y	White print-on area, vinyl label.	2.00	50.80	2.25	57.15	.75	19.05	.24	6.06	1.59	12.13	500	2000
S200X225VATY*	White print-on area, vinyl label.	2.00	50.80	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1000	4000
S200X400TAT*	White print-on area, Tedlar‡ label.	2.00	50.80	4.00	101.60	1.00	25.40	.32	8.09	.48	24.26	500	2000
S200X400VA1Y	White print-on area, vinyl label.	2.00	50.80	4.00	101.60	1.00	25.40	.32	8.09	.95	24.26	500	2000
S200X400VATY*	White print-on area, vinyl label.	2.00	50.80	4.00	101.60	1.00	25.40	.32	8.09	.95	24.26	1000	3000
S200X650VA1Y	White print-on area, vinyl label.	2.00	50.80	6.50	165.10	1.50	38.10	.48	12.13	.95	40.43	250	1000
S200X650VATY*	White print-on area, vinyl label.	2.00	50.80	6.50	165.10	1.50	38.10	.48	12.13	1.59	40.43	1000	2000

Order number of labels required in multiples of Std. Pkg. Qty.
Use with *PANDUIT* thermal transfer hybrid or wax ribbons found on page E1.19.
*Labels are roll mounted on 3.00" cores; when using the TDP43M printer and 3.00" cores, the roll stand (TDP43M-RS) is required.
‡Tedlar is a registered trademark of E. I. DuPont de Nemours Co.

Thermal Transfer Labels

Non-Laminated Labels

- Labels offer crisp, clear legends with superior legibility
- Use as a wrap around label or flag style marker for wire/cable labeling
- Available in vinyl cloth material for long-term or temporary labeling and supplied on rolls
- Designed for use with thermal transfer desktop printers including the TDP43M
- *PANDUIT* labeling software packages include all label formats for quick and easy label production

Part Number System for Non-Laminated Labels

N	1	0	0	X	1	5	0	C	B	T
Label Type	**Width (In.)**			**"X"**	**Length (In.)**			**Material**		**Print Method**
N = Non-Laminated Wire/Cable Label								CB = Vinyl Cloth		T = Thermal Transfer, 3.00" Core

Material/Print Method Selection Guide

Material	Print Method	Temperature Range	Features
Vinyl Cloth, White (CB)	Thermal Transfer (T)	-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surfaces; resists oil and abrasion.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Thermal Transfer Labels

Non-Laminated Labels (continued)

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm		
N025X075CBT	White, vinyl cloth label.	.25	6.35	.75	19.05	.24	6.10	.51	12.95	10000	40000
N025X125CBT	White, vinyl cloth label.	.25	6.35	1.25	31.75	.40	10.16	.85	21.59	10000	40000
N025X150CBT	White, vinyl cloth label.	.25	6.35	1.50	38.10	.48	12.19	1.02	25.91	2500	10000
N025X175CBT	White, vinyl cloth label.	.25	6.35	1.75	44.45	.56	14.22	1.19	30.23	10000	40000
N050X075CBT	White, vinyl cloth label.	.50	12.70	.75	19.05	.24	6.10	.51	12.95	10000	40000
N050X125CBT	White, vinyl cloth label.	.50	12.70	1.25	31.75	.40	10.16	.85	21.59	10000	40000
N050X150CBT	White, vinyl cloth label.	.50	12.70	1.50	38.10	.48	12.19	1.02	25.91	2500	10000
N050X175CBT	White, vinyl cloth label.	.50	12.70	1.75	44.45	.56	14.12	1.19	30.23	2500	10000
N100X075CBT	White, vinyl cloth label.	1.00	25.40	.75	19.05	.24	6.10	.51	12.95	10000	40000
N100X125CBT	White, vinyl cloth label.	1.00	25.40	1.25	31.75	.40	10.16	.85	21.59	5000	20000
N100X150CBT	White, vinyl cloth label.	1.00	25.40	1.50	38.10	.48	12.19	1.02	25.91	5000	20000
N100X175CBT	White, vinyl cloth label.	1.00	25.40	1.75	44.45	.56	14.22	1.19	30.23	2500	10000

Order number of labels required in multiples of Std. Pkg. Qty.
Use with *PANDUIT* thermal transfer hybrid or wax ribbons found on page E1.19.
Labels roll mounted on 3.00" cores; when using the TDP43M printer and 3.00" cores, the roll stand (TDP43M-RS) is required.

Flag Style Labels

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In	mm	In	mm	In	mm	In	mm		
N025X150CBT	White, vinyl cloth label.	.25	6.35	1.50	38.10	.06	1.52	.15	3.81	2500	10000
N050X150CBT	White, vinyl cloth label.	.50	12.70	1.50	38.10	.06	1.52	.15	3.81	2500	10000
N100X150CBT	White, vinyl cloth label.	1.00	25.40	1.50	38.10	.06	1.52	.15	3.81	5000	20000
N025X175CBT	White, vinyl cloth label.	.25	6.35	1.75	44.45	.12	3.05	.22	5.58	10000	40000
N050X175CBT	White, vinyl cloth label.	.50	12.70	1.75	44.45	.12	3.05	.22	5.58	2500	10000
N100X175CBT	White, vinyl cloth label.	1.00	25.40	1.75	44.45	.12	3.05	.22	5.58	2500	10000

Order number of labels required in multiples of Std. Pkg. Qty.
Use with *PANDUIT* thermal transfer hybrid or wax ribbons found on page E1.19.
Labels roll mounted on 3.00" cores; when using the TDP43M printer and 3.00" cores, the roll stand (TDP43M-RS) is required.

Thermal Transfer Labels

Heat Shrink Labels

- Labels offer crisp, clear legends with superior legibility
- Meets UL Standard 224 for flammability and UL Standard 2043 suitable for use in air handling spaces
- Shrink ratio 3:1
- Pre-cut flattened polyolefin is both thermal transfer and dot matrix printable and supplied roll mounted on plastic carrier
- *PANDUIT* labeling software packages include all label formats for quick and easy label production

Part Number System for Heat Shrink Labels

H	1	0	0	X	0	4	4	F	1	T
Label Type	**Width (In.)**			**"X"**	**Length (In.)**			**Material**		**Print Method**
H = Heat Shrink Wire/Cable Label								F1 = Heat Shrinkable Polyolefin		T = Thermal Transfer, 3.00" Cores

Material/Print Method Selection Guide

Material	Print Method	Temperature Range	Features
Heat Shrinkable Polyolefin, White (F1) Yellow (F2)	Thermal Transfer (T)	-22°F to 220°F (-30°C to 105°C)	Durable flattened polyolefin, high quality heat shrink wire/cable labels.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Thermal Transfer Labels

Heat Shrink Labels (continued)

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	
H050X025F1T	White, 1/8" diameter polyolefin, 2000/roll.	.50	12.70	.25	6.35	.04	1.02	.13	3.30	1
H050X025F1T-B	White, 1/8" diameter polyolefin, 10000/roll.	.50	12.70	.25	6.35	.04	1.02	.13	3.30	1
H050X025F2T	Yellow, 1/8" diameter polyolefin, 2000/roll.	.50	12.70	.25	6.35	.04	1.02	.13	3.30	1
H050X034F1T	White, 3/16" diameter polyolefin, 2000/roll.	.50	12.70	.34	8.64	.06	1.52	.19	4.83	1
H050X034F1T-B	White, 3/16" diameter polyolefin, 10000/roll.	.50	12.70	.34	8.64	.06	1.52	.19	4.83	1
H050X034F2T	Yellow, 3/16" diameter polyolefin, 2000/roll.	.50	12.70	.34	8.64	.06	1.52	.19	4.83	1
H050X044F1T	White, 1/4" diameter polyolefin, 2000/roll.	.50	12.70	.44	11.18	.08	2.03	.25	6.35	1
H050X044F1T-B	White, 1/4" diameter polyolefin, 10000/roll.	.50	12.70	.44	11.18	.08	2.03	.25	6.35	1
H050X044F2T	Yellow, 1/4" diameter polyolefin, 2000/roll.	.50	12.70	.44	11.18	.08	2.03	.25	6.35	1
H050X064F1T	White, 3/8" diameter polyolefin, 2000/roll.	.50	12.70	.64	16.26	.16	4.06	.38	9.65	1
H050X064F1T-B	White, 3/8" diameter polyolefin, 10000/roll.	.50	12.70	.64	16.26	.16	4.06	.38	9.65	1
H075X025F1T	White, 1/8" diameter polyolefin, 1000/roll.	.75	19.05	.25	6.35	.04	1.02	.13	3.30	1
H075X034F1T	White, 3/16" diameter polyolefin, 1000/roll.	.75	19.05	.34	8.64	.06	1.52	.19	4.57	1
H075X044F1T	White, 1/4" diameter polyolefin, 1000/roll.	.75	19.05	.44	11.18	.08	2.03	.25	6.35	1
H100X025F1T	White, 1/8" diameter polyolefin, 1000/roll.	1.00	25.40	.25	6.35	.04	1.02	.13	3.30	1
H100X025F1T-B	White, 1/8" diameter polyolefin, 5000/roll.	1.00	25.40	.25	6.35	.04	1.02	.13	3.30	1
H100X025F2T	Yellow, 1/8" diameter polyolefin, 1000/roll.	1.00	25.40	.25	6.35	.04	1.02	.13	3.30	1
H100X034F1T	White, 3/16" diameter polyolefin, 1000/roll.	1.00	25.40	.34	8.64	.06	1.52	.19	4.83	1
H100X034F1T-B	White, 3/16" diameter polyolefin, 5000/roll.	1.00	25.40	.34	8.64	.06	1.52	.19	4.83	1
H100X034F2T	Yellow, 3/16" diameter polyolefin, 1000/roll.	1.00	25.40	.34	8.64	.04	1.02	.19	4.83	1
H100X044F1T	White, 1/4" diameter polyolefin, 1000/roll.	1.00	25.40	.44	11.18	.08	2.03	.25	6.35	1
H100X044F1T-B	White, 1/4" diameter polyolefin, 5000/roll.	1.00	25.40	.44	11.18	.08	2.03	.25	6.35	1
H100X044F2T	Yellow, 1/4" diameter polyolefin, 1000/roll.	1.00	25.40	.44	11.18	.08	2.03	.25	6.35	1
H100X064F1T	White, 3/8" diameter polyolefin, 1000/roll.	1.00	25.40	.64	16.26	.13	3.30	.38	9.65	1
H100X064F1T-B	White, 3/8" diameter polyolefin, 5000/roll.	1.00	25.40	.64	16.26	.13	3.30	.38	9.65	1
H100X084F1T	White, 1/2" diameter polyolefin, 1000/roll.	1.00	25.40	.84	21.34	.17	4.32	.50	12.70	1
H100X084F2T	Yellow, 1/2" diameter polyolefin, 1000/roll.	1.00	25.40	.84	21.34	.17	4.32	.50	12.70	1
H100X165F1T	White, 1" diameter polyolefin, 500/roll.	1.00	25.40	1.65	41.91	.33	8.38	1.00	25.40	1
H100X165F2T	Yellow, 1" diameter polyolefin, 500/roll.	1.00	25.40	1.65	41.91	.33	8.38	1.00	25.40	1

Order number of rolls required.
Use with *PANDUIT* thermal transfer ribbons found on page E1.19.
Labels roll mounted on 3.00" cores; when using the TDP43M printer and 3.00" cores, the roll stand (TDP43M-RS) is required.

Thermal Transfer Labels

Heat Shrink Labels (continued)

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	
H150X025F1T	White, 1/8" diameter polyolefin, 500/roll.	1.50	38.10	.25	6.35	.04	1.02	.13	3.30	1
H150X034F1T	White, 3/16" diameter polyolefin, 500/roll.	1.50	38.10	.34	8.64	.06	1.52	.19	4.83	1
H150X044F1T	White, 1/4" diameter polyolefin, 500/roll.	1.50	38.10	.44	11.18	.08	2.03	.25	6.35	1
H200X025F1T	White, 1/8" diameter polyolefin, 500/roll.	2.00	50.80	.25	6.35	.04	1.02	.13	3.30	1
H200X025F1T-B	White, 1/8" diameter polyolefin, 2500/roll.	2.00	50.80	.25	6.35	.04	1.02	.13	3.20	1
H200X025F2T	Yellow, 1/8" diameter polyolefin, 500/roll.	2.00	50.80	.25	6.35	.04	1.02	.13	3.20	1
H200X034F1T	White, 3/16" diameter polyolefin, 500/roll.	2.00	50.80	.34	8.64	.06	1.52	.19	4.83	1
H200X034F1T-B	White, 3/16" diameter polyolefin, 2500/roll.	2.00	50.80	.34	8.64	.06	1.52	.19	4.80	1
H200X034F2T	Yellow, 3/16" diameter polyolefin, 500/roll.	2.00	50.80	.34	8.61	.04	1.02	.19	4.80	1
H200X044F1T	White, 1/4" diameter polyolefin, 500/roll.	2.00	50.80	.44	11.18	.08	2.03	.25	6.35	1
H200X044F1T-B	White, 1/4" diameter polyolefin, 2500/roll.	2.00	50.80	.44	11.18	.08	2.03	.25	6.35	1
H200X044F2T	Yellow, 1/4" diameter polyolefin, 500/roll.	2.00	50.80	.44	11.18	.08	2.03	.25	6.35	1
H200X064F1T	White, 3/8" diameter polyolefin, 500/roll.	2.00	50.80	.64	16.26	.13	3.30	.38	9.65	1
H200X064F1T-B	White, 3/8" diameter polyolefin, 2500/roll.	2.00	50.80	.64	16.26	.13	3.30	.38	9.65	1
H200X084F1T	White, 1/2" diameter polyolefin, 500/roll.	2.00	50.80	.84	21.34	.17	4.32	.50	12.70	1
H200X084F2T	Yellow, 1/2" diameter polyolefin, 500/roll.	2.00	50.80	.84	21.34	.17	4.32	.50	12.70	1
H200X165F1T	White, 1" diameter polyolefin, 250/roll.	2.00	50.80	1.65	41.91	.33	8.38	1.00	25.40	1
H200X165F2T	Yellow, 1" diameter polyolefin, 250/roll.	2.00	50.80	1.65	41.91	.33	8.38	1.00	25.40	1

Order number of rolls required.
Use with *PANDUIT* thermal transfer ribbons found on page E1.19.
Labels roll mounted on 3.00" cores; when using the TDP43M printer and 3.00" cores, the roll stand (TDP43M-RS) is required.

Heat Shrink Tools and Accessories

- Adjustable air intake regulator provides variable temperature adjustment within the units rated heat range
- Toggle type control switch provides hot/cold/off operation
- Replaceable brushes are easy to service and extend the operating life of the gun
- Unique suspended quick change heating element design prolongs life and eases servicing

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
HSG-115V-650	Heat gun with temperature range of 650°F (344°C) to 900°F (482°C).	1	—
HSG-A1	Shrink tube reflector for tubing up to 3/4" inside diameter. Directs heat around tubing to reduce shrink time.	1	10
HSG-A2	Shrink tube reflector for tubing up to 1-1/2" inside diameter. Directs heat around tubing to reduce shrink time.	1	10
HSG-A3	Shrink tube concentrator. Directs heat toward tubing and away from heat sensitive items.	1	10
HSG-A4	Black polyethylene case stores heat gun, stand and all three accessories.	1	—
HSG-P1	Replacement Brush / Spring Kit.	1	5
HSG-P2	Replacement Switch 20 AMP.	1	5
HSG-P3	Replacement Bearing Kit.	1	5
HSG-P7	Replacement Heat Element 650°F.	1	—

Thermal Transfer Labels

Component Labels

- Labels offer crisp, clear legends with superior legibility
- Available in polyester, vinyl cloth and polyimide materials and supplied on rolls
- Designed for use with thermal transfer desktop printers, including the TDP43M and TDP42H printers
- *PANDUIT* labeling software packages include all label formats for quick and easy label production

Part Number System for Component Labels

C	1	0	0	X	0	5	0	Y	J	T

Label Type
C = Component Label

Width (In.)

"X"

Height (In.)

Material
YJ = Polyester
PB = Paper
KB = Polyimide
TJ = Tedlar
CB = Vinyl Cloth

Print Method
T = Thermal Transfer, 3.00" Core

Material/Print Method Selection Guide

Material	Print Method	Temperature Range	Features
Polyester, White (YJ)	Thermal Transfer (T)	-40°F to 302°F (-40°C to 150°C)	Indoor/outdoor rated; provides durability, high temperature resistance and dimensional stability; does not stretch or easily tear.
Paper, White (PB)		-65°F to 200°F (-54°C to 93°C)	Indoor rated; general purpose material; excellent adhesion properties when applied to a clean dry surface.
Polyimide, White (KB) •		-40°F to 350°F (-40°C to 177°C)	Indoor rated; ideal for electronic components and internal circuitry applications; material is intended for applications requiring requiring solvent and high temperature resistance performance, such as the wave solder process.
Tedlar‡, White (TJ) •		-40°F to 225°F (-40°C to 106°C)	Indoor/outdoor rated; self-extinguishing. Ideal for component labeling in harsh environments.
Vinyl Cloth, White (CB)		-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surfaces; resists oil and abrasion.

‡Tedlar is a registered trademark of E. I. DuPont de Nemours Co.
•Not Underwriters Laboratories recognized.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Thermal Transfer Labels

Component Labels (continued)

Part Number	Part Description	Width		Height		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm		
C025X025KBT	White, polyimide label.	.25	6.35	.25	6.35	10000	40000
C025X025YJT	White, polyester label.	.25	6.35	.25	6.35	10000	40000
C038X038KBT	White, polyimide label.	.38	9.65	.38	9.65	10000	40000
C038X038YJT	White, polyester label.	.38	9.65	.38	9.65	10000	40000
C050X044CBT	White, vinyl cloth label.	.50	12.70	.44	11.18	10000	40000
C050X044KBT	White, polyimide label.	.50	12.70	.44	11.18	10000	40000
C050X044YJT	White, polyester label.	.50	12.70	.44	11.18	10000	40000
C060X020CBT	White, vinyl cloth label.	.60	15.24	.20	5.08	10000	40000
C060X020KBT	White, polyimide label.	.60	15.24	.20	5.08	10000	40000
C060X020TJT	White, Tedlar‡ label.	.60	15.24	.20	5.08	10000	40000
C060X020YJT	White, polyester label.	.60	15.24	.20	5.08	10000	40000
C075X025CBT	White, vinyl cloth label.	.75	19.05	.25	6.35	10000	40000
C075X025KBT	White, polyimide label.	.75	19.05	.25	6.35	10000	40000
C075X025YJT	White, polyester label.	.75	19.05	.25	6.35	10000	40000
C100X025CBT	White, vinyl cloth label.	1.00	25.40	.25	6.35	10000	40000
C080X020YJT	White, polyester label.	.80	20.32	.20	5.08	10000	40000
C080X020KBT	White, polyimide label.	.80	20.32	.20	5.08	10000	40000
C100X025KBT	White, polyimide label.	1.00	25.40	.25	6.35	10000	40000
C100X025YJT	White, polyester label.	1.00	25.40	.25	6.35	10000	40000
C100X050CBT	White, vinyl cloth label.	1.00	25.40	.50	12.70	10000	40000
C100X050YJT	White, polyester label.	1.00	25.40	.50	12.70	10000	40000
C150X075YJT	White, polyester label.	1.50	38.10	.75	19.05	5000	20000
C160X020CBT	White, vinyl cloth label.	1.60	40.64	.20	5.08	10000	40000
C160X020KBT	White, polyimide label.	1.60	40.64	.20	5.08	10000	40000
C160X020YJT	White, polyester label.	1.60	40.64	.20	5.08	10000	40000
C200X050CBT	White, vinyl cloth label.	2.00	50.80	.50	12.70	5000	20000
C200X050YJT	White, polyester label.	2.00	50.80	.50	12.70	5000	20000
C200X100YJT	White, polyester label.	2.00	50.80	1.00	25.40	2500	10000
C400X100CBT	White, vinyl cloth label.	4.00	101.60	1.00	25.40	2500	10000
C400X100YJT	White, polyester label.	4.00	101.60	1.00	25.40	2500	10000
C400X200YJT	White, polyester label.	4.00	101.60	2.00	50.80	1000	4000
C400X400YJT	White, polyester label.	4.00	101.60	4.00	101.60	1000	4000
C400X600PBT	White, paper label.	4.00	101.60	6.00	152.40	1000	4000
C400X600YJT	White, polyester label.	4.00	101.60	6.00	152.40	1000	4000

‡Tedlar is a registered trademark of E. I. DuPont de Nemours Co.
Order number of labels required in multiples of Std. Pkg. Qty.
Use with *PANDUIT* thermal transfer ribbons found on page E1.19.
Labels roll mounted on 3.00" cores; when using the TDP43M printer and 3.00" cores, the roll stand (TDP43M-RS) is required.

Thermal Transfer Tapes

Continuous Tapes

- Tapes offer crisp, clear legends with superior legibility
- Available in continuous vinyl or polyester and supplied on rolls
- *PANDUIT* labeling software packages include all label formats for quick and easy label production

Part Number System for Continuous Tapes

T	4	0	0	X	0	0	0	V	X	1
Label Type	Width (In.)			"X"	Length (ft.)			Material		Print Method

Label Type

T = Continuous Tape

Width (In.)

"X"

Length (ft.)

Material

YK = Polyester
Y2 = Photoluminescent Polyester
FJ = Polyolefin
VX = Vinyl

Print Method

1 = Thermal Transfer, 1.00" cores
T = Thermal Transfer, 3.00" cores

Material/Print Method Selection Guide

Material	Print Method	Temperature Range	Features
Polyester, Clear (YK)	Thermal Transfer (T)	-40°F to 257°F (-40°C to 125°C)	Indoor/outdoor rated; provides durability, high temperature resistance and dimensional stability; does not stretch or easily tear.
Polyester, Photoluminescent (Y2)		-40°F to 230°F (4.4°C to 110°C)	Indoor rated; provides durability, high temperature resistance and dimensional stability; does not stretch or easily tear; After power is lost, material emits glow that is clearly visible for up to 10 hours.
Vinyl, Yellow (VX) Black (VY) Blue (VQ) Brown (VR) Gray (VT) Green (VS) Orange (VU) Purple (VV) Red (VW) White (VP)		-40°F to 200°F (40°C to 93°C)	Indoor/outdoor rated; conformable material for flat applications and safety and facility identification; can be overlaminated to increase durability.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Thermal Transfer Tapes

Continuous Tapes (continued)

Part Number	Part Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	ft.	M		
T024X000FJT	White, polyolefin tape.	.24	6.10	100.0	30.5	1	10
T031X000FJT	White, polyolefin tape.	.31	7.87	100.0	30.5	1	10
T038X000FJT	White, polyolefin tape.	.38	9.65	100.0	30.5	1	10
T050X000FJT	White, polyolefin tape.	.50	12.70	100.0	30.5	1	10
T200X000VP1Y	White, vinyl tape.	2.00	50.80	100.0	30.5	1	4
T200X000VQ1Y	Blue, vinyl tape.	2.00	50.80	100.0	30.5	1	4
T200X000VR1Y	Brown, vinyl tape.	2.00	50.80	100.0	30.5	1	4
T200X000VS1Y	Green, vinyl tape.	2.00	50.80	100.0	30.5	1	4
T200X000VT1Y	Gray, vinyl tape.	2.00	50.80	100.0	30.5	1	4
T200X000VU1Y	Orange, vinyl tape.	2.00	50.80	100.0	30.5	1	4
T200X000VV1Y	Purple, vinyl tape.	2.00	50.80	100.0	30.5	1	4
T200X000VW1Y	Red, vinyl tape.	2.00	50.80	100.0	30.5	1	4
T200X000VX1Y	Yellow, vinyl tape.	2.00	50.80	100.0	30.5	1	4
T200X000VY1Y	Black, vinyl tape.	2.00	50.80	100.0	30.5	1	4
T200X000Y2T‡	Photoluminescent, polyester tape.	2.00	50.80	15.0	4.5	1	4
T200X000YK1	Clear, polyester tape.	2.00	50.80	100.0	30.5	1	4
T225X000YK1	Clear, polyester tape.	2.25	57.15	100.0	30.5	1	4
T400X000VP1Y	White, vinyl tape.	4.00	101.60	100.0	30.5	1	4
T400X000VQ1Y	Blue, vinyl tape.	4.00	101.60	100.0	30.5	1	4
T400X000VR1Y	Brown, vinyl tape.	4.00	101.60	100.0	30.5	1	4
T400X000VS1Y	Green, vinyl tape.	4.00	101.60	100.0	30.5	1	4
T400X000VT1Y	Gray, vinyl tape.	4.00	101.60	100.0	30.5	1	4
T400X000VU1Y	Orange, vinyl tape.	4.00	101.60	100.0	30.5	1	4
T400X000VV1Y	Purple, vinyl tape.	4.00	101.60	100.0	30.5	1	4
T400X000VW1Y	Red, vinyl tape.	4.00	101.60	100.0	30.5	1	4
T400X000VX1Y	Yellow, vinyl tape.	4.00	101.60	100.0	30.5	1	4
T400X000VY1Y	Black, vinyl tape.	4.00	101.60	100.0	30.5	1	4
T400X000YK1	Clear, polyester tape.	4.00	101.60	100.0	30.5	1	4
T400X000Y2T‡	Photoluminescent, polyester tape.	4.00	101.60	15.0	4.5	1	4
T425X000YK1	Clear, polyester tape.	4.25	107.95	100.0	30.5	1	4

Order number of rolls required.
Use with *PANDUIT* thermal transfer ribbons found on page E1.19.
‡Labels roll mounted on 3.00" cores; when using the TDP43M printer and 3.00" cores, the roll stand (TDP43M-RS) is required.

Dot Matrix Labels

Self-Laminating Labels

- High quality, economical solution for wire/cable labeling
- Meets UL2043 suitable for use in air handling spaces
- Self-laminating labels include a colored print-on area and clear overlaminate to protect the legend for clear and durable identification
- Available in vinyl and Tedlar‡ material and supplied on pin fed sheets
- *PANDUIT* labeling software packages include all label formats for quick and easy label production

Part Number System for Self-Laminating Labels

S	1	0	0	X	1	5	0	V	A	D
Label Type	**Width (In.)**			**"X"**	**Length (In.)**			**Material**		**Print Method**
S = Self-Laminating Wire/Cable Label								VA = Vinyl TA = Tedlar‡		D = Dot Matrix

Material/Print Method Selection Guide

Material	Print Method	Temperature Range	Features
Self-Laminating Vinyl, White Print-On (VA)	Dot Matrix (D)	-40°F to 200°F (-40°C to 93°C)	Indoor/outdoor rated; thin and conformable; preferred material for most general wire/cable labeling.
Self-Laminating Tedlar‡, White Print-On (TA)	Dot Matrix (D)	0°F to 275°F (-18°C to 135°C)	Indoor/outdoor rated; self-extinguishing; ideal for wire/cable labeling in harsh environments.

‡Tedlar is a registered trademark of E. I. DuPont de Nemours Co.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Dot Matrix Labels

Self-Laminating Labels (continued)

Part Number	Part Description	Width		Length		Print-On Height		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
S050X075TAD	White print-on area, Tedlar‡ label.	.50	12.70	.75	19.05	.25	6.35	.12	3.07	.16	4.04	5000	25000
S050X075VADY	White print-on area, vinyl label.	.50	12.70	.75	19.05	.25	6.35	.12	3.07	.16	4.04	5000	25000
S050X125TAD	White print-on area, Tedlar‡ label.	.50	12.70	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	5000	20000
S050X125VADY	White print-on area, vinyl label.	.50	12.70	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	5000	20000
S050X150TAD	White print-on area, Tedlar‡ label.	.50	12.70	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	5000	20000
S050X150VADY	White print-on area, vinyl label.	.50	12.70	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	5000	20000
S100X075TAD	White print-on area, Tedlar‡ label.	1.00	25.40	.75	19.05	.25	6.35	.08	2.02	.16	4.04	5000	20000
S100X075VADY	White print-on area, vinyl label.	1.00	25.40	.75	19.05	.25	6.35	.08	2.02	.16	4.04	5000	20000
S100X125TAD	White print-on area, Tedlar‡ label.	1.00	25.40	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	5000	20000
S100X125VADY	White print-on area, vinyl label.	1.00	25.40	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	5000	20000
S100X150TAD	White print-on area, Tedlar‡ label.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	5000	20000
S100X150VADY	White print-on area, vinyl label.	1.00	25.40	1.50	38.10	.50	12.70	.16	4.04	.32	8.09	5000	20000
S100X225TAD	White print-on area, Tedlar‡ label.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	5000	25000
S100X225VADY	White print-on area, vinyl label.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	5000	25000
S100X400TAD	White print-on area, Tedlar‡ label.	1.00	25.40	4.00	101.60	1.00	25.40	.32	8.09	.95	24.26	1000	4000
S100X400VADY	White print-on area, vinyl label.	1.00	25.40	4.00	101.60	1.00	25.40	.32	8.09	.95	24.26	1000	4000
S100X650TAD	White print-on area, Tedlar‡ label.	1.00	25.40	6.50	165.10	1.50	38.10	.48	12.13	1.59	40.43	1000	2000
S100X650VADY	White print-on area, vinyl label.	1.00	25.40	6.50	165.10	1.50	38.10	.48	12.13	1.59	40.43	1000	2000
S200X225TAD	White print-on area, Tedlar‡ label.	2.00	50.80	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	5000	20000
S200X225VADY	White print-on area, vinyl label.	2.00	50.80	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	5000	20000
S200X400TAD	White print-on area, Tedlar‡ label.	2.00	50.80	4.00	101.60	1.00	25.40	.32	8.09	.95	24.26	1000	4000
S200X400VADY	White print-on area, vinyl label.	2.00	50.80	4.00	101.60	1.00	25.40	.32	8.09	.95	24.26	1000	4000
S200X650TAD	White print-on area, Tedlar‡ label.	2.00	50.80	6.50	165.10	1.50	38.10	.48	12.13	1.59	40.43	1000	4000
S200X650VADY	White print-on area, vinyl label.	2.00	50.80	6.50	165.10	1.50	38.10	.48	12.13	1.59	40.43	1000	4000

Order number of labels required in multiples of Std. Pkg. Qty.
‡Tedlar is a registered trademark of E. I. DuPont de Nemours Co.

Dot Matrix Labels

Non-Laminated Labels

- High quality, economical solution for wire/cable labeling
- Use as a wrap around label or flag style marker for wire/cable labeling
- Available in vinyl cloth material and supplied on pin fed sheets
- *PANDUIT* labeling software packages include all label formats for quick and easy label production

Part Number System for Non-Laminated Labels

N	1	0	0	X	1	5	0	C	B	D
Label Type	**Width (In.)**			**"X"**	**Length (In.)**			**Material**		**Print Method**
N = Non-Laminated Wire/Cable Label								CB = Vinyl Cloth		D = Dot Matrix

Material/Print Method Selection Guide

Material	Print Method	Temperature Range	Features
Vinyl Cloth, White (CB)	Dot Matrix (D)	-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surface.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Dot Matrix Labels

Non-Laminated Labels (continued)

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm		
N025X075CBD	White, vinyl cloth label.	.25	6.35	.75	19.05	.24	6.10	.51	12.95	5000	20000
N025X125CBD	White, vinyl cloth label.	.25	6.35	1.25	31.75	.40	10.16	.85	21.59	5000	20000
N025X150CBD	White, vinyl cloth label.	.25	6.35	1.50	38.10	.48	12.19	1.02	25.91	5000	20000
N025X175CBD	White, vinyl cloth label.	.25	6.35	1.75	44.45	.56	14.22	1.19	30.23	5000	20000
N050X075CBD	White, vinyl cloth label.	.50	12.70	.75	19.05	.24	6.10	.51	12.95	5000	15000
N050X100CBD	White, vinyl cloth label.	.50	12.70	1.00	25.40	.32	8.13	.68	17.27	5000	20000
N050X125CBD	White, vinyl cloth label.	.50	12.70	1.25	31.75	.40	10.16	.85	21.59	5000	20000
N050X150CBD	White, vinyl cloth label.	.50	12.70	1.50	38.10	.48	12.19	1.02	25.91	5000	10000
N050X175CBD	White, vinyl cloth label.	.50	12.70	1.75	44.45	.56	14.22	1.19	30.23	5000	10000
N100X075CBD	White, vinyl cloth label.	1.00	25.40	.75	19.05	.24	6.10	.51	12.95	5000	20000
N100X125CBD	White, vinyl cloth label.	1.00	25.40	1.25	31.75	.40	10.16	.85	21.59	5000	20000
N100X150CBD	White, vinyl cloth label.	1.00	25.40	1.50	38.10	.48	12.19	1.02	25.91	5000	15000
N100X175CBD	White, vinyl cloth label.	1.00	25.40	1.75	44.45	.56	14.22	1.19	30.23	5000	15000

Order number of labels required in multiples of Std. Pkg. Qty.

Flag Style Labels

Part Number	Part Description	Width		Length		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm		
N025X150CBD	White, vinyl cloth label.	.25	6.35	1.50	38.10	.06	1.52	.15	3.81	5000	20000
N025X175CBD	White, vinyl cloth label.	.25	6.35	1.75	44.45	.06	1.52	.22	5.58	5000	20000
N050X150CBD	White, vinyl cloth label.	.50	12.70	1.50	38.10	.06	1.52	.15	3.81	5000	10000
N050X175CBD	White, vinyl cloth label.	.50	12.70	1.75	44.45	.06	1.52	.22	5.58	5000	10000
N100X150CBD	White, vinyl cloth label.	1.00	25.40	1.50	38.10	.12	3.05	.15	3.81	5000	15000
N100X175CBD	White, vinyl cloth label.	1.00	25.40	1.75	44.45	.12	3.05	.22	5.58	5000	15000

Order number of labels required in multiples of Std. Pkg. Qty.

Dot Matrix Labels

Component Labels

- High quality, economical solution for component and general identification labeling
- Available in polyester and vinyl cloth materials for long-term or temporary labeling and supplied on pin fed sheets
- *PANDUIT* labeling software packages include all label formats for quick and easy label production

Part Number System for Component Labels

C	1	0	0	X	0	5	0	Y	J	D
Label Type	**Width (In.)**			**"X"**	**Height (In.)**			**Material**		**Print Method**
C = Component Label								YJ = Polyester CB = Vinyl Cloth		D = Dot Matrix

Material/Print Method Selection Guide

Material	Print Method	Temperature Range	Features
Polyester, White (YJ)	Dot Matrix (D)	-40°F to 275°F (-18°C to 135°C)	Indoor/outdoor rated; provides durability, high temperature resistance and dimensional stability; does not stretch or easily tear.
Vinyl Cloth, White (CB)	Dot Matrix (D)	-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surfaces; resists oil and abrasion.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Dot Matrix Labels

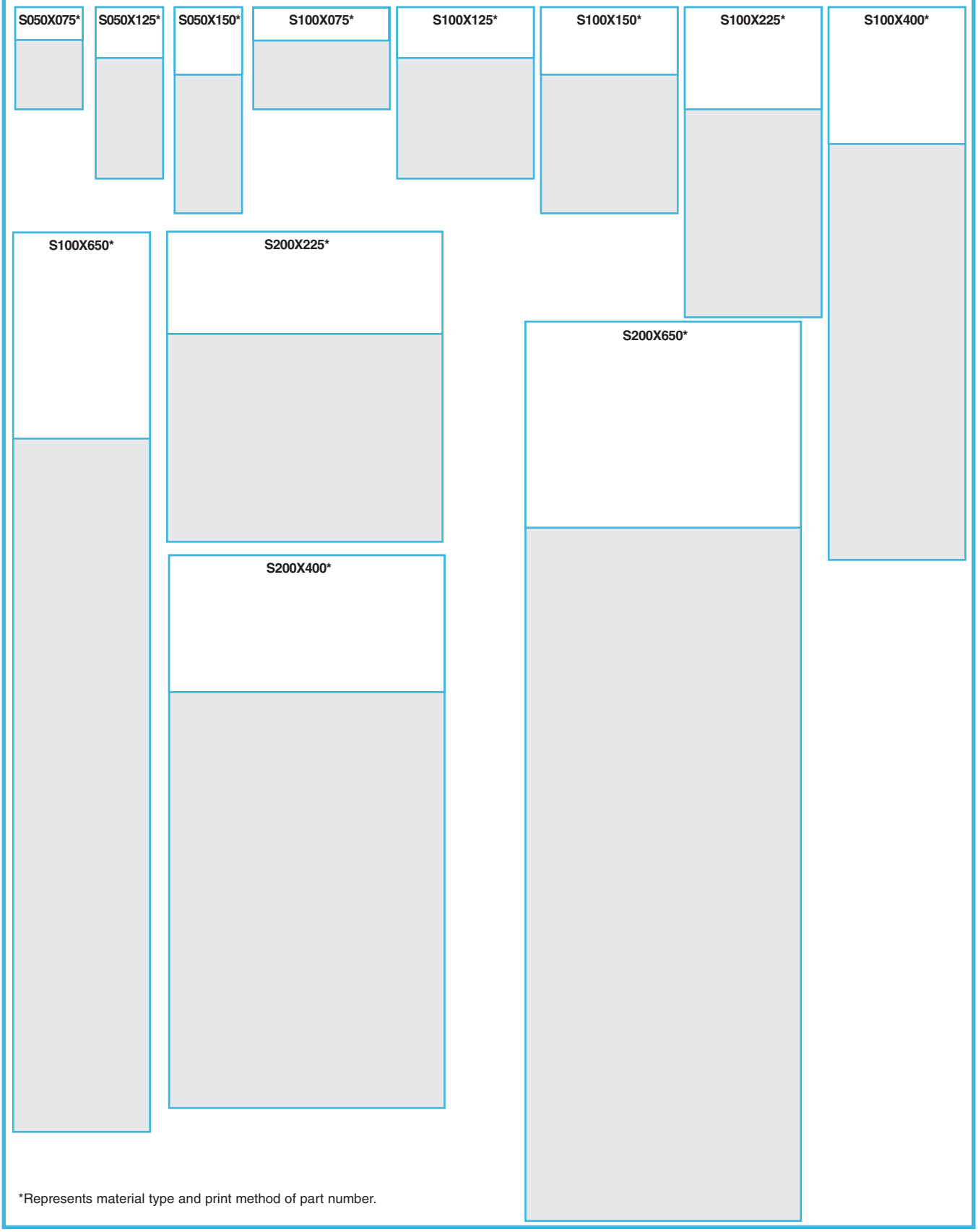
Component Labels (continued)

Part Number	Part Description	Width		Height		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm		
C025X025YJD	White, polyester label.	.25	6.35	.25	6.35	5000	25000
C038X038YJD	White, polyester label.	.38	9.65	.38	9.65	5000	25000
C050X044CBD	White, vinyl cloth label.	.50	12.70	.44	11.18	5000	25000
C050X044YJD	White, polyester label.	.50	12.70	.44	11.18	5000	25000
C060X020YJD	White, polyester label.	.60	15.24	.20	5.08	5000	25000
C060X020CBD	White, vinyl cloth label.	.60	15.24	.20	5.08	5000	25000
C075X025CBD	White, vinyl cloth label.	.75	19.05	.25	6.35	5000	25000
C075X025YJD	White, polyester label.	.75	19.05	.25	6.35	5000	25000
C080X020YJD	White, polyester label.	.80	20.32	.20	5.08	5000	25000
C100X025CBD	White, vinyl cloth label.	1.00	25.40	.25	6.35	5000	20000
C100X025YJD	White, polyester label.	1.00	25.40	.25	6.35	5000	25000
C100X050CBD	White, vinyl cloth label.	1.00	25.40	.50	12.70	5000	20000
C100X050YJD	White, polyester label.	1.00	25.40	.50	12.70	5000	20000
C150X075YJD	White, polyester label.	1.50	38.10	.75	19.05	5000	10000
C160X020CBD	White, vinyl cloth label.	1.60	40.64	.20	5.08	5000	10000
C160X020YJD	White, polyester label.	1.60	40.64	.20	5.08	5000	25000
C200X050CBD	White, vinyl cloth label.	2.00	50.80	.50	12.70	5000	10000
C200X050YJD	White, polyester label.	2.00	50.80	.50	12.70	5000	10000
C200X100YJD	White, polyester label.	2.00	50.80	1.00	25.40	1000	5000
C400X100CBD	White, vinyl cloth label.	4.00	101.60	1.00	25.40	1000	3000
C400X100YJD	White, polyester label.	4.00	101.60	1.00	25.40	1000	3000
C400X200YJD	White, polyester label.	4.00	101.60	2.00	50.80	1000	3000
C400X400YJD	White, polyester label.	4.00	101.60	4.00	101.60	1000	3000

Order number of labels required in multiples of Std. Pkg. Qty.

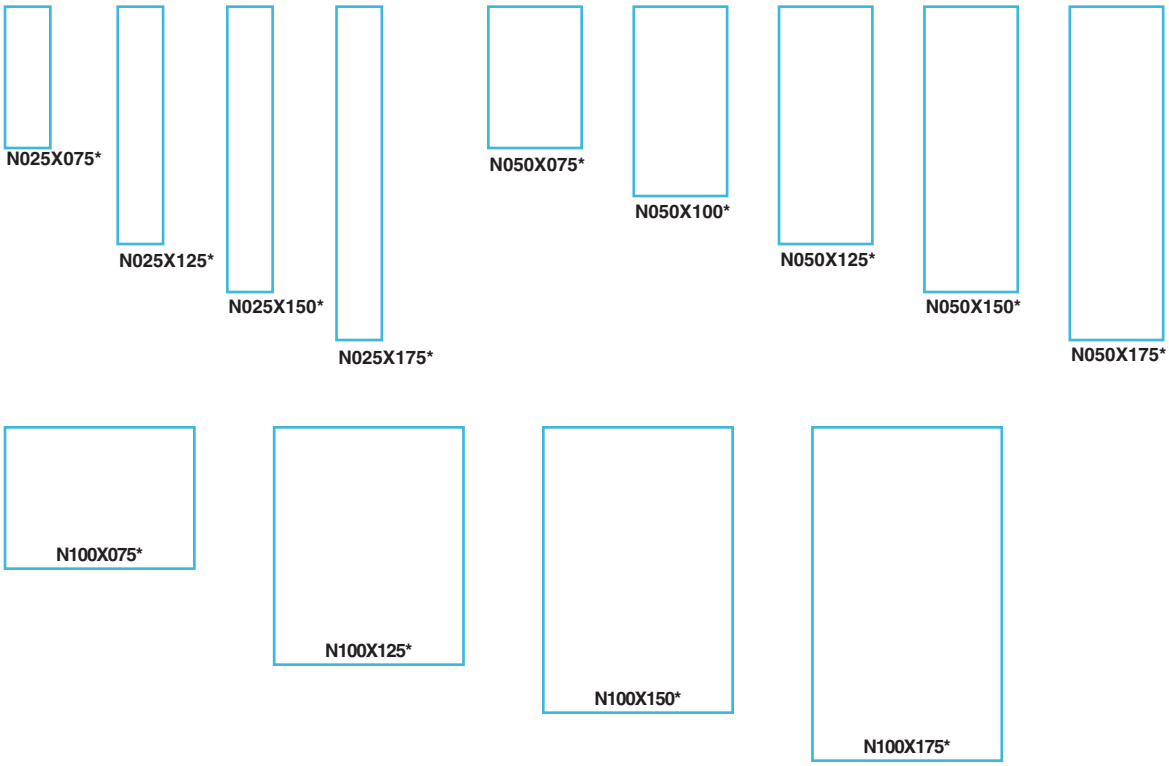
A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Size Illustrations of Self-Laminating Labels



*Represents material type and print method of part number.

Size Illustrations of Non-Laminated and Flag Style Labels



*Represents material type and print method of part number.

A. System Overview
B1. Cable Ties
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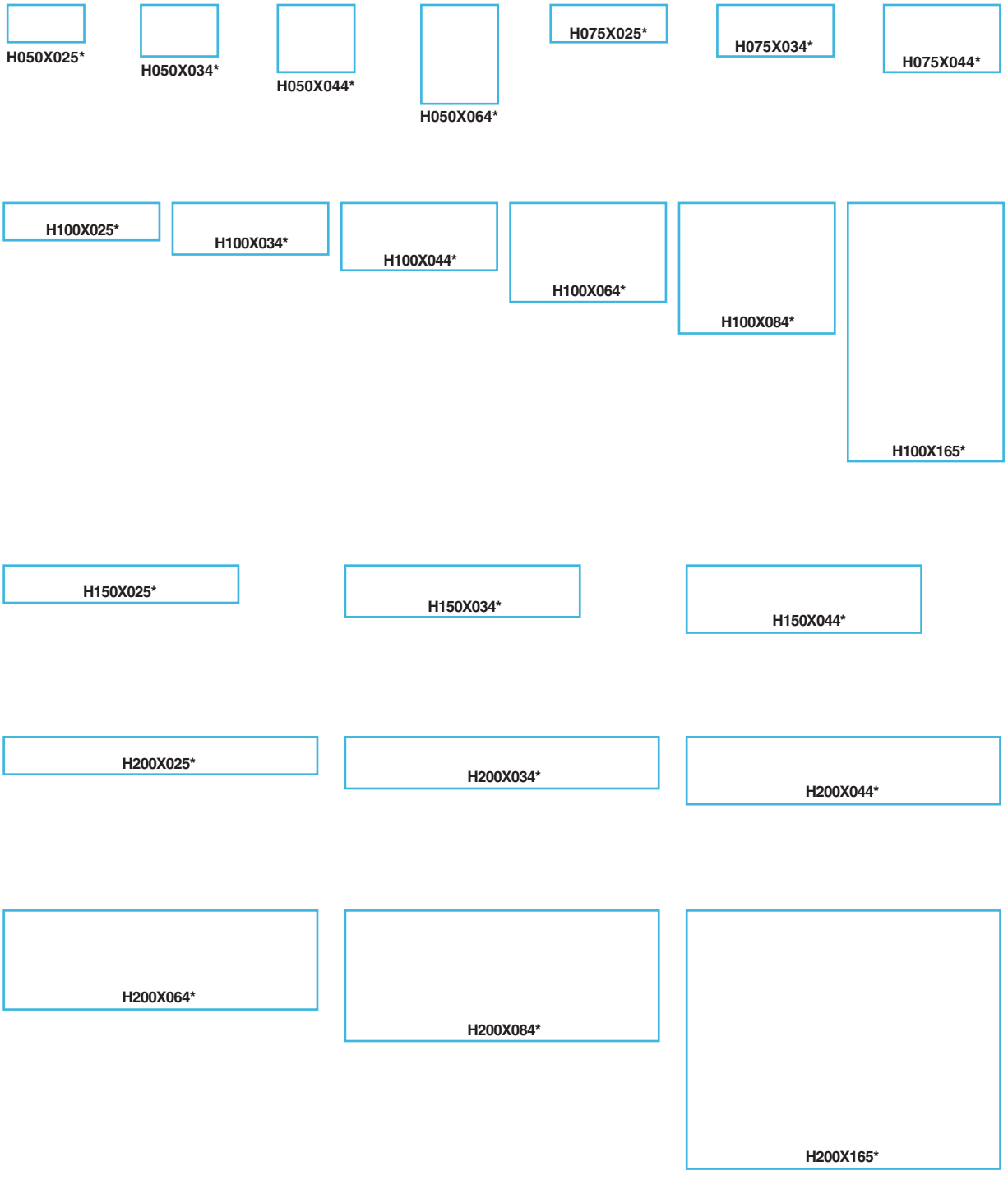
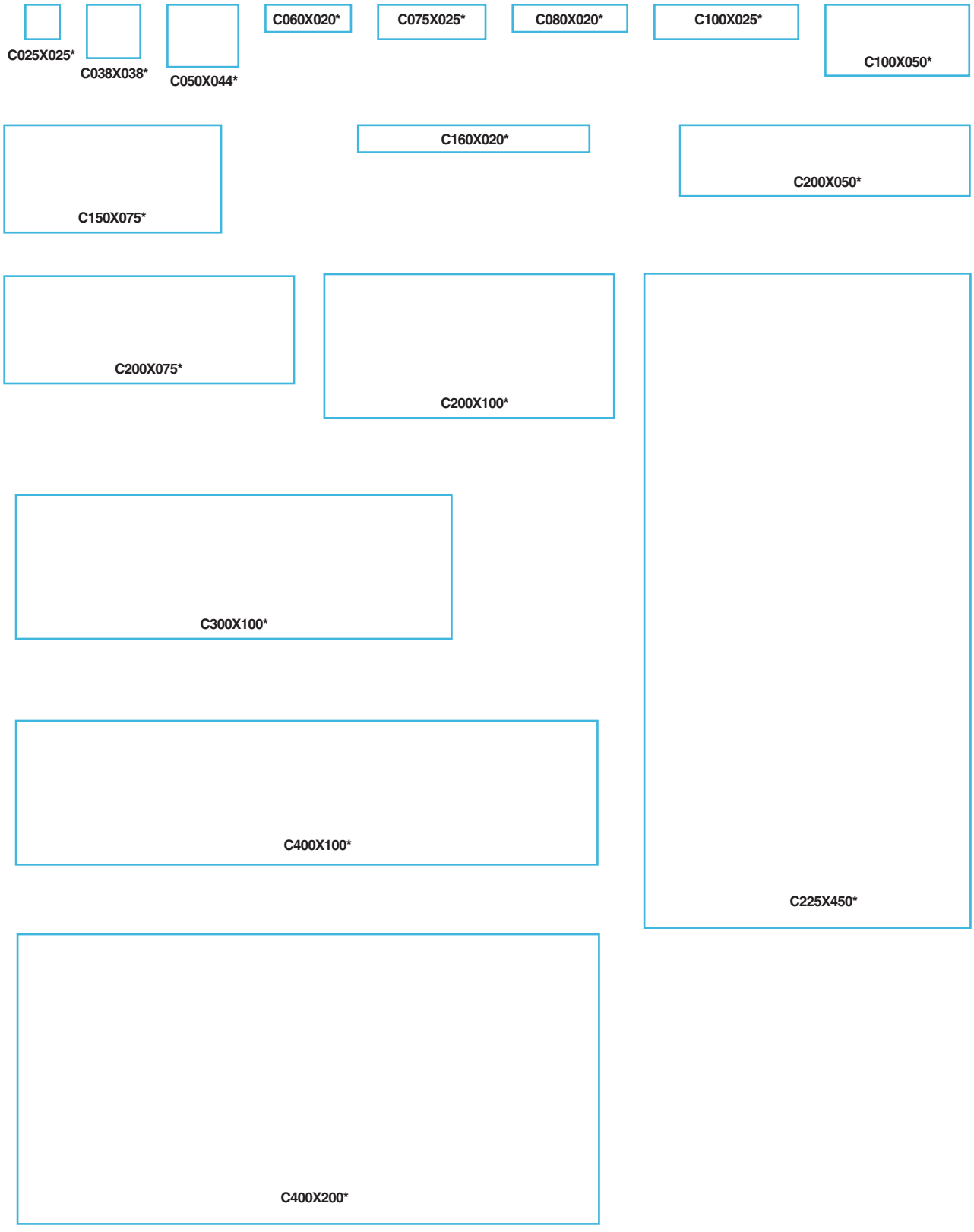
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Size Illustrations of Flattened Heat Shrink Labels



*Represents material type and print method of part number.

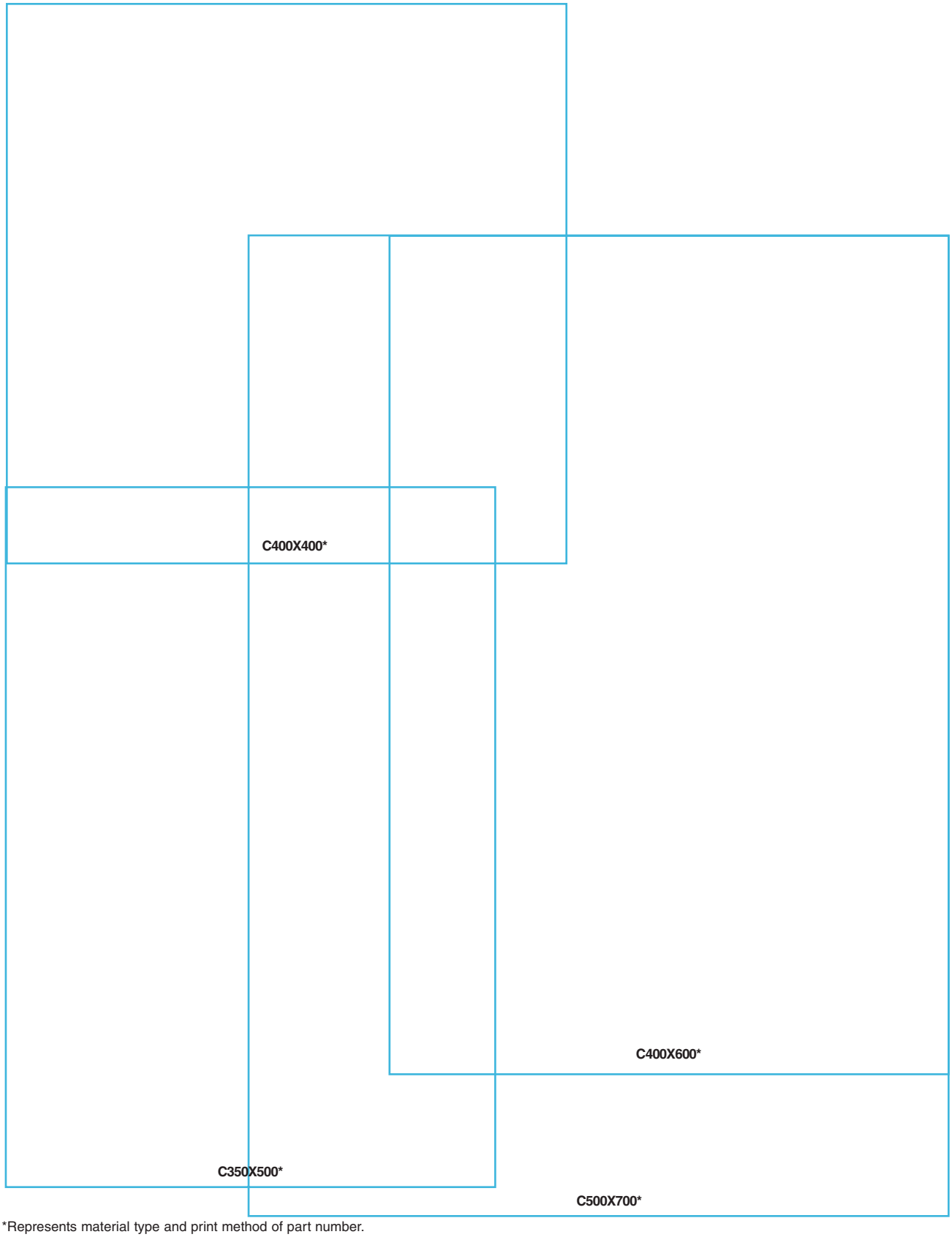
Size Illustrations for Component Labels



*Represents material type and print method of part number.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

Size Illustrations for Component Labels (continued)



*Represents material type and print method of part number.

Pre-Printed and Write-On Markers

PANDUIT offers a variety of pre-printed and write-on marker solutions in multiple formats to meet your specific requirements.

- **Marker books are a convenient pocket sized method to identify many electrical and network components**
- **Marker cards are available in a variety of legends and combination packs**
- **Dispensers are available in both pre-printed and write-on formats for quick identification of wire/cable**
- **Clip-on markers provide a fast, convenient, non-adhesive method to identify wire/cable**

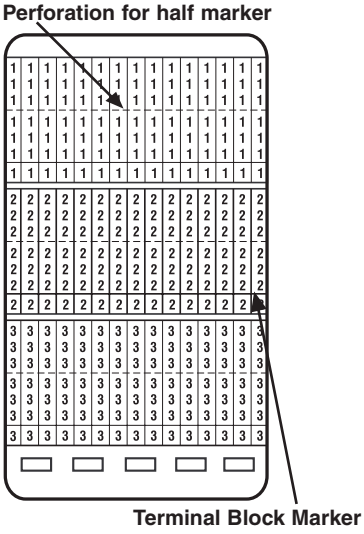
PANDUIT offers a variety of innovative books, cards, clip-ons and dispensers to provide you with the wire/cable label that best fits your needs.

Pre-Printed Marker Books

- Convenient, pocket-sized book
- Markers are perforated and can be torn in half to mark both ends of conductors
- Terminal block markers are included to properly identify connectors
- 10 pages of markers per book

Material Chart

Material	Print Method	Temperature Range	Features
Vinyl Cloth, White	Pre-Printed	-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surfaces; resists oil and abrasion.



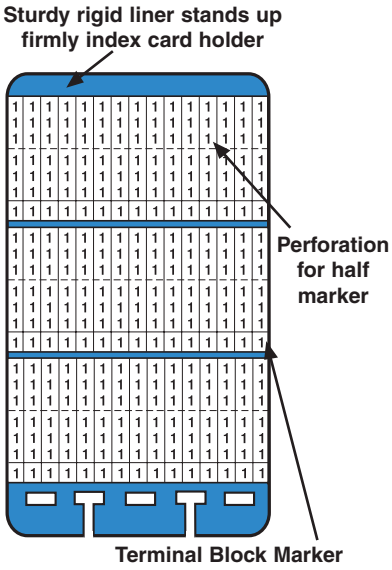
Part Number	Legend	Total Markers Each Legend	Std. Pkg. Book(s)	Std. Ctn. Book(s)
PCMB-1	0 thru 9	45	1	10
PCMB-2	A thru Z, 0 thru 15, +, -, /	10	1	10
PCMB-3	1 thru 45	10	1	10
PCMB-4	1, 2, 3	150	1	10
PCMB-5	A, B, C	150	1	10
PCMB-6	T1, T2, T3	150	1	10
PCMB-7	L1, L2, L3	150	1	10
PCMB-8	1 thru 15 16 thru 90 A thru Z, +, -, /, 0	6 4 2	1	10
PCMB-9	1, 2, 3, A, B, C L1, L2, L3, T1, T2, T3	45 30	1	10
PCMB-10	Solid NEMA colors red, yellow, white, light blue, light green, black, brown, orange, gray, dark green	45	1	10
PCMB-11	1 thru 30	15	1	10
PCMB-12	A thru Z + - Blank (write-on)	15 8 7 21	1	10
PCMB-13	+, -, AC, DC POS, NEG, GND NEUT SPARE, Blank (write-on)	45 33 27 21	1	10
PCMB-14	46 thru 90	10	1	10
PCMB-15	0 thru 45, +, -	10	1	10
PCMB-16	0 thru 33, A, B, C, +, -, L1, L2, L3, T1, T2, T3	10	1	10
PCMB-25	0 thru 9 L1, L2, L3, T1, T2, T3	45 15	1	10

Legend: Black Background: White
Marker sizes:
Full size marker – .22" x 1.38" (5.60mm x 34.90mm). Maximum wire O.D. .38" (9.50mm)
Half size marker – .22" x .69" (5.60mm x 17.40mm). Maximum wire O.D. .19" (4.70mm)
Terminal block marker – .22" x .25" (5.60mm x 6.30mm)

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Pre-Printed Marker Book Replacement Pages

- Replacement pages can be placed into a typical “roll-over” index card holder or added to standard pre-printed marker books
- Sturdy rigid liner keeps pages standing up in index card holder
- 10 pages of markers per bag



Part Number	Legend	Total Markers Each Legend	Std. Pkg. Page(s)	Std. Ctn. Page(s)
PCMBR-0	0	450	1	10
PCMBR-1	1	450	1	10
PCMBR-2	2	450	1	10
PCMBR-3	3	450	1	10
PCMBR-4	4	450	1	10
PCMBR-5	5	450	1	10
PCMBR-6	6	450	1	10
PCMBR-7	7	450	1	10
PCMBR-8	8	450	1	10
PCMBR-9	9	450	1	10
PCMBR-10	10	450	1	10
PCMBR-0-9	0 thru 9	45	1	10
PCMBR-10-19	10 thru 19	45	1	10
PCMBR-20-29	20 thru 29	45	1	10
PCMBR-A-Z	A thru Z, /, +, -, 0 thru 15	10	1	10
PCMBR-L1-L3	L1, L2, L3	150	1	10
PCMBR-T1-T3	T1, T2, T3	150	1	10

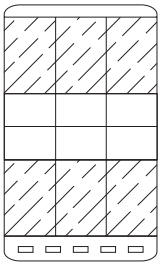
Legend: Black Background: White
Marker sizes:
Full size marker – .22" x 1.38" (5.60mm x 34.90mm). Maximum wire O.D. .38" (9.50mm)
Half size marker – .22" x .69" (5.60mm x 17.40mm). Maximum wire O.D. .19" (4.70mm)
Terminal block marker – .22" x .25" (5.60mm x 6.30mm)

Write-On Markers Books – Self-Laminating

- Clear section of marker over laminates and protects printed legend
- Markers have ink receptive area to allow handwritten legends
- 10 pages of markers per book

Material Chart

Material	Print Method	Temperature Range	Features
Self-Laminating Vinyl, White Print-On	Pre-Printed	-40°F to 150°F (-40°C to 66°C)	Indoor/outdoor rated; thin and conformable; preferred material for most general wire/cable labeling.



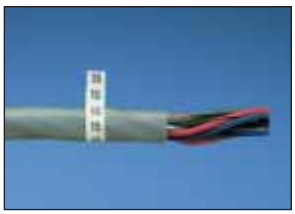
Part Number	Width		Length		Print-On Height		Min. Cable O.D.		Max. Cable O.D.		Markers Per Book	Std. Pkg. Book(s)	Std. Ctn. Book(s)
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm			
PSCB-12Y	.50	12.70	1.50	38.10	.63	38.10	.20	5.08	.28	7.11	180	1	10
PSCB-3Y*	1.00	25.40	3.00	76.20	.75	19.05	.24	6.10	.72	18.29	60	1	10
PSCB-5Y	1.00	25.40	5.00	127.00	1.00	25.40	.32	8.13	1.27	32.26	30	1	10
PSCB-6Y	1.00	25.40	6.00	152.40	1.00	25.40	.32	8.13	1.59	40.39	30	1	10
PSCB-13Y	1.50	38.10	3.00	76.20	.75	19.05	.24	6.10	.72	18.29	40	1	10
PSCB-16Y	1.50	38.10	6.00	152.40	1.00	25.40	.32	8.13	1.59	40.39	20	1	10

*Parts shown are white. Other colors available, add GR for green or YL for yellow to the end of the part number.
Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

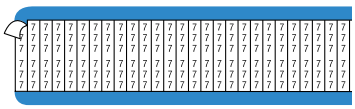
Pre-Printed Marker Cards
PCM Type

- Marker cards printed in a variety of legends allows "kitting" for project builds
- Plastic liner provides easy removal of markers while protecting unused markers

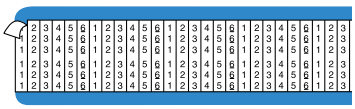


Material Chart

Material	Print Method	Temperature Range	Features
Vinyl Cloth, White	Pre-Printed	-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surfaces; resists oil and abrasion



PCM-7



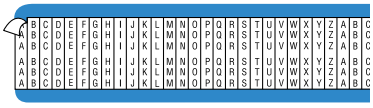
PCM-1-6

PCM-A1

Part Number	Legend	Width In.	Width mm	Length In.	Length mm	Markers Per Card	Std. Pkg. Card(s)	Std. Ctn. Card(s)
PCM-0 thru PCM-99	0 thru 99	.25	6.40	1.50	38.10	36	25	100
PCM-100 thru PCM-202	100 thru 202	.36	9.10	1.50	38.10	25	25	100
PCMH-0 thru PCMH-25	0 thru 25	.25	6.40	1.50	38.10	72	25	100
PCM-1-3	1 thru 3	.25	6.40	1.50	38.10	36	25	100
PCM-1-4	1 thru 4	.25	6.40	1.50	38.10		25	100
PCM-1-5	1 2 thru 5	.25	6.40	1.50	38.10		25	100
PCM-1-6	1 thru 6	.25	6.40	1.50	38.10		25	100
PCM-1-8	1 thru 4 5 thru 8	.25	6.40	1.50	38.10		25	100
PCM-1-9	1 thru 9	.25	6.40	1.50	38.10		25	100
PCM-0-9	0 thru 5 6 thru 9	.25	6.40	1.50	38.10		25	100
PCM-1-10	1 thru 3 4 thru 10	.25	6.40	1.50	38.10		25	100
PCM-1-12	1 thru 12	.25	6.40	1.50	38.10		25	100
PCM-1-16	1 thru 4 5 thru 16	.25	6.40	1.50	38.10		25	100
PCM-1-18	1 thru 18	.25	6.40	1.50	38.10		25	100
PCM-19-36	19 thru 36	.25	6.40	1.50	38.10		25	100
PCM-1-33	1 thru 33	.25	6.40	1.50	38.10	33	25	100
PCM-34-66	34 thru 66	.25	6.40	1.50	38.10		25	100
PCM-67-99	67 thru 99	.25	6.40	1.50	38.10		25	100
PCM-100-124	100 thru 124	.36	9.10	1.50	38.10	25	25	100
PCM-125-149	125 thru 149	.36	9.10	1.50	38.10		25	100
PCM-150-174	150 thru 174	.36	9.10	1.50	38.10		25	100
PCM-175-199	175 thru 199	.36	9.10	1.50	38.10		25	100

Pre-Printed Marker Cards (continued)
PCM Type

PCM-A



PCM-A-Z

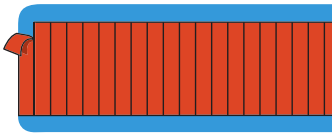
PCM-A1

Part Number	Legend	Width		Length		Markers Per Card	Std. Pkg. Card(s)	Std. Ctn. Card(s)
		In.	mm	In.	mm			
PCM-A thru **PCM-Z**	A thru Z	.25	6.40	1.50	38.10	36	25	100
PCM-A-Z	A thru J K thru Z	.25	6.40	1.50	38.10		25	100
PCM-A-Z-0-9	A thru Z 0 thru 9	.25	6.40	1.50	38.10		25	100
PCM-A1 thru **PCM-A4**	A1 thru A4	.25	6.40	1.50	38.10		25	100
PCM-B1 thru **PCM-B5**	B1 thru B5	.25	6.40	1.50	38.10		25	100
PCM-C1 thru **PCM-C4**	C1 thru C4	.25	6.40	1.50	38.10		25	100
PCM-E1 thru **PCM-E3**	E1 thru E3	.25	6.40	1.50	38.10		25	100
PCM-F1 thru **PCM-F4**	F1 thru F4	.25	6.40	1.50	38.10		25	100
PCM-H1 thru **PCM-H5**	H1 thru H5	.25	6.40	1.50	38.10		25	100
PCM-L1 thru **PCM-L5**	L1 thru L5	.25	6.40	1.50	38.10		25	100
PCM-M1 thru **PCM-M2**	M1 thru M2	.25	6.40	1.50	38.10		25	100
PCM-P1 thru **PCM-P3**	P1 thru P3	.25	6.40	1.50	38.10		25	100
PCM-R1 thru **PCM-R5**	R1 thru R5	.25	6.40	1.50	38.10		25	100
PCM-S1 thru **PCM-S5**	S1 thru S5	.25	6.40	1.50	38.10		25	100
PCM-T1 thru **PCM-T9**	T1 thru T9	.25	6.40	1.50	38.10		25	100
PCM-X1 thru **PCM-X4**	X1 thru X4	.25	6.40	1.50	38.10		25	100

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Pre-Printed Marker Cards (continued)
PCM Type



Material Chart

Material	Print Method	Temperature Range	Features
Vinyl Cloth, White	Pre-Printed	-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surfaces.

Part Number	Color	Width		Length		Markers Per Card	Std. Pkg. Card(s)	Std. Ctn. Card(s)
		In.	mm	In.	mm			
PCM-BLK	Black	.25	6.40	1.50	38.10	36	25	100
PCM-BRN	Brown	.25	6.40	1.50	38.10		25	100
PCM-DBL	Dark Blue	.25	6.40	1.50	38.10		25	100
PCM-DGN	Dark Green	.25	6.40	1.50	38.10		25	100
PCM-GRY	Gray	.25	6.40	1.50	38.10		25	100
PCM-LBL	Light Blue	.25	6.40	1.50	38.10		25	100
PCM-LGN	Light Green	.25	6.40	1.50	38.10		25	100
PCM-ORN	Orange	.25	6.40	1.50	38.10		25	100
PCM-PNK	Pink	.25	6.40	1.50	38.10		25	100
PCM-PUR	Purple	.25	6.40	1.50	38.10		25	100
PCM-RED	Red	.25	6.40	1.50	38.10		25	100
PCM-TAN	Tan	.25	6.40	1.50	38.10		25	100
PCM-WHT	White	.25	6.40	1.50	38.10		25	100
PCM-YEL	Yellow	.25	6.40	1.50	38.10		25	100

Marker size:
Full size marker – 1.50" (38.10mm). Maximum wire O.D. .38" (9.50mm)

Combination Packs
PCM Type

Numbers

Letters

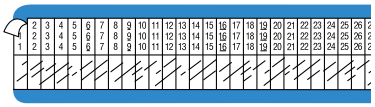
Part Number	Legend	Cards Per Legend	Markers Per Card	Std. Pkg. Qty.	Std. Ctn. Qty.
PCMCP-1-25*	1 thru 25	1 each	36	1	4
PCMCP-26-50*	26 thru 50	1 each		1	4
PCMCP-51-75*	51 thru 75	1 each		1	4
PCMCP-76-100*	76 thru 100	1 each		1	4
PCMCP-101-125*	101 thru 125	1 each	25	1	4
PCMCP-126-150*	126 thru 150	1 each		1	4
PCMCP-A-Z**	A thru Z	1 each	36	1	4

Marker size:
Full size marker – 1.50" (38.10mm). Maximum wire O.D. .38" (9.50mm)
*One card each number, 6 cards per package.
**One card each letter, 26 cards per package.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Pre-Printed Marker Cards PSM Type

PSM-7



PSM-1-33

PSM-W

Material Chart

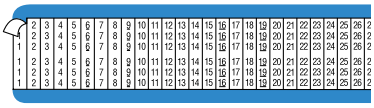
Material	Print Method	Temperature Range	Features
Self-Laminating Vinyl, White Print-On	Pre-Printed	-40°F to 150°F (-40°C to 66°C)	Indoor/outdoor rated; thin and conformable; preferred material for most general wire/cable labeling.

Part Number	Legend	Width In.	Width mm	Length In.	Length mm	Markers Per Card	Std. Pkg. Card(s)	Std. Ctn. Card(s)
PSM-0-Y thru PSM-52-Y	0 thru 52	.25	6.40	.75	19.10	36	25	100
PSM-0-9-Y	0 thru 9	.25	6.40	.75	19.10		25	100
PSM-1-33-Y	1 thru 33	.25	6.40	.75	19.10	33	25	100
PSM-34-66-Y	34 thru 66	.25	6.40	.75	19.10		25	100
PSM-67-99-Y	67 thru 99	.25	6.40	.75	19.10		25	100
PSM-A-Y thru PSM-Z-Y	A thru Z	.25	6.40	.75	19.10	36	25	100
PSM-A-Z-Y	A thru Z	.25	6.40	.75	19.10		25	100

Legend: Black Background: White
Marker sizes:
Full size marker – 1.50" (38.10mm). Maximum wire O.D. .38" (9.50mm)
Half size marker – .75" (19.10mm). Maximum wire O.D. .19" (4.70mm)

Pre-Printed Marker Cards PPM Type

PPM-7



PPM-1-33

PPM-A

Material Chart

Material	Print Method	Temperature Range	Features
Tedlar‡, White	Pre-Printed	-40°F to 275°F (-40°C to 135°C)	Indoor/outdoor rated; self-extinguishing; ideal for component labeling in harsh environments.

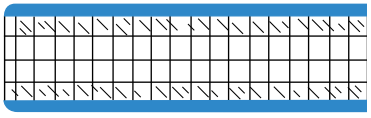
‡Tedlar is a registered trademark of E. I. DuPont de Nemours Co.

Part Number	Legend	Width In.	Width mm	Length In.	Length mm	Markers Per Card	Std. Pkg. Card(s)	Std. Ctn. Card(s)
PPM-0 thru PPM-25	0 thru 25	.25	6.40	1.50	38.10	36	25	100
PPM-1-33	1 thru 33	.25	6.40	1.50	38.10	33	25	100
PPM-A thru PPM-C	A thru C	.25	6.40	1.50	38.10	36	25	100

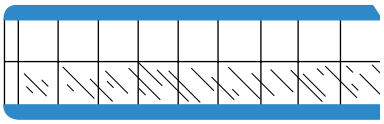
Legend: Black Background: White
Marker sizes:
Half size marker – 1.50" (38.10mm). Maximum wire O.D. .38" (9.50mm)

Write-On Marker Cards – Self-Laminating

- Clear section of marker overlaminates and protects write-on legend
- Markers have ink receptive area to allow hand-written legends



Type PSWMH



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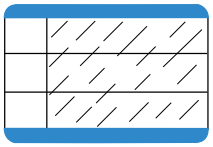


Type PSCC

Part Number	Width		Length		Print-On Height		Min. Cable O.D.		Max. Cable O.D.		Markers Per Card	Std. Pkg. Card(s)	Std. Ctn. Card(s)
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm			
PSCC-3Y	1.00	25.40	3.00	76.20	.75	19.10	.24	6.06	.72	18.19	3	25	100
PSCC-5Y	1.00	25.40	5.00	127.00	1.00	25.40	.32	8.09	1.27	32.34	3	25	100
PSWMH-375Y	.38	9.50	.75	19.10	.38	9.50	.12	3.07	.12	2.99	50	25	100
PSWM-375Y	.38	9.50	1.5	38.10	.75	19.10	.24	6.06	.24	6.06	25	25	100
PSWM-750Y	.75	19.10	1.5	38.10	.75	19.10	.24	6.06	.24	6.06	12	25	100
PSWMH-750Y	.75	19.10	.75	19.10	.38	9.50	.12	3.07	.12	2.99	24	25	100
PSWM-1500Y	1.5	38.10	1.5	38.10	.75	19.10	.24	6.06	.24	6.06	6	25	100

Can be clearly identified with *PANDUIT* permanent marking pens shown on page B1.48.

Pre-Printed Marker Tape Dispenser

- Flexible polyester marker tape conforms tightly to wires/cables
- Dispenser allows marker tape to be cut to the exact length required for marking any size wire/cable
- Durable plastic dispenser can be attached to toolbelt for industrial use

Material Chart

Material	Print Method	Temperature Range	Features
Polyester, White	Pre-Printed	-40°F to 250°F (-40°C to 121°C)	Indoor/outdoor rated; laminated label material protects legend from abrasion and chemicals; resistant to UV light chemical atmosphere and abrasion; excellent life and adhesion properties.

Part Number	Part Description	Roll		Rolls Per Legend Per Pkg.	Std. Pkg. Qty.	Std. Ctn. Qty.
		ft	M			
PMD	Empty dispenser	—	—	—	1	10
PMD-0-9	Dispenser filled with one roll each legend 0 thru 9	8.0	2.4	1	1	10
PMD-NEMA	Dispenser filled with one roll each of solid NEMA colors: black, light blue, brown, gray, light green, orange, purple, red, white and yellow	8.0	2.4	1	1	10

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Pre-Printed Marker Tape Refills

Part Number	Legend	Roll Length ft	Roll Length M	Rolls Per Legend Per Pkg.	Std. Pkg. Roll(s)	Std. Ctn. Roll(s)
PMDR-0-9 thru **PMDR-90-99**	0 thru 9 thru 90 thru 99	8.0	2.4	10	1	10
PMDR-0 thru **PMDR-9**	0 thru 9				10	100
PMDR-A thru **PMDR-Z**	A thru Z				10	100
PMDR-L1 thru **PMDR-L3**	L1 thru L3				10	100
PMDR-T1 thru **PMDR-T3**	T1 thru T3				10	100
PMDR-GRS	Ground symbol	8.0	2.4	10	10	100
PMDR-MIN	Minus symbol				10	100
PMDR-PLS	Plus symbol				10	100
PMDR-BLK	Black				10	100
PMDR-BL	Light Blue				10	100
PMDR-BRN	Brown				10	100
PMDR-GRN	Light Green				10	100
PMDR-GRY	Gray				10	100
PMDR-ORN	Orange				10	100
PMDR-PUR	Purple				10	100
PMDR-RED	Red				10	100
PMDR-WHT	White				10	100
PMDR-YEL	Yellow				10	100
PMDR-NEMA	One of each of the NEMA colors featured above			1	1	10

Self-Laminating Wire Marker Dispenser

- Self-laminating labels are provided in handy dispenser which protects markers when not in use
- Clear section of marker overlaminates and protects write-on legend
- Quick, easy to use for smaller installations and maintenance

Material Chart

Material	Print Method	Temperature Range	Features
Self-Laminating Vinyl, White Print-On	Pre-Printed	-40°F to 150°F (-40°C to 66°C)	Indoor/outdoor rated; thin and conformable; preferred material for most general wire/cable labeling.

Part Number	Part Description	Width		Length		Print-On Height		Min. Cable O.D.		Max. Cable O.D.		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm		
Dispenser Kit													
S100X125VARY	(1) Dispenser. (1) Roll, white write-on, vinyl label, 200/roll. (1) PFX-0 pen.	1.00	25.40	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	1	10
S100X225VARY	(1) Dispenser. (1) Roll, white write-on, vinyl label, 100/roll. (1) PFX-0 pen.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1	10
Refill Rolls													
S100X125VAFY	White write-on, vinyl label, 200/roll.	1.00	25.40	1.25	31.75	.38	9.65	.12	3.07	.28	7.03	1	10
S100X225VAFY	White write-on, vinyl label 100/roll.	1.00	25.40	2.25	57.15	.75	19.05	.24	6.06	.48	12.13	1	10

Can be clearly identified with *PANDUIT* permanent marking pens shown on page B1.48.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Pre-Printed Clip-On Wire Markers

- Non-adhesive markers grip tightly to wire/cable
- Markers supplied on application wand tool
- Chevron cut keeps multiple markers aligned
- Black legend is embossed into wire marker clip

Material Chart

Material	Print Method	Temperature Range	Features
Non-Adhesive Acetal	Pre-Printed	-22°F to 194°F (-30°C to 90°C)	Indoor/outdoor rated; durable material that has excellent resiliency to oils and solvents.

Part Number	Legend	No. of Markers Per Wand	Markers Per Pkg.	Std. Pkg. Qty.	Std. Ctn. Qty.
Wire/Cable Diameter .08" – .10" (2.00mm – 2.50mm)					
PCA07-A thru **PCA07-Z**	A thru Z	30	300	1	10
PCA07-A-J	A-J			1	10
PCA07-K-T	K-T			1	10
PCA07-U-Z	U-Z			1	10
PCA07-0 thru **PCA07-9**	0 thru 9			1	10
PCA07-0-9	0-9			1	10
PCA07-MIN	—			1	10
PCA07-PLS	+			1	10
Wire/Cable Diameter .11" – .13" (2.80mm – 3.30mm)					
PCA11-A thru **PCA11-Z**	A thru Z	30	300	1	10
PCA11-A-J	A-J			1	10
PCA11-K-T	K-T			1	10
PCA11-U-Z	U-Z			1	10
PCA11-0 thru **PCA11-9**	0 thru 9			1	10
PCA11-0-9	0-9			1	10
PCA11-MIN	—			1	10
PCA11-PLS	+			1	10
Wire/Cable Diameter .13" – .15" (3.30mm – 3.80mm)					
PCA13-A thru **PCA13-Z**	A thru Z	30	300	1	10
PCA13-A-J	A-J			1	10
PCA13-K-T	K-T			1	10
PCA13-U-Z	U-Z			1	10
PCA13-0 thru **PCA13-9**	0 thru 9			1	10
PCA13-0-9	0-9			1	10
PCA13-MIN	—			1	10
PCA13-PLS	+			1	10

Pre-Printed Clip-On Wire Markers (continued)

Part Number	Legend	No. of Markers Per Wand	Markers Per Pkg.	Std. Pkg. Qty.	Std. Ctn. Qty.
Wire/Cable Diameter .19" – .23" (4.80mm – 5.80mm)					
PCA18-A thru **PCA18-Z**	A thru Z	30	300	1	10
PCA18-A-J	A-J			1	10
PCA18-K-T	K-T			1	10
PCA18-U-Z	U-Z			1	10
PCA18-0 thru **PCA18-9**	0 thru 9			1	10
PCA18-0-9	0-9			1	10
PCA18-MIN	—			1	10
PCA18-PLS	+			1	10
Wire/Cable Diameter .23" – .37" (5.80mm – 9.40mm)					
PCA23-A thru **PCA23-Z**	A thru Z	20	60	1	10
PCA23-A-D	A-D		80	1	10
PCA23-E-H	E-H			1	10
PCA23-I-L	I-L			1	10
PCA23-M-P	M-P			1	10
PCA23-Q-T	Q-T			1	10
PCA23-U-X	U-X			1	10
PCA23-Y-Z	Y-Z, +, -			1	10
PCA23-0 thru **PCA23-9**	0 thru 9		60	1	10
PCA23-0-3	0-3		80	1	10
PCA23-4-7	4-7			1	10
PCA23-8-9	8, 9, +, -			1	10
PCA23-MIN	—		60	1	10
PCA23-PLS	+			1	10

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Lockout / Tagout

The Occupational Safety and Health Administration (OSHA) mandates that all energy sources be isolated and locked out to protect employees from injuries caused by the accidental startup of equipment under repair or service. OSHA 1910.147 outlines the control of this hazardous energy with an effective lockout/tagout program. *PANDUIT* offers a complete line of lockout/tagout products to aid in compliance with OSHA 1910.147 including:

- **Training manuals and videos to help train employees on the requirements of lockout/tagout**
- **Extensive line of universal, high quality devices to lockout a variety of energy sources**
- **Lockout/tagout kits and stations that offer a convenient method to store and contain lockout devices, tags and padlocks**
- **High quality, durable, secure padlocks in a variety of styles, colors and keying configurations that ensure safety and security**
- **Extensive line of safety identification products that include tags, signs and warning labels**

PANDUIT offers everything you need to establish and maintain an effective lockout/tagout program. Ensure employee safety while conducting lockout/tagout procedures by utilizing *PANDUIT* innovative products and high quality materials.

A. System Overview
B1. Cable Ties
B2. Cable Accessories
B3. Stainless Steel
C1. Wiring Duct
C2. Surface Raceway
C3. Abrasion Protection
C4. Cable Management
D1. Terminals
D2. Power & Grounding Connectors
E1. Labeling System
E2. Labels
E3. Pre-Printed & Write-On Markers
E4. Lockout/ Tagout & Safety Solutions
F. Index

OSHA Lockout/Tagout Compliance Manual

- Takes you step-by-step through the process of bringing your company into compliance with OSHA Standard 1910.147 topics in the manual include: background, scope and purpose of the regulation

- This complete package includes:
  – Instructions for writing a company lockout/tagout policy
  – Establishing lockout/tagout procedures for equipment
  – Implementing a lockout/tagout training program
  – Forms, sample programs and procedures to administer your program

Part Number	Part Description	Std. Pkg. Qty.
PSL-LCM	OSHA lockout/tagout compliance manual.	1

Lockout/Tagout Regulations Training Video and Handbooks

- "A Life is on the Line" Lockout/Tagout Training Program (English or Spanish) is designed to protect your employees and assist in compliance with OSHA lockout/tagout general requirements quickly, easily and at low cost

- This complete package includes:
  – Lockout/tagout video
  – Participant guides with quizzes
  – Certificate of completion cards
  – Leader's guide complete with quiz key
  – Training log
  – Lockout/tagout samples
  – *PANDUIT* Lockout/Tagout Bulletin

Part Number	Part Description	Number of Guides and Cards Included	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-LTP	Lockout/tagout regulations video complete training program, English, VHS format.	10	1	—
PSL-LTM	Replacement lockout/tagout participant's guides and cards, English.	10	1	10
PSL-LTPS	Lockout/tagout regulations video training complete program, Spanish, VHS format.	10	1	—
PSL-LTMS	Replacement lockout/tagout participant's guides and cards, Spanish.	10	1	10
PSL-LTV	Lockout/tagout regulations training video, English, VHS format.	—	1	—

Group Lockout/Tagout Training Video

- "Your Lock is Your Key to Life" Training Program provides thorough instruction on OSHA recommended safety practices and procedures for group lockout – multi-craft/multi-shift lockout operations

- This complete package includes:
  – Group lockout/tagout video
  – Participant guides with quizzes
  – Certificate of completion cards
  – Leader's guide complete with quiz key
  – Training log
  – Lockout/tagout samples
  – *PANDUIT* Lockout/Tagout Bulletin
  – Lockout steps wallet cards

Part Number	Part Description	Number of Guides and Cards Included	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-LTPGP	Group lockout/tagout video training complete program, English, VHS format.	10	1	5
PSL-LTMGP	Replacement group lockout/tagout participant's guides and cards, English.	10	1	10

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Lockout/Tagout Steps/Calendar Wallet Card

- Provide those employees responsible for lockout/tagout with a constant reminder of the OSHA recommended steps for shutdown and startup
- Current calendar year is printed on back side

Part Number	Part Description	Width		Height		Number of Cards Included	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm			
PSL-STEPS	Lockout/tagout steps/calendar wallet card.	2.13	54.00	3.38	86.00	25	1	4

Circuit Breaker Lockout Devices

- Individual circuit breakers can be locked in the off position quickly and easily
- Compact, universal design fits a wide range of single, double and triple handle circuit breakers
- Accommodates breaker handles .30" – .60" (7.62mm x 15.24mm) tall and .25" – .44" (6.35mm x 11.18mm) thick
- Easily attached with no modifications to panel or circuit breaker and does not require hole in circuit breaker handle
- Constructed of rugged nylon and stainless steel, providing strength, durability, added security and corrosion resistance

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-CB	Universal circuit breaker lockout.	1	10
PSL-CBIL	Circuit breaker lockout device for use with Square D I-LINE^/Federal Pacific (FPE) circuit breakers.	1	10

^I-LINE is a registered trademark of Square D Company.

"No Tool" Circuit Breaker Lockout Devices

- Individual circuit breakers can be locked in the off position quickly and easily without any tools
- Compact, universal design fits a wide range of single, double and triple handle circuit breakers
- Accommodates breaker handle sizes ranging from: .30" – .60" (7.62mm x 15.24mm) tall and .16" – .35" (4.06mm x 8.89mm) thick
- Easily attached with no modifications to panel or circuit breaker and does not require hole in circuit breaker handle
- Constructed of rugged nylon and stainless steel providing strength, durability, added security and corrosion resistance

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-CBNT	"No Tool" universal circuit breaker lockout.	1	10
PSL-CBILNT	"No Tool" circuit breaker lockout for use with Square D I-LINE^/Federal Pacific (FPE) circuit breakers.	1	10

^I-LINE is a registered trademark of Square D Company.

Large Handle Circuit Breaker Lockout Device

- Individual circuit breakers can be locked in the off position quickly and easily without any tools
- Compact, universal design fits a wide range of large handle circuit breakers
- Accommodates breaker handle dimensions up to .80" thick x 3.00" wide (20.32mm x 76.20mm)
- Easily attached with no modifications to panel or circuit breaker
- Constructed of rugged nylon and stainless steel providing strength, durability, added security and corrosion resistance

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-CBL	Large handle circuit breaker lockout.	1	10

Multiple Lockout Device

- Device can be used alone as a lockout hasp or with provided cable to lockout electrical disconnects, gate valves or large cumbersome devices
- Compact and easy to install
- Constructed of rugged polycarbonate and stainless steel providing strength, durability, added security and corrosion resistance

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-MLD	Multiple lockout device; includes lockout hasp and 6.0' (1.8M) vinyl coated galvanized steel cable with loophole.	1	20
PSL-MLDH-X	Multiple lockout device hasp only.	10	—
PSL-MLDC	6.0' (1.8M) vinyl coated galvanized steel cable with loophole.	1	5
PSL-MLDC200	200.0' (61.0M) vinyl coated galvanized steel cable on roll without loophole.	1	—

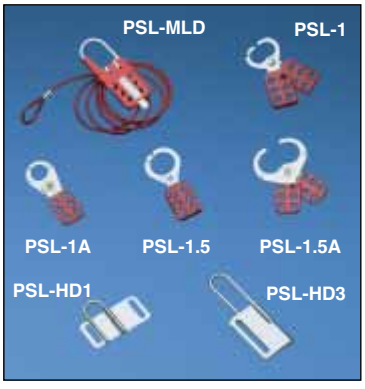
Lockout single or multiple electrical disconnects

Lockout gate valves

Immobilize large or cumbersome devices, such as forklifts

Lockout Hasps

- Energy sources can be locked out quickly and easily by more than one worker for group lockout applications
- Heavy duty hasps with tamper-resistant designs to deter vandalism
- Variety of lockout hasp styles and sizes to accommodate a wide range of lockout applications
- Constructed of rugged polycarbonate and stainless steel providing strength, durability, added security and corrosion resistance



Part Number	Part Description	Max. No. Locks	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-MLD	Multiple lockout device; includes lockout hasp and 6.0' (1.8M) vinyl coated galvanized steel cable with loophole.	6	1	20
PSL-MLDH-X	Multiple lockout device hasp only.	6	10	—
PSL-1	Hasp with 1.00" (25.40mm) diameter jaw and overlapping tabs.	6	12	144
PSL-1.5	Hasp with 1.50" (38.10mm) diameter jaw and overlapping tabs.	6	12	144
PSL-1A	Hasp with 1.00" (25.40mm) diameter jaw.	6	12	144
PSL-1.5A	Hasp with 1.50" (38.10mm) diameter jaw.	6	12	48
PSL-HD1	Heavy duty hasp with 1.00" x 1.00" (25.40mm x 25.40mm) clearance.	5	12	—
PSL-HD3	Heavy duty hasp with 1.00" x 3.00" (25.40mm x 76.00mm) clearance.	7	12	—

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Plug Lockout Device

- Individual plugs in a wide range of sizes can be locked out to prevent energization
- Accommodates padlocks with shackle lengths of 1.50" (38.10mm) or greater and plugs with a hole in a blade
- Constructed of rugged polycarbonate providing strength, durability, added security and corrosion resistance

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-P	Plug lockout.	1	10

Cord Lockout Devices

- Individual corded plugs in a wide range of sizes can be locked out to prevent energization
- Constructed of rugged polypropylene providing strength, durability and added security

Part Number	Part Description	Inside Dimension		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm		
PSL-CL110	Lockout for 120V AC corded plugs.	2.00 x 2.00 x 3.50	51.00 x 51.00 x 89.00	1	10
PSL-CL480	Lockout for 240-480V AC corded plugs.	3.25 x 3.25 x 6.50	83.00 x 83.00 x 165.00	1	10

Receptacle Blockout Device

- Accommodates standard 120V electrical receptacles
- Blockout receptacles to prevent equipment damage from overloading circuits or electrical interference
- Constructed of high density polyethylene providing strength, durability and added security

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-ERB	Blockout for 120V electrical receptacle.	1	25

Toggle Switch Lockout Device

- Toggle switches controlling electrical supply can be locked out
- Compact secure design fits most toggle switches and some small circuit breakers
- Accommodates switches .45" – .78" (11.43mm – 19.81mm) tall x .25" – .38" (6.35mm – 9.65mm) wide x .25" – .40" (6.35mm – 10.16mm) thick
- Easily attached without removal of faceplate or screws
- Constructed of rugged nylon and stainless steel providing strength, durability, added security and corrosion resistance

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-WS	Toggle switch lockout.	1	10

Toggle/Rocker Switch Lockout Device

- Toggle/rocker switches controlling electrical supply can be locked out
- Accommodates standard wall switch faceplates
- Install using faceplate screws
- Constructed of rugged polypropylene providing strength, durability and added security

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-WS1A	Toggle/rocker switch lockout.	1	10

Gate Valve Lockout Devices

- Gate valves regulating hydraulic, pneumatic and chemical energy can be locked out quickly and easily
- Accommodates valve handles ranging from 1.00" (25.40mm) to 13.00" (330.20mm) in diameter
- Constructed of rugged polypropylene providing strength, durability and added security

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-V2A	Gate valve lockout, accommodates 1.00" – 3.00" diameter handle.	1	10
PSL-V6A	Gate valve lockout, accommodates 3.00" – 6.50" diameter handle.	1	10
PSL-V9	Gate valve lockout, accommodates 6.50" – 10.00" diameter handle.	1	10
PSL-V13	Gate valve lockout, accommodates 10.00" – 13.00" diameter handle.	1	—

Ball Valve Lockout Devices

- Ball valves regulating hydraulic, pneumatic and chemical energy can be locked out quickly and easily
- Accommodates valve diameters ranging from .25" (6.35mm) to 3.00" (76.20mm)
- Constructed of rugged polypropylene providing strength, durability and added security

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-BV1	Ball valve lockout, accommodates .25" – 1.00" valve diameter.	1	10
PSL-BV2	Ball valve lockout, accommodates 1.25" – 3.00" valve diameter.	1	10

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Pneumatic Energy Lockout Device

- Pneumatic energy devices can be locked out quickly and easily without costly tool modifications or inconvenient in-line valves
- When installed on the male pneumatic fitting, prevents the ability to engage into the female fitting
- Universal compact design makes the pneumatic lockout device easy to transport and install on almost any fitting, even in tight spaces
- Rugged stainless steel construction offers superior strength, durability, added security and corrosion resistance

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-PEL	Pneumatic energy lockout, 3.50" diameter x .10" thick (88.90mm x 25.40mm).	1	20

Electrician Lockout Kit

- Kit contains a variety of lockout/tagout devices commonly used by an individual electrician

Part Number	Contents	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-PK-EA	(1) Screwdriver (1) PSL-PK pouch (1) PSL-5RED-LS long shackle padlock with red label (1) PSL-MLD multiple lockout device (1) PSL-WS wall switch lockout device (1) PSL-CBNT “No Tool” universal circuit breaker lockout device (1) PSL-P plug lockout device (5) PVT-30 electricians blocking tags	1	5

Contractor Lockout Kit

- Kit contains a variety of lockout/tagout devices commonly used by electrical contractors

Part Number	Contents	Std. Pkg. Qty.
PSL-KT-CONA	(1) Screwdriver (1) PSL-KT carrying case (3) PSL-5RED-LS long shackle padlocks with red labels (3) PSL-5RED standard shackle padlocks with red labels (1) PSL-1A lockout hasp – 1.00" (25.40mm) jaw diameter (1) PSL-MLD multiple lockout device (3) PSL-WS wall switch lockouts (3) PSL-CBNT “No Tool” universal circuit breaker lockouts (3) PSL-P plug lockouts (15) PVT-98 “EQUIPMENT LOCKOUT OUT BY ...” tags	1

MRO Lockout Kit

- Kit contains a variety of lockout/tagout devices commonly used by maintenance and repair personnel

Part Number	Contents	Std. Pkg. Qty.
PSL-KT-MROA	(1) Screwdriver (1) PSL-BX carrying case (3) PSL-5RED-LS long shackle padlocks with red labels (1) PSL-MLD multiple lockout device (2) PSL-WS wall switch lockouts (2) PSL-CBNT “No Tool” universal circuit breaker lockouts (2) PSL-P plug lockouts (1) PSL-V6A gate valve lockout (1) PSL-V2A gate valve lockout (1) PSL-BV1 ball valve lockout (1) PSL-CL110 110V plug lockout (10) PVT-44 “DO NOT OPERATE” tags	1

Power and Panel Distribution Lockout Kit

- Kit contains a variety of lockout/tagout devices commonly used to isolate electrical distribution panels
- Durable steel case can be wall mounted or used as a portable case

Part Number	Contents	Std. Pkg. Qty.
PSL-KT-PWR	(1) Screwdriver (1) PSL-STATION metal wall mount cabinet (2) PSL-5-RED-LS long shackle padlocks with red labels (1) PSL-MLD multiple lockout device (1) PSL-CBNT “No Tool” universal circuit breaker lockout device (1) PSL-CBILNT “No Tool” circuit breaker lockout device for Square D I-Line^/Federal Pacific (FPE) circuit breakers (2) PSL-CBL large handle circuit breaker lockout devices (1) PSL-P plug lockout (25) PVT-23-Q “DO NOT OPERATE ELECTRICIANS AT WORK” tags	1

^I-LINE is a registered trademark of Square D Company.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Lockout Stations

- Conveniently store padlocks, tags and lockout devices in one common area

Part Number	Part Description	Width		Height		Std. Pkg. Qty.
		In.	mm	In.	mm	
PSL-20S	Lockout station only. 20 person.	24.00	610.00	19.00	483.00	1
PSL-20SWC	Departmental lockout station. 20 person. Components include: (20) PSL-3RED padlocks (keyed differently) (6) PSL-1.5 lockout hasps (25 tags) PVT-98 safety tags (25 tags) PVT-41 safety tags	24.00	610.00	19.00	483.00	1
PSL-10S	Lockout station only. 10 person.	12.00	305.00	19.00	483.00	1
PSL-10SWC	Ten lock station. Components include: (10) PSL-3RED padlocks (keyed differently) (3) PSL-1.5 lockout hasps (15 tags) PVT-98 safety tags (10 tags) PVT-41 safety tags	12.00	305.00	19.00	483.00	1
PSL-4S	Lockout station only. 4 person.	12.00	305.00	9.50	241.00	1
PSL-4SWC	Personal lockout station, 4 person. Components include: (4) PSL-3RED padlocks (keyed differently) (3) PSL-1.5 lockout hasps (15 tags) PVT-98 safety tags	12.00	305.00	9.50	241.00	1

Metal Wall Mount Cabinet

- Conveniently store lockout tools and accessories in one common area
- Durable steel case can be wall-mounted or used as a portable case

Part Number	Part Description	Std. Pkg. Qty.
PSL-STATION	Metal wall mount cabinet.	1

Group Lock Box

- Manage multiple employees and energy sources involved in a group lockout procedure
- Once all energy sources have been locked out, all keys are placed in the lock box until job is finished and work area is cleared
- The leader places a lock on lock box until job is finished and all group members are cleared from work area

Part Number	Part Description	Inside Dimensions		Std. Pkg. Qty.
		In.	mm	
PSL-GLB	Group lock box.	10.00 x 6.00 x 4.00	254.00 x 152.00 x 102.00	1

Safety Lockout Padlocks

- Rugged, lightweight Xenoy‡ plastic body with steel shackle
- Each lock keyed differently and supplied with 1 key and padlock labels in English, Spanish, and French
- .25" (6.00mm) diameter shackle

Part Number	Color	Std. Pkg. Qty.
1.50" (38.10mm) Short Body		
PSL-4BLK	Black	6
PSL-4BLU	Blue	6
PSL-4GRN	Green	6
PSL-4ORG	Orange	6
PSL-4PRP	Purple	6
PSL-4RED	Red	6
PSL-4TEL	Teal	6
PSL-4YEL	Yellow	6
3.00" (76.20mm) Long Body		
PSL-4BLK-LB	Black	6
PSL-4BLU-LB	Blue	6
PSL-4GRN-LB	Green	6
PSL-4ORG-LB	Orange	6
PSL-4PRP-LB	Purple	6
PSL-4RED-LB	Red	6
PSL-4TEL-LB	Teal	6
PSL-4YEL-LB	Yellow	6

These locks can be master keyed or keyed alike and custom engraved.
See Custom Lock Options on page E4.12.
‡Xenoy is a registered trademark of General Electric Company.

High Security Padlocks

- Aluminum padlock with hardened steel shackles
- Powder coated finish resists scratches
- Ideal for corrosive and tough environments
- 30% lighter than laminated steel
- Each lock keyed differently and supplied with 2 keys
- .25" (6.00mm) diameter shackle

Part Number	Color	Std. Pkg. Qty.
1.00" (25.40mm) Shackle		
PSL-11BLK	Black	6
PSL-11BLU	Blue	6
PSL-11GRN	Green	6
PSL-11ORNG	Orange	6
PSL-11RED	Red	6
PSL-11YEL	Yellow	6
3.00" (76.20mm) Shackle		
PSL-11BLK-LS	Black	6
PSL-11BLU-LS	Blue	6
PSL-11GRN-LS	Green	6
PSL-11ORNG-LS	Orange	6
PSL-11RED-LS	Red	6
PSL-11YEL-LS	Yellow	6

These locks can be master keyed or keyed alike and custom engraved.
See Custom Lock Options on page E4.12.

Order number of pieces required, in multiples of Standard Package Quantity.
Prime items appear in **BOLD**.

Laminated Steel Padlocks

- Laminated steel, pin tumbler lock
- Double-locking, case-hardened steel shackle
- Each lock keyed differently and supplied with 2 keys
- .25" (6.00mm) diameter shackle

Part Number	Color	Std. Pkg. Qty.
.75" (19.00mm) Shackle		
PSL-3BLACK	Lock with black bumper	6
PSL-3BLUE	Lock with blue bumper	6
PSL-3GREEN	Lock with green bumper	6
PSL-3RED	Lock with red bumper	6
PSL-3WHITE	Lock with white bumper	6
PSL-3YELLOW	Lock with yellow bumper	6
2.00" (51.00mm) Shackle		
PSL-3BLACK-LS	Lock with black bumper	6
PSL-3BLUE-LS	Lock with blue bumper	6
PSL-3GREEN-LS	Lock with green bumper	6
PSL-3RED-LS	Lock with red bumper	6
PSL-3WHITE-LS	Lock with white bumper	6
PSL-3YELLOW-LS	Lock with yellow bumper	6

These locks are not suitable for custom engraving.
See Custom Lock Options on this page.

Value Line Padlocks

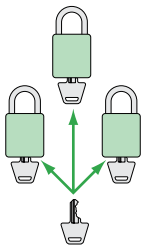
- Economical padlock has laminated steel body with case hardened, corrosion resistant steel shackle and double steel ball locking system
- All locks have black bumpers and are supplied with color coded self-laminating padlock labels
- Each lock keyed differently and supplied with 2 keys and colored padlock label

Part Number	Color	Std. Pkg. Qty.
.75" (19.00mm) Shackle		
PSL-5BLK	Black padlock label	6
PSL-5BLU	Blue padlock label	6
PSL-5GRN	Green padlock label	6
PSL-5RED	Red padlock label	6
PSL-5WHT	White padlock label	6
PSL-5YEL	Yellow padlock label	6
2.00" (51.00mm) Shackle		
PSL-5RED-LS	Red padlock label	6

These locks not suitable for custom engraving and can not be master keyed or keyed alike.
Labels are designed with blank write-on area for name and department designation and can be clearly identified with *PANDUIT* permanent marking pens, page B1.48.

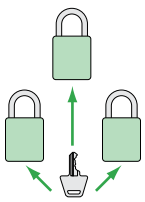
Custom Lock Options

Individually Keyed



Master Key

Keyed-Alike Systems

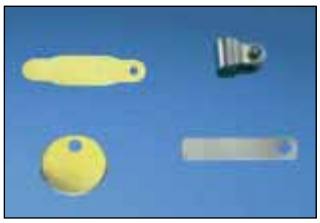


Padlocks are available with the following common lock options:

- Master keyed
- Keyed-alike
- Variety of lock sizes and shackle lengths
- Engraving available on PSL-4 Safety Lockout and PSL-11 High Security Padlocks

Note: Excludes PSL-5 Value Line Padlocks.

Metal I.D. Tags and Collars



Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-TG1	Brass padlock identification tag.	12	48
PSL-SC	Padlock shackle collar and rivet.	12	48
MTB1D-Q	Brass identification tag 1.00" (25.40mm) diameter.	25	250
MT172W38-C	Stainless steel tag 1.72" x .38" (43.68mm x 9.65mm).	100	1000

Fixturing for all brass and stainless steel tags is available for use with the Manual Indenter Marking Press.

Padlock Eyes

- Padlock eyes assist with compliance to OSHA standards requiring that equipment be modified to accept locks and lockout devices
- Surface mounted eyes are made of .13" (3.00mm) hard wrought steel
- Tamper resistant inside mounting eyes – 2.50" (64.00mm) wide, accept shackle diameters up to .63" (16.00mm)

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-PE1	Padlock eyes, angled (metal mounting screws included).	1	10
PSL-PE2	Padlock eyes, straight (wood mounting screws included).	1	10

Chain Attachment

- Optional 9.00" (229.00mm) chain for permanently attaching lockouts at pre-designed locations

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
PSL-PC	Heavy duty zinc plated steel chain with chain holder attached.	1	10

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Warning Label

- Warning label prohibits tampering with push buttons during repair or service
- Write-on area for adding your own warning message
- Made of vinyl cloth material that allows label to be removed easily after repairs are completed
- Features the international prohibition symbol for "Do Not Throw Switch"

Material Chart

Material	Print Method	Temperature Range	Features
Vinyl Cloth, White	Pre-Printed	-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surfaces.

Part Number	Part Description	Width		Height		Markers Per Book	Std. Pkg. Qty. (Book)	Std. Ctn. Qty. (Books)
		In.	mm	In.	mm			
PSL-CBWL	Warning label	4.84	123.00	.54	14.00	60	1	10

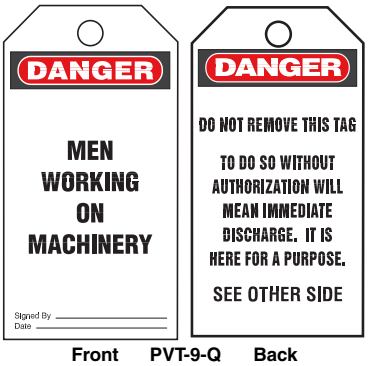
Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48.

Write-On Safety Tags

- Meets OSHA Standard 1910.147 requirements for tagout applications
- Semi-rigid plastic tags are 3.00" (76.00mm) wide x 5.75" (146.00mm) high with a .38" (9.00mm) brass grommet for greater strength and increased durability
- Tags can be attached with a lockout device or with a *PANDUIT* PLT2S nylon tie (50 lb. loop tensile strength)
- PVT-* Package consists of five tags and five cable ties
- PVT-*-Q Package consists of 25 tags and 25 cable ties
- Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48

Material Chart

Material	Print Method	Temperature Range	Features
Rigid Vinyl	Pre-Printed	-40°F to 150°F (-40°C to 66°C)	Indoor/outdoor rated; rigid material accepts ink; resistant to UV light, chemical atmosphere and abrasion; excellent for applications where adhesives will not work.

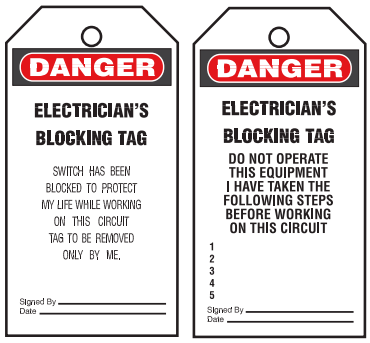


Front PVT-9-Q Back

Front PVT-15 Back

Front PVT-23 Back

Write-On Safety Tags (continued)



Front PVT-30 Back
PVT-30-Q

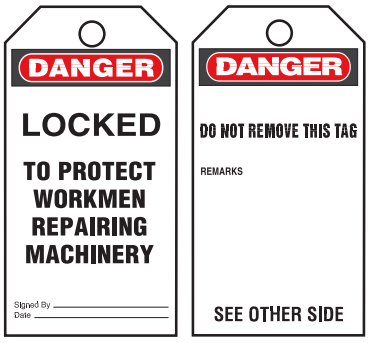
Front PVT-41 Back

Front PVT-42-Q Back

Front PVT-43 Back

Front PVT-44 Back
PVT-44-Q

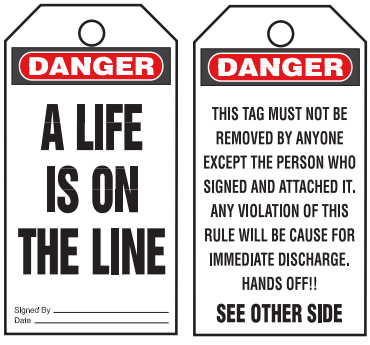
Front PVT-56-Q Back



Front PVT-57-Q Back

Front PVT-62-Q Back

Front PVT-96 Back
PVT-96-Q



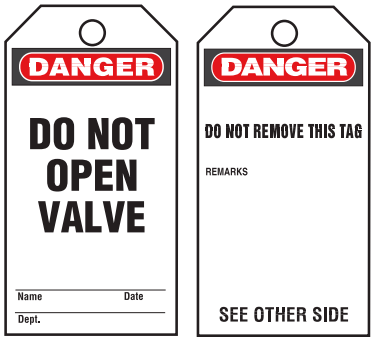
Front PVT-97 Back
PVT-97-Q

Front PVT-98 Back
PVT-98-Q

Front PVT-99 Back

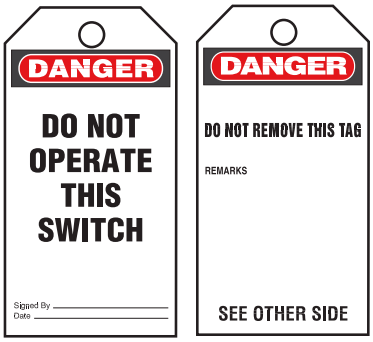
Write-On Safety Tags (continued)

Front PVT-148-Q Back

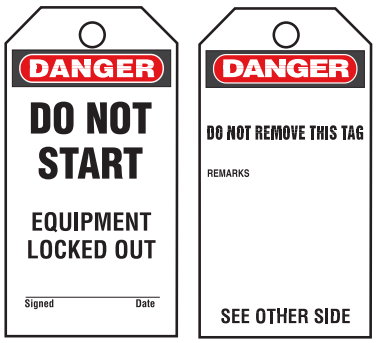


Front PVT-150-Q Back

Front PVT-153-Q Back



Front PVT-155-Q Back

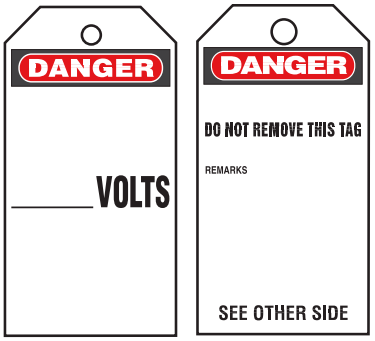


Front PVT-156-Q Back

Front PVT-157-Q Back

Front PVT-158-Q Back

Front PVT-160-Q Back

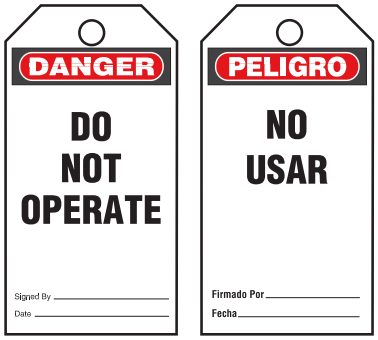


Front PVT-238-Q Back

Bilingual Write-On Safety Tags

- Meets OSHA Standard 1910.147 requirements for tagout applications
- Semi-rigid plastic tags are 3.00" (76.00mm) wide x 5.75" (146.00mm) high with a .38" (9.00mm) brass grommet for greater strength and increased durability
- Tags can be attached with a lockout device or with a *PANDUIT* PLT2S nylon tie (50 lb. loop tensile strength)
- Package consists of 25 tags and 25 cable ties
- Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48

Front PVT-97S-Q Back



Front PVT-161-Q Back

Front PVT-165-Q Back

Self-Laminating Photo Tags

- Semi-rigid plastic tags with polyester laminate to protect photos and other written data are 3.00" (76.00mm) wide and 5.75" (146.00mm) high with a .38" (9.00mm) brass grommet for greater strength and durability
- Tags have write-on surface and can be attached with a lockout device or with a *PANDUIT* PLT2S nylon tie (50 lb. loop tensile strength) supplied with each tag
- Package consists of five tags and five cable ties
- Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48

Front PST-3 Back

Front PST-12 Back

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

ISO Symbol Safety Tags

- Meets International Organization for Standardization (ISO) to communicate safety information
- Semi-rigid plastic tags are 3.00" (76.00mm) wide x 5.75" (146.00mm) high with a .38" (9.00mm) brass grommet for greater strength and durability
- Tags have write-on surface and can be attached with a lockout device or with a *PANDUIT* PLT2S nylon tie (50 lb. loop tensile strength) supplied with each tag
- Package consists of five tags and five cable ties
- Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48

Front PVT-110-F Back

Front PVT-111 Back

Front PVT-112 Back

Circuit Breaker Directory Sign

- Adhesive paper sign designed to provide clear identification of circuit breaker connections, list up to 40 circuits
- Eliminate the guesswork when identifying power sources – a must for lockout/tagout compliance

Material Chart

Material	Print Method	Temperature Range	Features
Paper	Pre-Printed	-65°F to 200°F (-54°C to 93°C)	Indoor rated; general purpose material; excellent adhesion properties when applied to a clean, dry surface.

Part Number	Part Description	Color (Legend/Background)	Labels Per Pkg.	Width		Height		Std. Pkg. Qty.	Std. Ctn. Qty.
				In.	mm	In.	mm		
PES-S1	Circuit breaker directory sign.	Red and Black/White	5	13.00	330.00	5.50	140.00	1	20

Signs

Material Chart

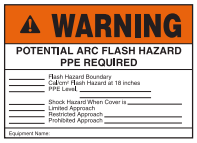
Material	Print Method	Temperature Range	Features
Polyester (PPS)	Pre-Printed	-40°F to 275°F (-40°C to 135°C)	Indoor/outdoor rated; laminated label material protects legend from abrasion and chemicals; resistant to UV light chemical atmosphere and abrasion; excellent life and adhesion properties.
Rigid Polyethylene (PRS)		-105°F to 250°F (-76°C to 121°C)	Indoor/outdoor rated; high quality, rugged material resistant to abrasion; use where adhesives will not work.
Vinyl (PVS)		-40°F to 200°F (-40°C to 93°C)	Indoor rated; overlaminated, economical general purpose material; excellent adhesion properties when applied to a clean, dry surface.

Size Reference Chart

Part Number	Width		Height		Signs per Card
	In.	mm	In.	mm	
0109	9.00	228.60	1.50	38.10	1
0204	4.50	114.30	2.25	57.15	2
0209	9.00	228.60	2.25	57.15	1
0305	5.00	127.00	3.50	88.90	1
0503	3.00	76.20	5.00	127.00	2
0507	7.00	177.80	5.00	127.00	1
0509	9.00	228.60	5.00	127.00	1
0710	10.00	254.00	7.00	177.80	1
1014	14.00	355.60	10.00	254.00	1

*Denotes the part number's prefix and suffix.

PPS0204W2100
PPS0305W2100
PPS0507W2100



PVS0305W2101Y ^
PVS0507W2101Y ^

PVS0204C171Y

PVS0204C179Y

PVS0305C174Y
PVS0505C174Y

PVS0710C173Y

PVS0710C180Y

PPS0710D72
PRS0710D72
PRS1014D72
PVS0109D72Y
PVS0204D72Y
PVS0710D72Y

PVS0204D100Y

PRS1014B364
PVS0509B364Y
PVS0710B364Y

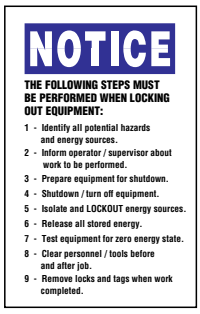
PVS0204W172Y

PVS0209D445Y

PVS0204C176Y

PVS0204C177Y

PVS0204C178Y



PVS0503N458Y

^Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Safety and Facility Identification Products

PANDUIT offers a full line of safety and facility identification products to ensure employee safety with an effectively identified workplace.

- Safety signs and labels offered in a variety of materials, colors, sizes and legends
- Voltage markers in adhesive and snap-on style
- Utility tapes in a variety of materials, colors, sizes and legends
- Letters and numbers in a variety of materials and sizes
- Tags in a variety of materials, colors, size and legends

PANDUIT safety and facility identification products are designed to assist you with creating a safe, compliant and efficient workplace.

Safety Signs

Material Chart

Material	Print Method	Temperature Range	Features
Polyester (PPS)	Pre-Printed	-40°F to 275°F (-40°C to 135°C)	Indoor/outdoor rated; laminated label material protects legend from abrasion and chemicals; resistant to UV light chemical atmosphere and abrasion; excellent life and adhesion properties.
Rigid Polyethylene (PRS)		-105°F to 250°F (-76°C to 121°C)	Indoor/outdoor rated; high quality, rugged material resistant to abrasion; use where adhesives will not work.
Vinyl (PVS)		-40°F to 200°F (-40°C to 93°C)	Indoor rated; overlaminated, economical general purpose material; excellent adhesion properties when applied to a clean, dry surface.

Size Reference Chart

Part Number	Width		Height		Signs Per Card
	In.	mm	In.	mm	
0109	9.00	228.60	1.50	38.10	5
0204	4.50	114.30	2.25	57.15	5
0305	5.00	127.00	3.50	88.90	5
0507	7.00	177.80	5.00	127.00	5
0509	9.00	228.60	5.00	127.00	5
0514	14.00	355.60	5.00	127.00	5
0710	10.00	254.00	7.00	177.80	1
1007	10.00	254.00	7.00	177.80	1
1014	14.00	355.60	10.00	254.00	1
1420	20.00	508.00	14.00	355.60	1

*Denotes the part numbers prefix and suffix.

PPS0204W2100
PPS0305W2100
PPS0507W2100

PVS0305W2101Y^
PVS0507W2101Y^

PPS0710C141

PPS0710D28^

PPS0710D66

PRS0710D68

PPS0710D70
PRS1014D70

PRS1014D71

PPS0710D72
PRS0710D72
PRS1014D72
PVS0109D72Y
PVS0204D72Y
PVS0710D72Y

PPS0305D73
PPS0710D73
PPS1014D73
PRS1014D73

PPS0305D75
PPS0710D75
PRS1420D75

PPS0710D77

PVS0204D100Y

PPS0305C174
PVS0305C174Y
PVS0505C174Y

PPS0514B363

PPS0710B364
PRS0710B364
PRS1014B364
PVS0509B364Y
PVS0710B364Y

PRS1014D79

PRS0910D453

PPS0710N203

^Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Electrical Symbols on Cards

Material Chart

Material	Print Method	Temperature Range	Features
Vinyl Cloth	Pre-Printed	-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surfaces.

Part Number	Symbol	Description	Marker Size		Markers Per Card	Std. Pkg. Card(s)	Std. Ctn. Card(s)
			In.	mm			
PESC-H-AT		WARNING OF DANGEROUS ELECTRICAL VOLTAGE	.51 x .51	13.00 x 13.00	68	10	100
PESC-J-AT			.75 x .75	19.00 x 19.00	36	10	100
PESC-H-E		EARTH (GROUND)	.51 x .51	13.00 x 13.00	68	10	200
PESC-J-E			.75 x .75	19.00 x 19.00	36	10	100
PESC-H-EC		SAFETY FUNCTION	.51 x .51	13.00 x 13.00	68	10	200
PESC-J-EC			.75 x .75	19.00 x 19.00	36	10	100
PESC-H-HT		STATIC SENSITIVE DEVICE – HANDLING PRECAUTIONS REQUIRED	.51 x .51	13.00 x 13.00	68	10	100
PESC-J-HT			.75 x .75	19.00 x 19.00	36	10	100
PESC-H-PE		PROTECTIVE CONDUCTOR	.51 x .51	13.00 x 13.00	68	10	100
PESC-J-PE			.75 x .75	19.00 x 19.00	36	10	100

Conductor Identification Labels

Material Chart

Material	Print Method	Temperature Range	Features
Polyester	Pre-Printed	-40°F to 250°F (-40°C to 121°C)	Indoor/outdoor rated; laminated label material protects legend from abrasion and chemicals; resistant to UV light, chemical atmosphere and abrasion; excellent life and adhesion properties.

Part Number	Symbol	Legend	Marker Diameter In.	Marker Diameter mm	Markers Per Sheet	Std. Pkg. Sheet(s)	Std. Ctn. Sheet(s)
PESS-A-CE		CE SYMBOL	.49	12.50	20	10	100
PESS-B-CE			.63	16.00	20	10	100
PESS-C-CE			.79	20.00	10	10	100
PESS-D-CE			.98	25.00	10	10	100
PESS-E-CE			1.24	31.50	10	10	100
PESS-A-ES		EARTH (GROUND)	.49	12.50	20	10	100
PESS-B-ES			.63	16.00	20	10	100
PESS-C-ES			.79	20.00	10	10	100
PESS-D-ES			.98	25.00	10	10	100
PESS-E-ES			1.24	31.50	10	10	100
PESS-A-L1		OUTER CONDUCTOR – L1	.49	12.50	20	10	100
PESS-B-L1			.63	16.00	20	10	100
PESS-C-L1			.79	20.00	10	10	100
PESS-D-L1			.98	25.00	10	10	100
PESS-E-L1			1.24	31.50	10	10	100
PESS-B-L2		OUTER CONDUCTOR 2 – L2	.63	16.00	20	10	100
PESS-C-L2			.79	20.00	10	10	100
PESS-A-L2			.49	12.50	20	10	100
PESS-D-L2			.98	25.00	10	10	100
PESS-E-L2			1.24	31.50	10	10	100
PESS-A-L3		OUTER CONDUCTOR 3 – L3	.49	12.50	20	10	100
PESS-B-L3			.63	16.00	20	10	100
PESS-C-L3			.79	20.00	10	10	100
PESS-D-L3			.98	25.00	10	10	100
PESS-E-L3			1.24	31.50	10	10	100
PESS-A-LF		LEAD FREE SYMBOL	.49	12.50	20	10	100
PESS-A-N		NEUTRAL CONDUCTOR – N	.49	12.50	20	10	100
PESS-B-N			.63	16.00	20	10	100
PESS-C-N			.79	20.00	10	10	100
PESS-D-N			.98	25.00	10	10	100
PESS-A-PE		PROTECTIVE CONDUCTOR – PE	.49	12.50	20	10	100
PESS-A-ROHS		RoHS COMPLIANT SYMBOL	.49	12.50	20	10	100
PESS-A-SS		SAFETY FUNCTION	.49	12.50	20	10	100
PESS-B-SS			.63	16.00	20	10	100
PESS-C-SS			.79	20.00	10	10	100
PESS-D-SS			.98	25.00	10	10	100

Order number of cards required.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

ISO Warning Symbols

Material Chart

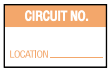
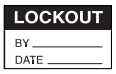
Material	Print Method	Temperature Range	Features
Paper (WL1, WL3)	Pre-Printed	-65°F to 200°F (-54°C to 80°C)	Indoor rated; general purpose and material; excellent adhesion properties when applied to a clean, dry surface.
Polyester (WL25)		-40°F to 250°F (-54°C to 93°C)	Indoor/outdoor rated; laminated label material protects legend from abrasion and chemicals; resistant to UV light, chemical atmosphere and abrasion; excellent life and adhesion properties.
Vinyl (PESW, WL32Y, WL33Y, WL35Y, WL36Y)		-40°F to 176°F (-40°C to 80°C)	Indoor/outdoor rated; laminated label material protects legend from abrasion and chemicals; resistant to UV light, chemical atmosphere and abrasion; excellent life and adhesion properties.

Part Number	Symbol	Description	Triangle Width In.	Triangle Width mm	Markers Per Card/Pkg	Std. Pkg. Card(s)	Std. Ctn. Card(s)
Cards							
PESW-A-1Y		CAUTION – RISK OF ELECTRIC SHOCK	.50	13.00	10	10	200
PESW-B-1Y			1.00	25.40	10	10	200
PESW-C-1Y			2.00	50.80	10	10	200
PESW-D-1Y			3.90	99.06	3	10	200
PESW-E-1Y			7.90	200.66	1	10	200
PESW-A-6Y		CAUTION – RISK OF IONIZING RADIATION	.50	13.00	10	10	100
PESW-B-6Y			1.00	25.40	10	10	100
PESW-C-6Y			2.00	50.80	10	10	100
PESW-D-6Y			3.90	99.06	3	10	100
PESW-E-6Y			7.90	200.66	1	10	100
PESW-A-8Y		CAUTION – LASER BEAM	.50	13.00	10	10	200
PESW-B-8Y			1.00	25.40	10	10	200
PESW-C-8Y			2.00	50.80	10	10	100
PESW-D-8Y			3.90	99.06	3	10	100
PESW-E-8Y			7.90	200.66	1	10	100
PESW-A-9Y		CAUTION – GENERAL WARNING, RISK OF DANGER	.50	13.00	10	10	200
PESW-B-9Y			1.00	25.40	10	10	200
PESW-C-9Y			2.00	50.80	10	10	100
PESW-D-9Y			3.90	99.06	3	10	100
PESW-E-9Y			7.90	200.66	1	10	100
PESW-A-11Y		WARNING OF STATIC SENSITIVE DEVICE	.50	13.00	10	10	100
PESW-B-11Y			1.00	25.40	10	10	100
PESW-C-11Y			2.00	50.80	10	10	100
PESW-D-11Y			3.90	99.06	3	10	100
PESW-E-11Y			7.90	200.66	1	10	100
Rolls							
WL1		STATIC AWARENESS WARNING	2.00	50.80	500	1	10
WL3			2.00	50.80	500	1	10
WL25		WARNING ACCESS TO THIS PANEL ...	3.50	88.90	50	1	10
WL32Y		RISK OF ELECTRIC SHOCK SYMBOL	1.50	38.10	50	1	10
WL33Y			4.50	114.30	50	1	10
WL35Y		CAUTION – HOT SURFACE WARNING	2.00	50.80	50	1	10
WL36Y		WARNING – HOT SURFACE WARNING	2.00	50.80	50	1	10

Electrical Labels in Dispenser

Material Chart

Material	Print Method	Temperature Range	Features
Polyester	Pre-Printed	-40°F to 250°F (-40° to 121°C)	Indoor/outdoor rated; laminated label material protects legend from abrasion and chemicals; resistant to UV light chemical atmosphere and abrasion; excellent life and adhesion properties.

Part Number	Symbol	Description	Width In.	Width mm	Height In.	Height mm	Labels Per Pkg.	Std. Pkg. Dispenser(s)	Std. Ctn. Dispenser(s)
Dispensers									
PLD-12^		CIRCUIT NO., LOCATION	1.50	38.10	1.00	25.40	200	1	10
PLD-30^		CAUTION	1.50	38.10	1.00	25.40	200	1	10
PLD-36		CAUTION 120V	1.50	38.10	1.00	25.40	200	1	10
PLD-37		CAUTION 220V	1.50	38.10	1.00	25.40	200	1	10
PLD-38		CAUTION 240V	1.50	38.10	1.00	25.40	200	1	10
PLD-43^		DANGER HIGH VOLTAGE	1.50	38.10	1.00	25.40	200	1	10
PLD-45		CAUTION 230V	1.50	38.10	1.00	25.40	200	1	10
PLD-46		CAUTION 277V	1.50	38.10	1.00	25.40	200	1	10
PLD-47		CAUTION 277/480V	1.50	38.10	1.00	25.40	200	1	10
PLD-52		ATTENTION SYMBOL	1.50	38.10	1.00	25.40	200	1	10
PLD-56		HIGH VOLTAGE SYMBOL	1.50	38.10	1.00	25.40	200	1	10
PLD-57		GROUND SYMBOL	.75	19.10	.75	19.10	300	1	10
PLD-58		STATIC AWARENESS WARNING	1.50	38.10	1.00	25.40	200	1	10
PLD-60		STATIC AWARENESS WARNING	3.00	76.20	1.00	25.40	100	1	10
PLD-67		DANGER HIGH VOLTAGE	1.50	38.10	1.00	25.40	200	1	10
PLD-68^		LOCKOUT BY _____ DATE _____	1.50	38.10	1.00	25.40	200	1	10
PLD-71		WARNING – FOR CONTINUED PROTECTION ...	2.00	50.80	1.00	25.40	150	1	10
PLD-72		CAUTION LOCK OUT FOR SAFETY BEFORE ...	1.50	38.10	1.00	25.40	200	1	10
PLD-74		CAUTION HAZARD OF ELECTRIC SHOCK	1.50	38.10	1.00	25.40	200	1	10
PLD-81		SERVICE DISCONNECT	1.50	38.10	1.00	25.40	200	1	10
PLD-91		CAUTION 480V	1.50	38.10	1.00	25.40	200	1	10

^Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48.

 Order number of pieces required, in multiples of Standard Package Quantity. Prime items appear in **BOLD**.

Write-On Quality Labels in Dispenser

Material Chart

Material	Print Method	Temperature Range	Features
Polyester	Pre-Printed	-40°F to 250°F (-40° to 121°C)	Indoor/outdoor rated; laminated label material protects legend from abrasion and chemicals; resistant to UV light chemical atmosphere and abrasion; excellent life and adhesion properties.

Part Number^	Symbol	Legend	Width		Height		Labels Per Dispenser	Std. Pkg. Dispenser(s)	Std. Ctn. Dispenser(s)
			In.	mm	In.	mm			
PLD-17		BLANK	1.50	38.10	1.00	25.40	200	1	10
PLD-18		BLANK						1	10
PLD-3	CALIBRATION BY DATE DUE	CALIBRATION, BY, DATE, DUE						1	10
PLD-4	ACCEPTED BY DATE	ACCEPTED, BY, DATE						1	10
PLD-7	TESTED DATE BY	TESTED, DATE, BY						1	10
PLD-11	DO NOT USE AFTER	DO NOT USE AFTER						1	10
PLD-22	CALIBRATION BY DATE DUE	CALIBRATION, BY, DATE, DUE						1	10
PLD-28	INSPECTED DATE INITIALS	INSPECTED, BY, DATE						1	10
PLD-29	MAINTENANCE BY DATE	MAINTENANCE, BY, DATE						1	10

^Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48.

Write-On Labels on Cards

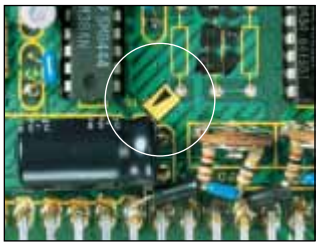
Material Chart

Material	Print Method	Temperature Range	Features
Vinyl Cloth	Pre-Printed	-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surfaces.

Part Number^	Symbol	Description	Width		Height		Markers Per Card	Std. Pkg. Card(s)	Std. Ctn. Card(s)
			In.	mm	In.	mm			
PCWL-BL		BLANK	1.50	38.10	.63	15.90	14	25	100
PCWL-ACC	ACCEPTED BY DATE	ACCEPTED						25	100
PCWL-CAL	CALIBRATION BY DATE DUE	CALIBRATION						25	100
PCWL-CALD	CALIBRATED BY DATE DUE	CALIBRATED						25	100
PCWL-ICAL	CALIBRATION BY DATE DUE GAGE ID	CALIBRATION						25	100
PCWL-REJ	REJECTED DATE REASON BY	REJECTED						25	100

^Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48.

Inspection Arrows



Material Chart

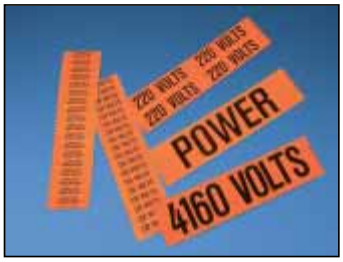
Material	Print Method	Temperature Range	Features
Vinyl Cloth	Pre-Printed	-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surfaces.

Part Number	Symbol	Width		Height		Markers Per Card	Std. Pkg. Card(s)	Std. Pkg. Card(s)
		In.	mm	In.	mm			
PARW125-RED		.13	3.00	.19	5.00	576	25	—
PARW125-YEL		.13	3.00	.19	5.00	576	25	100

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Voltage and Fiber Optic Markers



Style	Width		Length		Pipe/Conduit O.D. Range		Markers Per Card
	In.	mm	In.	mm	In.	mm	
A	9.00	228.00	2.25	57.10	3.00 – Over	76.20 – Over	1
B	4.50	114.30	1.13	28.60	1.25 – 3.00	31.70 – 76.20	4
C	2.20	57.10	.50	12.70	1.25 – Under	31.70 – Under	18

Material Chart

Material	Print Method	Temperature Range	Features
Vinyl (PCV)	Pre-Printed	-40°F to 200°F (-40°C to 93°C)	Indoor rated; overlaminated, economical general purpose material; excellent adhesion properties when applied to a clean, dry surface.

Part Number			Legend	Color (Legend/Background)	Std. Pkg. Qty.	Std. Ctn. Qty.
Style A	Style B	Style C*				
PCV-110AY	PCV-110BY	PCV-110CY	110 Volts	Black/Orange	5	50
PCV-115AY	PCV-115BY	PCV-115CY	115 Volts		5	50
PCV-120/208AY	PCV-120/208BY	PCV-120/208CY	120/208 Volts		5	50
PCV-120AY	PCV-120BY	PCV-120CY	120 Volts		5	50
PCV-12470AY	PCV-12470BY	PCV-12470CY	12470 Volts		5	50
PCV-13200AY	PCV-13200BY	PCV-13200CY	13200 Volts		5	50
PCV-13800AY	PCV-13800BY	PCV-13800CY	13800 Volts		5	50
PCV-1PHAY	PCV-1PHBY	PCV-1PHCY	Single Phase		5	50
PCV-208AY	PCV-208BY	PCV-208CY	208 Volts		5	50
PCV-220AY	PCV-220BY	PCV-220CY	220 Volts		5	50
PCV-2300AY	PCV-2300BY	PCV-2300CY	2300 Volts		5	50
PCV-230AY	PCV-230BY	PCV-230CY	230 Volts		5	50
PCV-2400AY	PCV-2400BY	PCV-2400CY	2400 Volts		5	50
PCV-240AY	PCV-240BY	PCV-240CY	240 Volts		5	50
PCV-277/480AY	PCV-277/480BY	PCV-277/480CY	277/480 Volts		5	50
PCV-277AY	PCV-277BY	PCV-277CY	277 Volts		5	50
PCV-380AY	PCV-380BY	PCV-380CY	380 Volts		5	50
PCV-3PHAY	PCV-3PHBY	PCV-3PHCY	Three Phase		5	50
PCV-415AY	PCV-415BY	PCV-415CY	415 Volts		5	50
PCV-4160AY	PCV-4160BY	PCV-4160CY	4160 Volts		5	50
PCV-440AY	PCV-440BY	PCV-440CY	440 Volts		5	50
PCV-460AY	PCV-460BY	PCV-460CY	460 Volts		5	50
PCV-480AY	PCV-480BY	PCV-480CY	480 Volts		5	50
PCV-600AY	PCV-600BY	PCV-600CY	600 Volts		5	50
PCV-BLANKAY	PCV-BLANKBY	PCV-BLANKCY	Blank – No Legend		5	50
PCV-ESAY	PCV-ESBY	PCV-ESCY	Emergency Service		5	50
PCV-FAAY	PCV-FABY	PCV-FACY	Fire Alarm		5	50
PCV-FOAY	PCV-FOBY	PCV-FOCY	Fiber Optic		5	50
PCV-FOCAY	PCV-FOCBY	PCV-FOCCY	Fiber Optic		5	50
PCV-MAINAY	PCV-MAINBY	PCV-MAINCY	Main		5	50
PCV-TELEAY	PCV-TELEBY	PCV-TELECY	Telephone		5	50

*Style C markers, legend "Volts" is abbreviated as "V".

Voltage and Fiber Optic Markers (continued)

Style	Width		Length		Pipe/Conduit O.D. Range		Markers Per Card
	In.	mm	In.	mm	In.	mm	
M	14.00	355.60	23.00	584.20	2.25 – 6.00	57.20 – 152.40	1
R	8.00	230.20	8.00	230.20	.75 – 2.25	19.10 – 57.20	1

Material Chart

Material	Print Method	Temperature Range	Features
Polyester	Pre-Printed	-40°F to 275F (-40°C to 135°C)	Indoor/outdoor rated; laminated, pre-coiled material protects legend from abrasion and chemicals; resistant to UV light chemical atmosphere and abrasion.

Part Number		Legend	Color (Legend/Background)	Std. Pkg. Qty.	Std. Ctn. Qty.
Style M	Style R				
	PCV-120R	120 Volts	Black/Orange	1	25
	PCV-480R	480 Volts		1	25
PCV-FOM	PCV-FOR	Fiber Optic		1	25

Voltage and Safety Marker Books

Material Chart

Material	Print Method	Temperature Range	Features
Vinyl	Pre-Printed	-40°F to 200°F (-40°C to 93°C)	Indoor rated; overlaminated, economical general purpose material; excellent adhesion properties when applied to a clean, dry surface.

Part Number	Legend	Markers Per Page	Markers Per Book	Std. Qty. Book(s)
Voltage Markers 1.50" x 3.25" (38.00mm x 82.00mm)				
PCVB-110-Y	110 Volts	3	30	1
PCVB-220-Y	220 Volts			
PCVB-277-Y	277 Volts			
PCVB-277/480-Y	277/480 Volts			
PCVB-440-Y	440 Volts			
PCVB-480-Y	480 Volts			
PCVB-4160-Y	4160 Volts			
Safety Markers 1.50" x 3.25" (38.00mm x 82.00mm)				
PSSB-13	Danger High Voltage	3	30	1

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Hazard Tape

Material Chart

Material	Print Method	Temperature Range	Features
Vinyl	Pre-Printed	-20°F to 175°F (-29°C to 79°C)	Indoor rated; color coded for quick identification; can be used in place of paint; excellent adhesion properties when applied to a clean, dry surface.

Part Number	Part Description	Width		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	ft	M		
HT2S-BLK-YELY	Black/yellow stripe, adhesive continuous tape.	2.00	50.80	54.0	16.5	1	12
HT2S-RED-WHTY	Red/white striped, adhesive continuous tape.	2.00	50.80	54.0	16.5	1	12
HT3S-BLK-YELY	Black/yellow striped, adhesive continuous tape.	3.00	76.20	54.0	16.5	1	10
HT3S-RED-WHTY	Red/white striped, adhesive continuous tape.	3.00	76.20	54.0	16.5	1	10

Solid Color Adhesive Warning Tape

Material Chart

Material	Print Method	Temperature Range	Features
Vinyl	Pre-Printed	-20°F to 175°F (-29°C to 79ºC)	Indoor rated; color coded for quick identification; can be used in place of paint; excellent adhesion properties when applied to a clean, dry surface.

Part Number	Color	Width		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	ft	M		
HT2-BLUY	Blue	2.00	50.80	180.0	55.0	1	5
HT2-GRNY	Green	2.00	50.80	180.0	55.0	1	5
HT2-ORNY	Orange	2.00	50.80	180.0	55.0	1	5
HT2-REDY	Red	2.00	50.80	180.0	55.0	1	5
HT2-WHTY	White	2.00	50.80	180.0	55.0	1	5
HT2-YELY	Yellow	2.00	50.80	180.0	55.0	1	5

Photoluminescent Tapes

Normal Lighting

Blackout

- Use to mark safety egress routes and to create safety signage that is clearly visible for up to 10 hours after power is lost
- Absorbs energy from ambient light and releases this energy in the form of a glow when power is lost
- Can be used in the *PANDUIT* thermal transfer desktop printers to create direction arrow tape, striped tape or safety signs on demand
- *PANDUIT* Photoluminescent Tapes meet or exceed the following safety standard specification for photoluminescent safety markings including: ASTM E 2072-00, ASTM E 2073-00, ASTM E 2030-99, DIN67510-1, IMO Resolution A.752.18, ISO/CD 15370, DIN 67510, UL924, ASTM 162, ASTM 648, ASTM 662, MIL-L-3891 B, NFPA 101 Life Safety Code, OSHA 1910.137

Material Chart

Material	Print Method	Temperature Range	Features
Polyester, Photoluminescent (Y2)	Thermal Transfer (T)	-40°F to 230°F (-40°C to 110°C)	Indoor/outdoor rated; provides durability, high temperature resistance and dimensional stability; does not stretch or easily tear; after power is lost, material emits glow that is clearly visible for up to 10 hours.

Part Number	Part Description	Width		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	ft	M		
T200X000Y2T	Photoluminescent, polyester tape.	2.00	50.80	15.00	4.5	1	4
T400X000Y2T	Photoluminescent, polyester tape.	4.00	101.60	15.0	4.5	1	4

Underground Hazard Tape

Material Chart

Material	Print Method	Temperature Range	Features
Polyethylene (HTU, HTB)	Pre-Printed	-30°F to 200°F (-34°C to 93°C)	Indoor/outdoor rated; designed for direct burial; highly visible legend is protected from abrasion and chemicals; resistant to UV light, chemical atmosphere and abrasion; will not biodegrade.
Detectible Laminated Aluminum (HTDU)	Pre-Printed	-30°F to 220°F (-34°C to 104°C)	Indoor/outdoor rated; aluminum embedded material is designed for direct burial; highly visible legend is protected from abrasion and chemicals; resistant to UV light, chemical atmosphere and abrasion; will not biodegrade.

Part Number	Legend	Color (Legend/Background)	Height		Length		Std. Pkg. Qty.
			In.	mm	ft	M	
Laminated Detectable Aluminum							
HTDU2B-W	CAUTION CAUTION CAUTION WATER LINE BURIED BELOW	Black/Blue	2.00	50.80	1000.0	305.0	1
HTDU2O-FO	CAUTION CAUTION CAUTION FIBER OPTIC CABLE BURIED BELOW	Black/Orange					1
HTDU2O-T	CAUTION CAUTION CAUTION TELEPHONE LINE BURIED BELOW	Black/Orange					1
HTDU2R-E	CAUTION CAUTION CAUTION ELECTRIC LINE BURIED BELOW	Black/Red					1
HTDU3O-FO	CAUTION CAUTION CAUTION FIBER OPTIC CABLE BURIED BELOW	Black/Orange	3.00	76.00	1000.0	305.0	1
HTDU3O-T	CAUTION CAUTION CAUTION TELEPHONE LINE BURIED BELOW	Black/Orange					1
HTDU3R-E	CAUTION CAUTION CAUTION ELECTRIC LINE BURIED BELOW	Black/Red					1
HTDU6O-FO	CAUTION CAUTION CAUTION FIBER OPTIC CABLE BURIED BELOW	Black/Orange	6.00	152.0	1000.0	305.0	1
HTDU6O-T	CAUTION CAUTION CAUTION TELEPHONE LINE BURIED BELOW	Black/Orange					1
HTU6R-E	CAUTION CAUTION CAUTION TELEPHONE LINE BURIED BELOW	Black/Orange					1
HTDU6R-E	CAUTION CAUTION CAUTION ELECTRIC LINE BURIED BELOW	Black/Red					1
Polyethylene							
HTU3G-T-M	CAUTION CAUTION CAUTION CABLE TELEPHONE LINE BURIED BELOW	Black/Green	3.00	76	1000.0	305.0	1
HTU3O-FO-M	CAUTION CAUTION CAUTION BURIED FIBER OPTIC CABLE	Black/Orange					1
HTU3O-T-M	CAUTION CAUTION CAUTION TELEPHONE LINE BURIED BELOW	Black/Orange					1
HTU3R-E-M	CAUTION CAUTION CAUTION ELECTRIC LINE BURIED BELOW	Black/Red					1
HTU3Y-E-M	CAUTION CAUTION CAUTION ELECTRIC LINE BURIED BELOW	Black/Yellow					1
HTDU6R-E	CAUTION CAUTION CAUTION ELECTRIC LINE BURIED BELOW	Black/Red	6.00	152.0	1000.0	305.0	1
HTU6O-FO	CAUTION CAUTION CAUTION BURIED FIBER OPTIC CABLE	Black/Orange					1
HTU6O-T	CAUTION CAUTION CAUTION TELEPHONE LINE BURIED BELOW	Black/Orange					1
HTU6O-TV	CAUTION CAUTION CAUTION CABLE TV LINE BURIED BELOW	Black/Orange					1
HTU6Y-E	CAUTION CAUTION CAUTION ELECTRIC LINE BURIED BELOW	Black/Yellow					1
HTU6Y-G	CAUTION CAUTION CAUTION GAS LINE BURIED BELOW	Black/Yellow					1

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Barricade Tapes

Part Number	Legend	Color (Legend/ Background)	Height		Length		Std. Pkg. Qty.
			In.	mm	ft	M	
HTB3-C-M	CAUTION	Black/Yellow	3.00	76.20	1000.0	305.0	1
HTB3-DNE-M	CAUTION DO NOT ENTER	Black/Yellow	3.00	76.00	1000.0	305.0	1
HTB3-HV-M	CAUTION HIGH VOLTAGE	Black/Yellow	3.00	76.00	1000.0	305.0	1

Vinyl Letters and Numbers

Material Chart

Material	Print Method	Temperature Range	Features
Vinyl (PVL)	Pre-Printed	-50°F to 225°F (-46°C to 107°)	Indoor/outdoor rated; heavy duty material for flat applications and safety and facility identification; resistant to UV light, chemical atmosphere and abrasion.

Part Number	Legend	Legend Height		Height		Width		Color (Legend/ Background)	Markers Per Card	Std. Pkg. Card(s)
		In.	mm	In.	mm	In.	mm			
PVL100BY-0-Y	0	1.00	25.40	1.50	38.10	.88	22.35	Black/Yellow	10	25
PVL100BY-1-Y thru **PVL100BY-9-Y**	1 thru 9									25
PVL100BY-A-Y thru **PVL100BY-Z-Y**	A thru Z									25
PVL100BY-DSH-Y	—									25
PVL200BY-0-Y	0	2.00	50.80	2.25	57.15	.88	22.35	Black/Yellow	10	25
PVL200BY-1-Y thru **PVL200BY-9-Y**	1 thru 9									25
PVL200BY-A-Y thru **PVL200BY-Z-Y**	A thru Z									25
PVL200BY-DSH-Y	—									25

Vinyl Cloth Letters and Numbers

Material Chart

Material	Print Method	Temperature Range	Features
Vinyl Cloth, (PCL,PCLCP)	Pre-Printed	-50°F to 170°F (-46°C to 77°C)	Indoor/outdoor rated; thin conformable material with repositionable adhesive allows label to be removed and reused or used in temporary applications; provides durability, high temperature resistance and dimensional stability for rough or textured surfaces.

Part Number	Legend	Legend Height		Height		Width		Color (Legend/Background)	Markers Per Card	Std. Pkg. Card(s)	Std. Ctn. Card(s)
		In.	mm	In.	mm	In.	mm				
PCL037-0	0	.38	9.65	.75	19.05	.34	8.64	Black/Yellow	78	25	100
PCL037-1 thru **PCL037-9**	1 thru 9									25	100
PCL037-0-9	0 thru 9									25	100
PCL037-A thru **PCL037-Z**	A thru Z									25	100
PCL037-A-Z	A thru Z									25	100
PCLCP037-A-Z	A thru Z									1	4
PCLCP037-0-9	0 thru 9									1	4
PCL062-0	0	.63	16.00	.75	19.05	.56	14.22	Black/Yellow	32	25	100
PCL062-1 thru **PCL062-9**	1 thru 9									25	100
PCL062-0-9	0 thru 9									1	4
PCL062-A thru **PCL062-Z**	A thru Z									25	100
PCL062-A-Z	A thru Z									25	100
PCL062-DSH	—									25	100
PCL100-0	0	1.00	25.40	1.50	38.10	.88	22.35	Black/Yellow	10	25	100
PCL100-1 thru **PCL100-9**	1 thru 9									25	100
PCL100-0-9	0 thru 9									25	100
PCL100-A thru **PCL100-Z**	A thru Z									25	100
PCL100-A-J	A thru J									25	100
PCL100-K-T	K thru T									25	100
PCL100-U-Z	U thru Z									25	100
PCL100-DSH	—									25	100

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

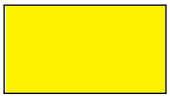
Vinyl Cloth Letters and Numbers (continued)

Part Number	Legend	Legend Height		Height		Width		Color (Legend/Background)	Markers Per Card	Std. Pkg. Card(s)	Std. Ctn. Card(s)
		In.	mm	In.	mm	In.	mm				
PCL200-0	0	2.00	50.80	2.25	57.15	.88	22.35	Black/Yellow	10	25	100
PCL200-1 thru **PCL200-9**	1 thru 9									25	100
PCL200-0-9	0 thru 9									25	100
PCL200-A thru **PCL200-Z**	A thru Z									25	100
PCL200-A-J	A thru J									25	100
PCL200-K-T	K thru T									25	100
PCL200-U-Z	UK thru TZ									25	100
PCL200-DSH	—									25	100
PCL300-0	0	3.00	76.20	3.50	88.90	1.50	38.10	Black/Yellow	6	25	100
PCL300-1 thru **PCL300-9**	1 thru 9									25	100
PCL300-A thru **PCL300-Z**	A thru Z									25	100
PCL300-DSH	—									25	100

Sign Panels – Blank Space for Custom Messages

Material Chart

Material	Print Method	Temperature Range	Features
Polyester (PPS)	Pre-Printed	-40°F to 275°F (-40°C to 135°C)	Indoor/outdoor rated; laminated label material protects legend from abrasion and chemicals; resistant to UV light chemical atmosphere and abrasion; excellent life and adhesion properties.
Rigid Polyethylene (PRS)		-105°F to 250°F (-76°C to 121°C)	Indoor/outdoor rated; high quality, rugged material resistant to abrasion; use where adhesives will not work.

Part Number^	Symbol	Header	Width In.	Width mm	Height In.	Height mm	Std. Pkg. Qty	Std. Ctn. Qty.
PPS0710BWHT		BLANK	10.00	254.00	7.00	177.80	1	25
PPS1014BWHT			14.00	355.60	10.00	254.00	1	25
PPS1420BWHT			20.00	508.00	14.00	355.60	1	25
PRS0710BWHT			10.00	254.00	7.00	177.80	1	10
PRS1014BWHT			14.00	355.60	10.00	254.00	1	10
PRS1420BWHT			20.00	508.00	14.00	355.60	1	10
PPS0710BYEL		BLANK	10.00	254.00	7.00	177.80	1	25
PPS1014BYEL			14.00	355.60	10.00	254.00	1	25
PPS1420BYEL			20.00	508.00	14.00	355.60	1	25
PRS0710BYEL			10.00	254.00	7.00	177.80	1	10
PRS1014BYEL			14.00	355.60	10.00	254.00	1	10
PRS1420BYEL			20.00	508.00	14.00	355.60	1	10
PPS1420C442		CAUTION	20.00	508.00	14.00	355.60	1	25
PRS0710C442			10.00	254.00	7.00	177.80	1	10
PRS1014C442			14.00	355.60	10.00	254.00	1	10
PRS1420C442			20.00	508.00	14.00	355.60	1	10
PPS0710D440		DANGER	10.00	254.00	7.00	177.80	1	25
PPS1014D440			14.00	355.60	10.00	254.00	1	25
PPS1420D440			20.00	508.00	14.00	355.60	1	25
PRS0710D440			10.00	254.00	7.00	177.80	1	10
PRS1014D440			14.00	355.60	10.00	254.00	1	10
PRS1420D440			20.00	508.00	14.00	355.60	1	10
PPS0710N443		NOTICE	10.00	254.00	7.00	177.80	1	25
PPS1014N443			14.00	355.60	10.00	254.00	1	25
PPS1420N443			20.00	508.00	14.00	355.60	1	25
PRS1014N443			14.00	355.60	10.00	254.00	1	10
PRS1420N443			20.00	508.00	14.00	355.60	1	10

^Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

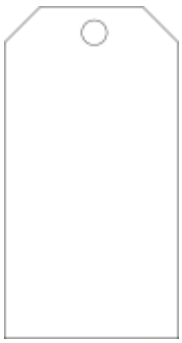
Self-Laminating Sign Carriers

Material Chart

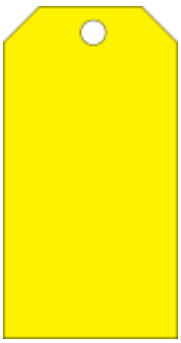
Material	Print Method	Temperature Range	Features
Rigid Vinyl	Pre-Printed	-40°F to 150°F (-40°C to 66C°)	Indoor/outdoor rated; rigid material accepts ink; resistant to UV light, chemical atmosphere and abrasion; excellent for applications where adhesives will not work.

Part Number	Width		Height		Carriers Per Pkg.	Std. Pkg. Qty.	Std. Ctn. Qty.
	In.	mm	In.	mm			
Adhesive							
SEZ-SNC4	7.00	178.00	6.00	152.00	5	1	10
SEZ-SNC2	10.50	267.00	7.00	178.00	5	1	10
SEZ-SNC3	12.00	305.00	6.00	152.00	5	1	10
SEZ-SNC1	12.00	305.00	9.50	241.00	5	1	10
Non-Adhesive							
SEZ-RSC3	12.00	305.00	9.50	241.00	5	1	10

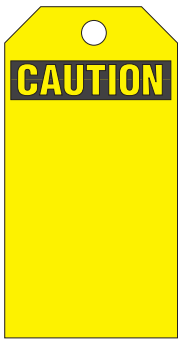
Do-It-Yourself Tags



PVT-94-Q^

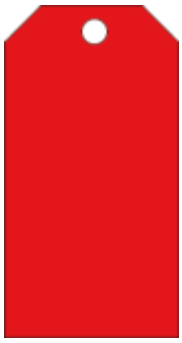


PVT-95-Q^



PVT-113-Q^

PVT-118-Q^



PVT-179-Q^

Package contains 25 tags and 25 PLT2S cable ties.

^Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48.

Self-Laminating Cable Marker Holders for Large Cables or Cable Bundles

Material Chart

Material	Print Method	Temperature Range	Features
Rigid Vinyl, Self-Laminating	Pre-Printed	0°F to 176°F (-18°C to 80°C)	Indoor/outdoor rated; high quality, rugged material resistant to abrasion; legend is protected by overlaminate; use where adhesives will not work.

Part Number	Color	Width		Height		Tags Per Pkg.	Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	In.	mm			
SLCT-IG	Gray	3.00	76.20	1.31	33.30	25	1	4
SLCT-OR	Orange	3.00	76.20	1.31	33.30	25	1	4
SLCT-WH	White	3.00	76.20	1.31	33.30	25	1	4
SLCT-YL	Yellow	3.00	76.20	1.31	33.30	25	1	4
SLCT-3	White	4.00	101.60	.50	12.70	25	1	4
SLCT-3OR	Orange	4.00	101.60	.50	12.70	25	1	4
SLCT-3YL	Yellow	4.00	101.60	.50	12.70	25	1	4

Attach with *PANDUIT* Intermediate or Standard Cross-Section Cable Ties, page B1.8.

Component Labels for Dot Matrix Printers Supplied on 8.5" x 11" Sheets

C200X100YJD	White, polyester label.	2.00	50.80	1.00	25.40	—	1000	5000

Component Labels for Laser/Ink Jet Printers Supplied on 8.5" x 11" Sheets

C200X100YJJ	White, polyester label.	2.00	50.80	1.00	25.40	—	1000	5000

Component Labels for Thermal Transfer Desktop Printers Supplied on Rolls

C200X100YJT	White, polyester label.	2.00	50.80	1.00	25.40	—	1000	5000

Component Labels for *VIPER*™ LS6 Portable Thermal Transfer Printer Supplied on Rolls

C200X100YJ6	White, polyester label, 250/roll.	2.00	50.80	1.00	25.40	—	1	10

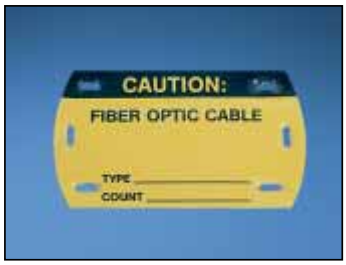
Component Cassettes for *PANACEA*® LS7 Hand-Held Thermal Transfer Printer

		Height		Length				
		In.	mm	ft	M			
LS7-75NL-1	Black/white, non-laminated polyester label cassette.	.708	18.00	26.2	8.0	—	1	20

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Self-Laminating Fiber Optic Cable Marker Tags



Material Chart

Material	Print Method	Temperature Range	Features
Rigid Vinyl, Self-Laminating	Pre-Printed	0°F to 176°F (-18°C to 80°C)	Indoor/outdoor rated; high quality, rugged material resistant to abrasion; legend is protected by overlaminate; use where adhesives will not work.

Part Number	Legend	Color (Legend/Background)	Width		Height		Tags Per Pkg.	Std. Pkg. Qty.	Std. Ctn. Qty.
			In.	mm	In.	mm			
PST-FO	CAUTION FIBER OPTIC CABLE TYPE_____ COUNT_____	Black/Yellow	3.50	89.00	2.00	51.00	5	1	40
PST-FOBLNK	BLANK	Yellow	3.50	89.00	2.00	51.00	5	1	40

Can be clearly identified with *PANDUIT* permanent marking pens, page B1.48
Attach with *PANDUIT* Intermediate or Standard Cross-Section Cable Ties, page B1.8 and B1.10.

Ground Warning Tags

Material Chart

Material	Print Method	Temperature Range	Features
Rigid Polyethylene	Pre-Printed	-30°F to 250°F (-34°C to 121°C)	Indoor/outdoor rated; high quality, rugged material resistant to abrasion; use where adhesives will not work.

Part Number	Legend	Color (Legend/Background)	Width		Height		Tags Per Pkg.	Std. Pkg. Qty.	Std. Ctn. Qty.
			In.	mm	In.	mm			
PT-BGND	NETWORK BUILDING GROUND	Green/Yellow	2.75	70.00	1.38	35.00	100	1	5
PT-GND	WARNING GROUND WIRE DO NOT REMOVE	Black/Yellow	2.75	70.00	1.38	35.00	100	1	5
PT-TGND	WARNING TELEPHONE CO. REPAIR SERVICE	Black/Yellow	2.75	70.00	1.38	35.00	100	1	5

Attach with *PANDUIT* Intermediate or Standard Cross-Section Cable Ties, page B1.8 and B1.10.

Stainless Steel, Brass and Aluminum Marker Plates and Tags

- Identify pipes, conduit, valves, cables and equipment in petrochemical plants, pulp and paper mills, refineries, ships, offshore oil rigs and in any other harsh environments
- All marker plates/tags can be custom marked by *PANDUIT* with one of two computer controlled systems (laser or embosser) to provide permanent identification to resist corrosion, abrasion and radiation
- Used with *PANDUIT*® *PAN-STEEL*® Stainless Steel Cable Ties for fast installation at lowest installed cost

Part Number	Used with *PAN-STEEL*® Ties	Plate/Tag Size Width In.	Width mm	Length In.	Length mm	Material	Thickness In.	Thickness mm	Std. Pkg. Qty.	Std. Ctn. Qty.
MMP350-C	MLT-S	.75	19	3.50	89	304 Stainless Steel	.010	.25	100	1000
MMP350-C316	MLT-S	.75	19	3.50	89	316 Stainless Steel	.010	.25	100	1000
MMP350H-C	MLT-S/H	.75	19	3.50	89	304 Stainless Steel	.010	.25	100	1000
MMP350H-C316	MLT-S/H	.75	19	3.50	89	316 Stainless Steel	.010	.25	100	1000
MMP350W38-C	MLT-S	.38	10	3.50	89	304 Stainless Steel	.010	.25	100	1000
MMP350W38-C316	MLT-S	.38	10	3.50	89	316 Stainless Steel	.010	.25	100	1000
MMP172-C	MLT-S	.75	19	1.72	44	304 Stainless Steel	.010	.25	100	1000
MMP172-C316	MLT-S	.75	19	1.72	44	316 Stainless Steel	.010	.25	100	1000
MMP172W38-C	MLT-S	.38	10	1.72	44	304 Stainless Steel	.010	.25	100	1000
MMP172W38-C316	MLT-S	.38	10	1.72	44	316 Stainless Steel	.010	.25	100	1000
MT350-C	MLT-S	.75	19	3.50	89	304 Stainless Steel	.010	.25	100	1000
MT350-C316	MLT-S	.75	19	3.50	89	316 Stainless Steel	.010	.25	100	1000
MT350W38-C316	MLT-S	.38	10	3.50	89	316 Stainless Steel	.010	.25	100	1000
MT172-C	MLT-S	.75	19	1.72	44	304 Stainless Steel	.010	.25	100	1000
MT172-C316	MLT-S	.75	19	1.72	44	316 Stainless Steel	.010	.25	100	1000
MT172W38-C	MLT-S	.38	10	1.72	44	304 Stainless Steel	.010	.25	100	1000
MT338W21-Q	MLT-S	2.13	54	3.38	86	304 Stainless Steel	.015	.38	25	250
MTB338W21-Q	MLT-S	2.13	54	3.38	86	Brass	.015	.38	25	250
MT350W17-Q	MLT-S	1.73	44	3.50	89	304 Stainless Steel	.015	.38	25	250
MTB350W17-Q	MLT-S	1.73	44	3.50	89	Brass	.015	.38	25	250
MMP338W21-Q	MLT-S	2.13	54	3.38	86	304 Stainless Steel	.015	.38	25	250
MMPB338W21-Q	MLT-S	2.13	54	3.38	86	Brass	.015	.38	25	250
MMP350W17-Q	MLT-S	1.73	44	3.50	89	304 Stainless Steel	.015	.38	25	250
MT1D-Q	MLT-S	1.00 Circular	25	—	—	304 Stainless Steel	.035	.89	25	250
MTB1D-Q	MLT-S	1.00 Circular	25	—	—	Brass	.040	1.02	25	250
MT150D-Q	MLT-S	1.50 Circular	38	—	—	304 Stainless Steel	.035	.89	25	250
MTB150D-Q	MLT-S	1.50 Circular	38	—	—	Brass	.040	1.02	25	250
MT213D-Q	MLT-S	2.13 Circular	54	—	—	304 Stainless Steel	.015	.38	25	250
MTB213D-Q	MLT-S	2.13 Circular	54	—	—	Brass	.015	.38	25	250
AP350HW86-C	MLT-S/H*	.86	22	3.50	89	Aluminum	.015	.38	100	1000

*Galvanic reaction may occur between stainless steel ties and aluminum marker plates in certain environments causing the aluminum to corrode.

Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

Metal Embossing Tape System

- Embosses 3/16" (4.77mm) characters onto rolls of stainless steel or aluminum tape
- Can be used with *PAN-STEEL®* Stainless Steel Ties as a flag or a marker
- Excellent for on-site applications requiring quick, easy and permanent identification

MEHT

MET*

Part Number	Part Description	Std. Pkg. Qty.
Tool Kit		
MEHT	Includes tool, carrying case, (1) roll each META (aluminum) and METS4 (stainless steel) tape. Characters include: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 1 2 3 4 5 6 7 8 9 . /	1
Tape		
META-X	.50" X 16' (12.7mm x 4.9M) aluminum tape*.	10**
METS3-X	.50" X 21' (12.7mm x 6.4M) 316 grade stainless steel tape.	10**
METS4-X	.50" X 21' (12.7mm x 6.4M) 304 grade stainless steel tape.	10**

*Galvanic reaction may occur between stainless steel ties and aluminum tape in certain environments causing the aluminum to corrode.

**Order number of rolls required in multiples of Standard Package Quantity.

Indenter Press

- Provides quick, easy and permanent identification of *PANDUIT®* *PAN-STEEL®* Stainless Steel Cable Ties, Straps, Marker Plates, and Tags
- Interchangeable wheels
- Press includes fixture to hold MMP350 series marker plates, MLT series cable ties, and MS strapping in place to provide high quality marking
- Tool is designed for long life and durability
- Automatic table indexing
- Depth adjustment screw

Part Number	Part Description	Std. Pkg. Qty.
Press		
IMP094	Indenter press with 3/32" (2.38mm) character wheel.	1
IMP125	Indenter press with 1/8" (3.18mm) character wheel.	1
IMP187	Indenter press with 3/16" (4.77mm) character wheel.	1
Interchangeable Wheel Kits		
MWK094	3/32" (2.38mm) character wheel kit (wheel and indexing gear).	1
MWK125	1/8" (3.18mm) character wheel kit (wheel and indexing gear).	1
MWK187	3/16" (4.77mm) character wheel kit (wheel and indexing gear).	1
IMP-FIX	Interchangeable fixture for MMP172, MMP338, MT Series, and the aluminum marker plates.	1

Marker Stamp Kit

- Provides quick, easy and permanent identification of *PANDUIT® PAN-STEEL®* Stainless Steel Cable Ties, Straps, Marker Plates and Tags

Part Number	Part Description	Std. Pkg. Qty.
STK12	Marker stamp kit contains (100) character stamps, (1) holder and (1) carrying case. High quality 1/8" (3.18mm) nom. size steel character. Type holder keeps type aligned and provides uniform depth of impression. The holder takes up to 9 characters – 1 1/8" (28.6mm) long.	1

Characters include:

A A A B B C C D D E E E E F F G G H H I I I J J K K L L L M M N N N N O O O P P Q R R R R S S S T T U U U U V W W X X Y Z & / / - - . . , , 1 1 1 1 2 2 2 2 3 3 3 4 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 0 0 0

KP-515 Design Kit

- Perfect for proto-typing
- Convenient and handy plastic kit box; once closed parts stay in their compartments
- Durable and lightweight

Part Number	Part Description	Std. Pkg. Qty.
KP-515	Contains: (100) MLT2S ties (100) MLT2H ties (50) MMP350H marker plates (10) PCSS-5 in. (12.7cm) length cushion sleeve (10) PCSH-5 in. (12.7cm) length cushion sleeve (1) HTMT installation tool (1) K-505 plastic kit box	1

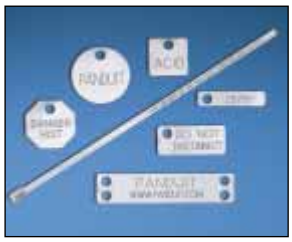
Order number of pieces required, in multiples of Standard Package Quantity.

Prime items appear in **BOLD**.

PAN-STEEL® Custom Marking Capabilities

PANDUIT stainless steel cable ties, strapping, stainless steel, brass and aluminum marker plates/tags can be custom marked for identification of equipment, cables, hoses, pipes, conduit, etc. in petrochemical plants, power plants, pulp and paper mills, breweries, shipbuilding and many other applications.

PANDUIT in-house computer controlled custom marking systems provide sharp, crisp, high quality legends. Sequential numbering for serialization is available.



LASER MARKING SYSTEM

- Used on all stainless steel cable ties and metal marker plates/tags
- BOLD block letters
- Upper and lower case character capability
- Alphanumeric and sequential numbering ability

Character sizes** available:
1/8 in. (3.18mm)
1/4 in. (6.35mm)
3/16 in. (4.77mm)
5/16 in. (7.94mm)
1/2 in. (12.7mm)

**Contact customer service for other available character sizes.

EMBOSSING SYSTEM

- Used on metal marker plates and tags which are a maximum of .020 in. (.5mm) thick
- Excellent for applications that are exposed to occasional painting and excessive dirt
- Upper case “raised” character capability only
- Alphanumeric and sequential numbering ability

Character sizes** available:
1/8 in. (3.18mm)
3/16 in. (4.77mm)
1/4 in. (6.35mm)
5/16 in. (7.94mm)

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LCAS4-56F-L	D2.10
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LCAS4-56-L	D2.6
LCAS6-10F-L	D2.10
LCAS6-10H-L	D2.8
LCAS6-10-L	D2.6
LCAS6-14F-L	D2.10
LCAS6-14H-L	D2.8
LCAS6-14-L	D2.6
LCAS6-38F-L	D2.10
LCAS6-38H-L	D2.8
LCAS6-38-L	D2.6
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LCAS6-56H-L	D2.8
LCAS6-56-L	D2.6
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LCAS8-10H-L	D2.8
LCAS8-10-L	D2.6
LCAS8-14F-L	D2.10
LCAS8-14H-L	D2.8
LCAS8-14-L	D2.6
LCAS8-38F-L	D2.10
LCAS8-38H-L	D2.8
LCAS8-38-L	D2.6
LCAS8-56F-L	D2.10
LCAS8-56H-L	D2.8
LCAS8-56-L	D2.6
LCAX1/0-12F-X	D2.68
LCAX1/0-12H-X	D2.66
LCAX1/0-12-X	D2.64
LCAX1/0-14F-X	D2.68
LCAX1/0-14H-X	D2.66
LCAX1/0-14-X	D2.64
LCAX1/0-38F-X	D2.68
LCAX1/0-38H-X	D2.66
LCAX1/0-38-X	D2.64
LCAX1/0-56F-X	D2.68
LCAX1/0-56H-X	D2.66
LCAX1/0-56-X	D2.64
LCAX1-10F-X	D2.68
LCAX1-10H-X	D2.66
LCAX1-10-X	D2.64
LCAX1-12F-X	D2.68
LCAX1-12H-X	D2.66
LCAX1-12-X	D2.64
LCAX1-14F-X	D2.68
LCAX1-14H-X	D2.66
LCAX1-14-X	D2.64
LCAX1-38F-X	D2.68
LCAX1-38H-X	D2.66
LCAX1-38-X	D2.64
LCAX1-56F-X	D2.68
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LCAX2-14F-E	D2.68
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LCAX2-38F-E	D2.68
LCAX2-38H-E	D2.66
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LCAX250-12H-X	D2.67
LCAX250-12-X	D2.65
LCAX250-14F-X	D2.69
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LCAX250-14-X	D2.65
LCAX250-34F-X	D2.69
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LCAX4/0-14H-X	D2.67
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LCAX4-38H-L	D2.66
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LCAX450-12H-6	D2.67
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LCAX450-58F-6	D2.69
LCAX450-58H-6	D2.67
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LCAX650-58F-6	D2.69
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LCC10-14BWH-L	D2.49
LCC1/0-14BWH-X	D2.50
LCC10-14BW-L	D2.46
LCC1/0-14BW-X	D2.47
LCC1/0-14B-X	D2.41
LCC1/0-14DWF-X	D2.53
LCC1/0-14DWH-X	D2.50
LCC1/0-14DW-X	D2.47

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LCC10-14JAWF-L	D2.52
LCC10-14JAWH-L	D2.49
LCC10-14JAW-L	D2.46
LCC1/0-38DF-X	D2.45
LCC1/0-38DH-X	D2.43
LCC1/0-38DWF-X	D2.53
LCC1/0-38DWH-X	D2.50
LCC1/0-38DW-X	D2.47
LCC1/0-38D-X	D2.41
LCC1/0-38WF-X	D2.53
LCC1/0-38WH-X	D2.50
LCC1/0-38W-X	D2.47
LCC1/0-56CF-X	D2.45
LCC1/0-56CH-X	D2.43
LCC1/0-56C-X	D2.41
LCC1/0-56DF-X	D2.45
LCC1/0-56DH-X	D2.43
LCC1/0-56D-X	D2.41
LCC1-12-E	D2.40
LCC1-12F-E	D2.45
LCC1-12H-E	D2.43
LCC1-12W-E	D2.47
LCC1-12WF-E	D2.53
LCC1-12WH-E	D2.50
LCC1-14A-E	D2.40
LCC1-14AF-E	D2.45
LCC1-14AH-E	D2.43
LCC1-14AW-E	D2.47
LCC1-14AWF-E	D2.53
LCC1-14AWH-E	D2.50
LCC1-14B-E	D2.40
LCC1-14BF-E	D2.45
LCC1-14BH-E	D2.43
LCC1-14BW-E	D2.47
LCC1-14BWF-E	D2.53
LCC1-14BWH-E	D2.50
LCC1-38D-E	D2.40
LCC1-38DF-E	D2.45
LCC1-38DH-E	D2.43
LCC1-38DW-E	D2.47
LCC1-38DWF-E	D2.53
LCC1-38DWH-E	D2.50
LCC1-56B-E	D2.40
LCC1-56BF-E	D2.45
LCC1-56BH-E	D2.43
LCC1-56BW-E	D2.47
LCC1-56BWF-E	D2.53
LCC1-56BWH-E	D2.50
LCC1-56C-E	D2.40
LCC1-56CF-E	D2.45
LCC1-56CH-E	D2.43
LCC1-56CW-E	D2.47
LCC1-56CWF-E	D2.53
LCC1-56CWH-E	D2.50
LCC2/0-00W-X	D2.57
LCC2/0-00-X	D2.56
LCC2-00-Q	D2.56
LCC2-00W-Q	D2.57
LCC2/0-12DF-X	D2.45
LCC2/0-12DH-X	D2.43
LCC2/0-12DWF-X	D2.53
LCC2/0-12DWH-X	D2.50
LCC2/0-12DW-X	D2.47
LCC2/0-12D-X	D2.41
LCC2/0-12F-X	D2.45
LCC2/0-12H-X	D2.43
LCC2/0-12WF-X	D2.53
LCC2/0-12WH-X	D2.50
LCC2/0-12W-X	D2.47
LCC2/0-12-X	D2.41
LCC2/0-14AF-X	D2.45
LCC2/0-14AH-X	D2.43
LCC2/0-14AWF-X	D2.53
LCC2/0-14AWH-X	D2.50
LCC2/0-14AW-X	D2.47
LCC2/0-14A-X	D2.41
LCC2/0-14BF-X	D2.45
LCC2/0-14BH-X	D2.43
LCC2/0-14BWF-X	D2.53
LCC2/0-14BWH-X	D2.50
LCC2/0-14BW-X	D2.47
LCC2/0-14B-X	D2.41
LCC2/0-38DF-X	D2.45
LCC2/0-38DH-X	D2.43
LCC2/0-38DWF-X	D2.53
LCC2/0-38DWH-X	D2.50
LCC2/0-38DW-X	D2.47

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LCC2/0-56DF-X	D2.45
LCC2/0-56DH-X	D2.43
LCC2/0-56DWF-X	D2.53
LCC2/0-56DWH-X	D2.50
LCC2/0-56DW-X	D2.47
LCC2/0-56D-X	D2.41
LCC2-10AWF-Q	D2.53
LCC2-10AWH-Q	D2.50
LCC2-10AW-Q	D2.47
LCC2-10BWF-Q	D2.53
LCC2-10BWH-Q	D2.50
LCC2-10BW-Q	D2.47
LCC2-12F-Q	D2.44
LCC2-12H-Q	D2.42
LCC2-12-Q	D2.40
LCC2-12WF-Q	D2.53
LCC2-12WH-Q	D2.50
LCC2-12W-Q	D2.47
LCC2-14AF-Q	D2.44
LCC2-14AH-Q	D2.42
LCC2-14A-Q	D2.40
LCC2-14AWF-Q	D2.53
LCC2-14AWH-Q	D2.50
LCC2-14AW-Q	D2.47
LCC2-14BF-Q	D2.44
LCC2-14BH-Q	D2.42
LCC2-14B-Q	D2.40
LCC2-14BWF-Q	D2.53
LCC2-14BWH-Q	D2.50
LCC2-14BW-Q	D2.47
LCC2-14DWF-Q	D2.53
LCC2-14DWH-Q	D2.50
LCC2-14DW-Q	D2.47
LCC2-38BWF-Q	D2.53
LCC2-38BWH-Q	D2.50
LCC2-38BW-Q	D2.47
LCC2-38CWF-Q	D2.53
LCC2-38CWH-Q	D2.50
LCC2-38CW-Q	D2.47
LCC2-38DF-Q	D2.44
LCC2-38DH-Q	D2.42
LCC2-38D-Q	D2.40
LCC2-38DWF-Q	D2.53
LCC2-38DWH-Q	D2.50
LCC2-38DW-Q	D2.47
LCC2-38F-Q	D2.44
LCC2-38H-Q	D2.42
LCC2-38-Q	D2.40
LCC2-38WF-Q	D2.53
LCC2-38WH-Q	D2.50
LCC2-38W-Q	D2.47
LCC250-00W-X	D2.57
LCC250-00-X	D2.56
LCC250-12DF-X	D2.45
LCC250-12DH-X	D2.43
LCC250-12DWF-X	D2.54
LCC250-12DWH-X	D2.51
LCC250-12DW-X	D2.48
LCC250-12D-X	D2.41
LCC250-12F-X	D2.45
LCC250-12H-X	D2.43
LCC250-12WF-X	D2.54
LCC250-12WH-X	D2.51
LCC250-12W-X	D2.48
LCC250-12-X	D2.41
LCC250-38DF-X	D2.45
LCC250-38DH-X	D2.43
LCC250-38DWF-X	D2.54
LCC250-38DWH-X	D2.51
LCC250-38DW-X	D2.48
LCC250-38D-X	D2.41
LCC250-56DWF-X	D2.54
LCC250-56DWH-X	D2.51
LCC250-56DW-X	D2.48
LCC2-56BF-Q	D2.44
LCC2-56BH-Q	D2.42
LCC2-56B-Q	D2.40
LCC2-56BWF-Q	D2.53
LCC2-56BWH-Q	D2.50
LCC2-56BW-Q	D2.47
LCC2-56CF-Q	D2.44
LCC2-56CH-Q	D2.42
LCC2-56C-Q	D2.40
LCC2-56CWF-Q	D2.53
LCC2-56CWH-Q	D2.50
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LCC300-00W-X	D2.57
LCC300-00-X	D2.56
LCC3/0-00W-X	D2.57
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LCC300-12F-X	D2.45
LCC300-12H-X	D2.43
LCC300-12WF-X	D2.54
LCC300-12WH-X	D2.51
LCC300-12W-X	D2.48
LCC300-12-X	D2.41
LCC300-38DF-X	D2.45
LCC300-38DH-X	D2.43
LCC300-38DWF-X	D2.54
LCC300-38DWH-X	D2.51
LCC300-38DW-X	D2.48
LCC300-38D-X	D2.41
LCC3/0-12DF-X	D2.45
LCC3/0-12DH-X	D2.43
LCC3/0-12DWF-X	D2.53
LCC3/0-12DWH-X	D2.50
LCC3/0-12DW-X	D2.48
LCC3/0-12D-X	D2.41
LCC3/0-12F-X	D2.45
LCC3/0-12H-X	D2.43
LCC3/0-12WF-X	D2.53
LCC3/0-12WH-X	D2.50
LCC3/0-12W-X	D2.48
LCC3/0-12-X	D2.41
LCC3/0-14BF-X	D2.45
LCC3/0-14BH-X	D2.43
LCC3/0-14BWF-X	D2.53
LCC3/0-14BWH-X	D2.50
LCC3/0-14BW-X	D2.48
LCC3/0-14B-X	D2.41
LCC3/0-38DF-X	D2.45
LCC3/0-38DH-X	D2.43
LCC3/0-38DWF-X	D2.53
LCC3/0-38DWH-X	D2.50
LCC3/0-38DW-X	D2.48
LCC3/0-38D-X	D2.41
LCC3/0-56DWF-X	D2.53
LCC3/0-56DWH-X	D2.50
LCC3/0-56DW-X	D2.48
LCC350-00W-X	D2.57
LCC350-00-X	D2.56
LCC350-12F-X	D2.45
LCC350-12H-X	D2.43
LCC350-12WF-X	D2.54
LCC350-12WH-X	D2.51
LCC350-12W-X	D2.48
LCC350-12-X	D2.41
LCC350-14BF-X	D2.45
LCC350-14BH-X	D2.43
LCC350-14BWF-X	D2.54
LCC350-14BWH-X	D2.51
LCC350-14BW-X	D2.48
LCC350-14B-X	D2.41
LCC350-38DF-X	D2.45
LCC350-38DH-X	D2.43
LCC350-38DWF-X	D2.54
LCC350-38DWH-X	D2.51
LCC350-38DW-X	D2.48
LCC350-38D-X	D2.41
LCC400-00-6	D2.56
LCC400-00W-6	D2.57
LCC4/0-00W-X	D2.57
LCC4/0-00-X	D2.56
LCC400-12-6	D2.41
LCC400-12F-6	D2.45
LCC400-12H-6	D2.43
LCC400-12W-6	D2.48
LCC400-12WF-6	D2.54
LCC400-12WH-6	D2.51
LCC400-14B-6	D2.41
LCC400-14BF-6	D2.45
LCC400-14BH-6	D2.43
LCC400-14BW-6	D2.48
LCC400-14BWF-6	D2.54
LCC400-14BWH-6	D2.51
LCC400-38D-6	D2.41
LCC400-38DF-6	D2.45
LCC400-38DH-6	D2.43
LCC400-38DW-6	D2.48
LCC400-38DWF-6	D2.54
LCC400-38DWH-6	D2.51
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LCC4/0-12DF-X	D2.45
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LCC4/0-12DWH-X	D2.50
LCC4/0-12DW-X	D2.48
LCC4/0-12D-X	D2.41
LCC4/0-12F-X	D2.45
LCC4/0-12H-X	D2.43
LCC4/0-12WF-X	D2.53
LCC4/0-12WH-X	D2.50
LCC4/0-12W-X	D2.48
LCC4/0-12-X	D2.41
LCC4/0-14AWF-X	D2.53
LCC4/0-14AWH-X	D2.50
LCC4/0-14AW-X	D2.48
LCC4/0-14BF-X	D2.45
LCC4/0-14BH-X	D2.43
LCC4/0-14BWF-X	D2.53
LCC4/0-14BWH-X	D2.50
LCC4/0-14BW-X	D2.48
LCC4/0-14B-X	D2.41
LCC4/0-38DF-X	D2.45
LCC4/0-38DH-X	D2.43
LCC4/0-38DWF-X	D2.53
LCC4/0-38DWH-X	D2.50
LCC4/0-38DW-X	D2.48
LCC4/0-38D-X	D2.41
LCC4/0-38F-X	D2.45
LCC4/0-38H-X	D2.43
LCC4/0-38WF-X	D2.53
LCC4/0-38WH-X	D2.50
LCC4/0-38W-X	D2.48
LCC4/0-38-X	D2.41
LCC4/0-56DF-X	D2.45
LCC4/0-56DH-X	D2.43
LCC4/0-56DWF-X	D2.53
LCC4/0-56DWH-X	D2.50
LCC4/0-56DW-X	D2.48
LCC4/0-56D-X	D2.41
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LCC4-10AW-L	D2.47
LCC4-10BWF-L	D2.53
LCC4-10BWH-L	D2.50
LCC4-10BW-L	D2.47
LCC4-12-L	D2.40
LCC4-12W-L	D2.47
LCC4-14ADW-L	D2.47
LCC4-14AF-L	D2.44
LCC4-14AH-L	D2.42
LCC4-14A-L	D2.40
LCC4-14AWF-L	D2.53
LCC4-14AWH-L	D2.50
LCC4-14AW-L	D2.47
LCC4-14BF-L	D2.44
LCC4-14BH-L	D2.42
LCC4-14B-L	D2.40
LCC4-14BWF-L	D2.53
LCC4-14BWH-L	D2.50
LCC4-14BW-L	D2.47
LCC4-14DW-L	D2.47
LCC4-38DF-L	D2.44
LCC4-38DH-L	D2.42
LCC4-38D-L	D2.40
LCC4-38DWF-L	D2.53
LCC4-38DWH-L	D2.50
LCC4-38DW-L	D2.47
LCC500-00-6	D2.56
LCC500-00W-6	D2.57
LCC500-12-6	D2.41
LCC500-12F-6	D2.45
LCC500-12H-6	D2.43
LCC500-12W-6	D2.48
LCC500-12WF-6	D2.54
LCC500-12WH-6	D2.51
LCC500-14B-6	D2.41
LCC500-14BF-6	D2.45
LCC500-14BH-6	D2.43
LCC500-14BW-6	D2.48
LCC500-14BWF-6	D2.54
LCC500-14BWH-6	D2.51
LCC500-38D-6	D2.41
LCC500-38DF-6	D2.45
LCC500-38DH-6	D2.43
LCC500-38DW-6	D2.48
LCC500-38DWF-6	D2.54
LCC500-38DWH-6	D2.51
LCC600-00-6	D2.56
LCC600-00W-6	D2.57
LCC600-12-6	D2.41
LCC600-12F-6	D2.45
LCC600-12H-6	D2.43
LCC600-12W-6	D2.48
LCC600-12WF-6	D2.54
LCC600-12WH-6	D2.51
LCC600-38D-6	D2.41
LCC600-38DF-6	D2.45
LCC600-38DH-6	D2.43
LCC600-38DW-6	D2.48
LCC600-38DWF-6	D2.54
LCC600-38DWH-6	D2.51
LCC6-00-L	D2.56
LCC6-00W-L	D2.57
LCC6-10ABW-L	D2.46
LCC6-10AF-L	D2.44
LCC6-10AH-L	D2.42
LCC6-10A-L	D2.40
LCC6-10AWF-L	D2.52
LCC6-10AWH-L	D2.49
LCC6-10AW-L	D2.46
LCC6-10BWF-L	D2.52
LCC6-10BWH-L	D2.49
LCC6-10BW-L	D2.46
LCC6-12-L	D2.40
LCC6-12W-L	D2.46
LCC6-14AF-L	D2.44
LCC6-14AH-L	D2.42
LCC6-14A-L	D2.40
LCC6-14AWF-L	D2.52
LCC6-14AWH-L	D2.49
LCC6-14AW-L	D2.46
LCC6-14BDW-L	D2.46
LCC6-14BF-L	D2.44
LCC6-14BH-L	D2.42
LCC6-14B-L	D2.40
LCC6-14BWF-L	D2.52
LCC6-14BWH-L	D2.49
LCC6-14BW-L	D2.46
LCC6-14DF-L	D2.44
LCC6-14DH-L	D2.42
LCC6-14D-L	D2.40
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LCC6-14DWH-L	D2.49
LCC6-14DW-L	D2.46
LCC6-14EWF-L	D2.52
LCC6-14EWH-L	D2.49
LCC6-14EW-L	D2.46
LCC6-14JAWF-L	D2.52
LCC6-14JAWH-L	D2.49
LCC6-14JAW-L	D2.46
LCC6-14JWF-L	D2.52
LCC6-14JWH-L	D2.49
LCC6-14JW-L	D2.46
LCC6-14W-L	D2.46
LCC6-38BDW-L	D2.46
LCC6-38BWF-L	D2.52
LCC6-38BWH-L	D2.49
LCC6-38BW-L	D2.46
LCC6-38CWF-L	D2.52
LCC6-38CWH-L	D2.49
LCC6-38CW-L	D2.46
LCC6-38DF-L	D2.44
LCC6-38DH-L	D2.42
LCC6-38D-L	D2.40
LCC6-38DWF-L	D2.52
LCC6-38DWH-L	D2.49
LCC6-38DW-L	D2.46
LCC6-56BWF-L	D2.52
LCC6-56BWH-L	D2.49
LCC6-56BW-L	D2.46
LCC750-00-6	D2.56
LCC750-12-6	D2.41
LCC750-12W-6	D2.48
LCC750-38D-6	D2.41
LCC750-38DW-6	D2.48
LCC800-12-6	D2.41
LCC800-12W-6	D2.48
LCC8-00-L	D2.56
LCC8-00W-L	D2.57
LCC8-10ABW-L	D2.46
LCC8-10AF-L	D2.44
LCC8-10AH-L	D2.42
LCC8-10A-L	D2.40
LCC8-10AWF-L	D2.52
LCC8-10AWH-L	D2.49
LCC8-10AW-L	D2.46
LCC8-10BWF-L	D2.52
LCC8-10BWH-L	D2.49
LCC8-10BW-L	D2.46
LCC8-14ABW-L	D2.46
LCC8-14AF-L	D2.44
LCC8-14AH-L	D2.42
LCC8-14A-L	D2.40
LCC8-14AWF-L	D2.52
LCC8-14AWH-L	D2.49
LCC8-14AW-L	D2.46
LCC8-14BF-L	D2.44
LCC8-14BH-L	D2.42
LCC8-14B-L	D2.40
LCC8-14BWF-L	D2.52
LCC8-14BWH-L	D2.49
LCC8-14BW-L	D2.46
LCC8-14DF-L	D2.44
LCC8-14DH-L	D2.42
LCC8-14D-L	D2.40
LCC8-14DWF-L	D2.52
LCC8-14DWH-L	D2.49
LCC8-14DW-L	D2.46
LCC8-38DF-L	D2.44
LCC8-38DH-L	D2.42
LCC8-38D-L	D2.40
LCC8-38DWF-L	D2.52
LCC8-38DWH-L	D2.49
LCC8-38DW-L	D2.46
LCCF1/0-12F-X	D2.99
LCCF1/0-12H-X	D2.97
LCCF1/0-12-X	D2.96
LCCF1/0-14AF-X	D2.99
LCCF1/0-14AH-X	D2.97
LCCF1/0-14A-X	D2.96
LCCF1/0-14BF-X	D2.99
LCCF1/0-14BH-X	D2.97
LCCF1/0-14B-X	D2.96
LCCF1/0-38DF-X	D2.99
LCCF1/0-38DH-X	D2.97
LCCF1/0-38D-X	D2.96
LCCF1/0-56CF-X	D2.99
LCCF1/0-56CH-X	D2.97
LCCF1/0-56C-X	D2.96
LCCF1-12F-X	D2.99
LCCF1-12H-X	D2.97
LCCF1-12-X	D2.95
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LCCF1-14AH-X	D2.97
LCCF1-14A-X	D2.95
LCCF1-14BF-X	D2.99
LCCF1-14BH-X	D2.97
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LCCF1-56CH-X	D2.97
LCCF1-56C-X	D2.95
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LCCF2/0-12H-X	D2.97
LCCF2/0-12-X	D2.96
LCCF2/0-14AF-X	D2.99
LCCF2/0-14AH-X	D2.97
LCCF2/0-14A-X	D2.96
LCCF2/0-14BF-X	D2.99
LCCF2/0-14BH-X	D2.97
LCCF2/0-14B-X	D2.96
LCCF2/0-38DF-X	D2.99
LCCF2/0-38DH-X	D2.97
LCCF2/0-38D-X	D2.96
LCCF2-12-E	D2.95
LCCF2-12F-E	D2.99
LCCF2-12H-E	D2.97
LCCF2-14A-E	D2.95
LCCF2-14AH-E	D2.97
LCCF2-14B-E	D2.95
LCCF2-14BF-E	D2.99
LCCF2-14BH-E	D2.97
LCCF2-38D-E	D2.95
LCCF2-38DF-E	D2.99
LCCF2-38DH-E	D2.97
LCCF250-12EF-X	D2.100
LCCF250-12EH-X	D2.98
LCCF250-12E-X	D2.96
LCCF250-12F-X	D2.100

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LCCF250-12H-X	D2.98
LCCF250-12-X	D2.96
LCCF250-14BF-X	D2.100
LCCF250-14BH-X	D2.98
LCCF250-14B-X	D2.96
LCCF250-38DF-X	D2.100
LCCF250-38DH-X	D2.98
LCCF250-38D-X	D2.96
LCCF2-56B-E	D2.95
LCCF2-56BF-E	D2.99
LCCF2-56BH-E	D2.97
LCCF300-12-6	D2.96
LCCF300-12F-6	D2.100
LCCF300-12H-6	D2.98
LCCF300-14B-6	D2.96
LCCF300-14BF-6	D2.100
LCCF300-14BH-6	D2.98
LCCF300-38D-6	D2.96
LCCF300-38DF-6	D2.100
LCCF300-38DH-6	D2.98
LCCF3/0-12F-X	D2.99
LCCF3/0-12H-X	D2.97
LCCF3/0-12-X	D2.96
LCCF3/0-14BF-X	D2.99
LCCF3/0-14BH-X	D2.97
LCCF3/0-14B-X	D2.96
LCCF3/0-38DF-X	D2.99
LCCF3/0-38DH-X	D2.97
LCCF3/0-38D-X	D2.96
LCCF350-12-6	D2.96
LCCF350-12E-6	D2.96
LCCF350-12EF-6	D2.100
LCCF350-12EH-6	D2.98
LCCF350-12F-6	D2.100
LCCF350-12H-6	D2.98
LCCF350-14B-6	D2.96
LCCF350-14BF-6	D2.100
LCCF350-14BH-6	D2.98
LCCF350-38D-6	D2.96
LCCF350-38DF-6	D2.100
LCCF350-38DH-6	D2.98
LCCF400-12-6	D2.96
LCCF400-12F-6	D2.100
LCCF400-12H-6	D2.98
LCCF400-38D-6	D2.96
LCCF400-38DF-6	D2.100
LCCF400-38DH-6	D2.98
LCCF4/0-12F-X	D2.100
LCCF4/0-12H-X	D2.98
LCCF4/0-12-X	D2.96
LCCF4/0-14BF-X	D2.100
LCCF4/0-14BH-X	D2.98
LCCF4/0-14B-X	D2.96
LCCF4/0-38DF-X	D2.100
LCCF4/0-38DH-X	D2.98
LCCF4/0-38D-X	D2.96
LCCF4/0-38F-X	D2.100
LCCF4/0-38H-X	D2.98
LCCF4/0-38-X	D2.96
LCCF4-14AF-L	D2.99
LCCF4-14AH-L	D2.97
LCCF4-14A-L	D2.95
LCCF4-14BF-L	D2.99
LCCF4-14BH-L	D2.97
LCCF4-14B-L	D2.95
LCCF4-38DH-L	D2.97
LCCF4-38D-L	D2.95
LCCF500-12-6	D2.96
LCCF500-12F-6	D2.100
LCCF500-12H-6	D2.98
LCCF600-12-6	D2.96
LCCF600-12F-6	D2.100
LCCF600-12H-6	D2.98
LCCF6-14AF-L	D2.99
LCCF6-14AH-L	D2.97
LCCF6-14A-L	D2.95
LCCF6-14BF-L	D2.99
LCCF6-14BH-L	D2.97
LCCF6-14B-L	D2.95
LCCF6-38DF-L	D2.99
LCCF6-38DH-L	D2.97
LCCF6-38D-L	D2.95
LCCF750-12-3	D2.96
LCCF750-12F-3	D2.100
LCCF750-12H-3	D2.98
LCCF750-38D-3	D2.96
LCCF750-38DF-3	D2.100
LCCF750-38DH-3	D2.98
LCCF8-14AF-L	D2.99
LCCF8-14AH-L	D2.97
LCCF8-14A-L	D2.95
LCCF8-14BF-L	D2.99
LCCF8-14BH-L	D2.97
LCCF8-14B-L	D2.95
LCCF8-38DF-L	D2.99
LCCF8-38DH-L	D2.97
LCCF8-38D-L	D2.95
LCCH1000-12-3	D2.55
LCCH1/0-12-X	D2.55
LCCH2/0-12-X	D2.55
LCCH250-12-X	D2.55
LCCH300-12-X	D2.55
LCCH3/0-12-X	D2.55
LCCH350-12-X	D2.55
LCCH400-12-6	D2.55
LCCH4/0-12-X	D2.55
LCCH500-12-6	D2.55
LCCH600-12-6	D2.55
LCCH750-12-6	D2.55
LCCN750-12W-6	D2.54
LCCN750-38DW-6	D2.54
LCCX1/0-12F-X	D2.94
LCCX1/0-12H-X	D2.92
LCCX1/0-12-X	D2.90
LCCX1/0-14AF-X	D2.94
LCCX1/0-14AH-X	D2.92
LCCX1/0-14A-X	D2.90
LCCX1/0-14BF-X	D2.94
LCCX1/0-14BH-X	D2.92
LCCX1/0-14B-X	D2.90
LCCX1/0-38DF-X	D2.94
LCCX1/0-38DH-X	D2.92
LCCX1/0-38D-X	D2.90
LCCX1-14AF-X	D2.94
LCCX1-14AH-X	D2.91
LCCX1-14A-X	D2.90
LCCX1-14BF-X	D2.94
LCCX1-14BH-X	D2.91
LCCX1-14B-X	D2.90
LCCX1-14DF-X	D2.94
LCCX1-14DH-X	D2.91
LCCX1-14D-X	D2.90
LCCX1-38DF-X	D2.94
LCCX1-38DH-X	D2.91
LCCX1-38D-X	D2.90
LCCX1-56CF-X	D2.94
LCCX1-56CH-X	D2.91
LCCX1-56C-X	D2.90
LCCX1-56DF-X	D2.94
LCCX1-56DH-X	D2.91
LCCX1-56D-X	D2.90
LCCX2/0-12F-X	D2.94
LCCX2/0-12H-X	D2.92
LCCX2/0-12-X	D2.90
LCCX2/0-14AF-X	D2.94
LCCX2/0-14AH-X	D2.92
LCCX2/0-14A-X	D2.90
LCCX2/0-14BF-X	D2.94
LCCX2/0-14BH-X	D2.92
LCCX2/0-14B-X	D2.90
LCCX2/0-38DF-X	D2.94
LCCX2/0-38DH-X	D2.92
LCCX2/0-38D-X	D2.90
LCCX2-12-E	D2.89
LCCX2-12F-E	D2.93
LCCX2-12H-E	D2.91
LCCX2-14A-E	D2.89
LCCX2-14AF-E	D2.93
LCCX2-14AH-E	D2.91
LCCX2-14B-E	D2.89
LCCX2-14BF-E	D2.93
LCCX2-14BH-E	D2.91
LCCX2-38D-E	D2.89
LCCX2-38DF-E	D2.93
LCCX2-38DH-E	D2.91
LCCX250-14BF-X	D2.94
LCCX250-14BH-X	D2.92
LCCX250-14B-X	D2.90
LCCX250-38DF-X	D2.94
LCCX250-38DH-X	D2.92
LCCX250-38D-X	D2.90
LCCX300-38D-6	D2.90
LCCX300-38DF-6	D2.94
LCCX300-38DH-6	D2.92
LCCX3/0-14BF-X	D2.94
LCCX3/0-14BH-X	D2.92
LCCX3/0-14B-X	D2.90
LCCX3/0-38DF-X	D2.94
LCCX3/0-38DH-X	D2.92
LCCX3/0-38D-X	D2.90
LCCX350-12-6	D2.90
LCCX350-12F-6	D2.94
LCCX350-12H-6	D2.92
LCCX350-14B-6	D2.90
LCCX350-14BF-6	D2.94
LCCX350-14BH-6	D2.92
LCCX350-38D-6	D2.90
LCCX350-38DF-6	D2.94
LCCX350-38DH-6	D2.92
LCCX4/0-12F-X	D2.94
LCCX4/0-12H-X	D2.92
LCCX4/0-12-X	D2.90
LCCX4/0-14BF-X	D2.94
LCCX4/0-14BH-X	D2.92
LCCX4/0-14B-X	D2.90
LCCX4/0-38DF-X	D2.94
LCCX4/0-38DH-X	D2.92
LCCX4/0-38D-X	D2.90
LCCX4-14AB-L	D2.89
LCCX4-14AF-L	D2.93
LCCX4-14AH-L	D2.91
LCCX4-14A-L	D2.89
LCCX4-14BF-L	D2.93
LCCX4-14BH-L	D2.91
LCCX4-14B-L	D2.89
LCCX4-38BD-L	D2.89
LCCX4-38BF-L	D2.93
LCCX4-38BH-L	D2.91
LCCX4-38B-L	D2.89
LCCX4-38DF-L	D2.93
LCCX4-38DH-L	D2.91
LCCX4-38D-L	D2.89
LCCX500-12-6	D2.90
LCCX6-10BF-L	D2.93
LCCX6-10BH-L	D2.91
LCCX6-10B-L	D2.89
LCCX6-14AB-L	D2.89
LCCX6-14AF-L	D2.93
LCCX6-14AH-L	D2.91
LCCX6-14A-L	D2.89
LCCX6-14BF-L	D2.93
LCCX6-14BH-L	D2.91
LCCX6-14B-L	D2.89
LCCX6-14DF-L	D2.93
LCCX6-14DH-L	D2.91
LCCX6-14D-L	D2.89
LCCX6-38AC-L	D2.89
LCCX6-38AF-L	D2.93
LCCX6-38AH-L	D2.91
LCCX6-38A-L	D2.89
LCCX6-38CF-L	D2.93
LCCX6-38CH-L	D2.91
LCCX6-38C-L	D2.89
LCCX6-38DF-L	D2.93
LCCX6-38DH-L	D2.91
LCCX6-38D-L	D2.89
LCCX8-10AB-L	D2.89
LCCX8-10AF-L	D2.93
LCCX8-10AH-L	D2.91
LCCX8-10A-L	D2.89
LCCX8-10BF-L	D2.93
LCCX8-10BH-L	D2.91
LCCX8-10B-L	D2.89
LCCX8-14AB-L	D2.89
LCCX8-14AF-L	D2.93
LCCX8-14AH-L	D2.91
LCCX8-14A-L	D2.89
LCCX8-14BF-L	D2.93
LCCX8-14BH-L	D2.91
LCCX8-14B-L	D2.89
LCCX8-14DF-L	D2.93
LCCX8-14DH-L	D2.91
LCCX8-14D-L	D2.89
LCCX8-38DF-L	D2.93
LCCX8-38DH-L	D2.91
LCCX8-38D-L	D2.89
LCD1000-00-3	D2.39
LCD1000-12-3	D2.31

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LCD1000-12E-3	D2.31
LCD1/0-00-X	D2.39
LCD10-10AF-L	D2.34
LCD10-10AH-L	D2.32
LCD10-10A-L	D2.30
LCD1/0-12F-X	D2.35
LCD1/0-12H-X	D2.33
LCD1/0-12-X	D2.31
LCD10-14AF-L	D2.34
LCD1/0-14AF-X	D2.35
LCD10-14AH-L	D2.32
LCD1/0-14AH-X	D2.33
LCD10-14A-L	D2.30
LCD1/0-14A-X	D2.31
LCD1/0-14BF-X	D2.35
LCD1/0-14BH-X	D2.33
LCD10-14B-L	D2.30
LCD1/0-14B-X	D2.31
LCD10-14D-L	D2.30
LCD10-38DF-L	D2.34
LCD1/0-38DF-X	D2.35
LCD10-38DH-L	D2.32
LCD1/0-38DH-X	D2.33
LCD10-38D-L	D2.30
LCD1/0-38D-X	D2.31
LCD1/0-56CF-X	D2.35
LCD1/0-56CH-X	D2.33
LCD1/0-56C-X	D2.31
LCD1-12-E	D2.31
LCD1-12F-E	D2.35
LCD1-12H-E	D2.33
LCD1-14A-E	D2.31
LCD1-14AF-E	D2.35
LCD1-14AH-E	D2.33
LCD1-14B-E	D2.31
LCD1-14BF-E	D2.35
LCD1-14BH-E	D2.33
LCD1-38D-E	D2.31
LCD1-38DF-E	D2.35
LCD1-38DH-E	D2.33
LCD1-56C-E	D2.31
LCD1-56CF-E	D2.35
LCD1-56CH-E	D2.33
LCD2/0-00-X	D2.39
LCD2/0-12F-X	D2.35
LCD2/0-12H-X	D2.33
LCD2/0-12-X	D2.31
LCD2/0-14AF-X	D2.35
LCD2/0-14AH-X	D2.33
LCD2/0-14A-X	D2.31
LCD2/0-14BF-X	D2.35
LCD2/0-14BH-X	D2.33
LCD2/0-14B-X	D2.31
LCD2/0-38DF-X	D2.35
LCD2/0-38DH-X	D2.33
LCD2/0-38D-X	D2.31
LCD2/0-56CF-X	D2.35
LCD2/0-56CH-X	D2.33
LCD2/0-56C-X	D2.31
LCD2-12F-Q	D2.34
LCD2-12H-Q	D2.33
LCD2-12-Q	D2.31
LCD2-14AF-Q	D2.34
LCD2-14AH-Q	D2.33
LCD2-14A-Q	D2.31
LCD2-14BF-Q	D2.34
LCD2-14BH-Q	D2.33
LCD2-14B-Q	D2.31
LCD2-14DF-Q	D2.34
LCD2-14DH-Q	D2.33
LCD2-14D-Q	D2.31
LCD2-38DF-Q	D2.34
LCD2-38DH-Q	D2.33
LCD2-38D-Q	D2.31
LCD250-00-X	D2.39
LCD250-12F-X	D2.35
LCD250-12H-X	D2.33
LCD250-12-X	D2.31
LCD250-38DF-X	D2.35
LCD250-38DH-X	D2.33
LCD250-38D-X	D2.31
LCD2-56BF-Q	D2.34
LCD2-56BH-Q	D2.33
LCD2-56B-Q	D2.31
LCD300-00-X	D2.39
LCD3/0-00-X	D2.39

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LCD300-12F-X	D2.35
LCD300-12H-X	D2.33
LCD300-12-X	D2.31
LCD300-38DF-X	D2.35
LCD300-38DH-X	D2.33
LCD300-38D-X	D2.31
LCD3/0-12F-X	D2.35
LCD3/0-12H-X	D2.33
LCD3/0-12-X	D2.31
LCD3/0-14BF-X	D2.35
LCD3/0-14BH-X	D2.33
LCD3/0-14B-X	D2.31
LCD3/0-38DF-X	D2.35
LCD3/0-38DH-X	D2.33
LCD3/0-38D-X	D2.31
LCD3/0-56DF-X	D2.35
LCD3/0-56DH-X	D2.33
LCD3/0-56D-X	D2.31
LCD350-00-X	D2.39
LCD350-12EF-X	D2.35
LCD350-12EH-X	D2.33
LCD350-12E-X	D2.31
LCD350-12F-X	D2.35
LCD350-12H-X	D2.33
LCD350-12-X	D2.31
LCD350-14BF-X	D2.35
LCD350-14BH-X	D2.33
LCD350-14B-X	D2.31
LCD350-38DF-X	D2.35
LCD350-38DH-X	D2.33
LCD350-38D-X	D2.31
LCD400-00-6	D2.39
LCD4/0-00-X	D2.39
LCD400-12-6	D2.31
LCD400-12F-6	D2.35
LCD400-12H-6	D2.33
LCD400-38D-6	D2.31
LCD400-38DF-6	D2.35
LCD400-38DH-6	D2.33
LCD4/0-12F-X	D2.35
LCD4/0-12H-X	D2.33
LCD4/0-12-X	D2.31
LCD4/0-14BF-X	D2.35
LCD4/0-14BH-X	D2.33
LCD4/0-14B-X	D2.31
LCD4/0-38DF-X	D2.35
LCD4/0-38DH-X	D2.33
LCD4/0-38D-X	D2.31
LCD4-10AF-L	D2.34
LCD4-10AH-L	D2.32
LCD4-10A-L	D2.30
LCD4-10BF-L	D2.34
LCD4-10BH-L	D2.32
LCD4-10B-L	D2.30
LCD4-14AF-L	D2.34
LCD4-14AH-L	D2.32
LCD4-14A-L	D2.30
LCD4-14BF-L	D2.34
LCD4-14BH-L	D2.32
LCD4-14B-L	D2.30
LCD4-14DF-L	D2.34
LCD4-14DH-L	D2.32
LCD4-14D-L	D2.30
LCD4-38DF-L	D2.34
LCD4-38DH-L	D2.32
LCD4-38D-L	D2.30
LCD500-00-6	D2.39
LCD500-12-6	D2.31
LCD500-12E-6	D2.31
LCD500-12EF-6	D2.35
LCD500-12EH-6	D2.33
LCD500-12F-6	D2.35
LCD500-12H-6	D2.33
LCD500-14B-6	D2.31
LCD500-14BF-6	D2.35
LCD500-14BH-6	D2.33
LCD500-38D-6	D2.31
LCD500-38DF-6	D2.35
LCD500-38DH-6	D2.33
LCD600-00-6	D2.39
LCD600-12-6	D2.31
LCD600-12F-6	D2.35
LCD600-12H-6	D2.33
LCD600-38D-6	D2.31
LCD600-38DF-6	D2.35
LCD600-38DH-6	D2.33

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LCD6-10AF-L	D2.34
LCD6-10AH-L	D2.32
LCD6-10A-L	D2.30
LCD6-10BF-L	D2.34
LCD6-10BH-L	D2.32
LCD6-10B-L	D2.30
LCD6-10DF-L	D2.34
LCD6-10DH-L	D2.32
LCD6-10D-L	D2.30
LCD6-14AF-L	D2.34
LCD6-14AH-L	D2.32
LCD6-14A-L	D2.30
LCD6-14BF-L	D2.34
LCD6-14BH-L	D2.32
LCD6-14B-L	D2.30
LCD6-14DF-L	D2.34
LCD6-14DH-L	D2.32
LCD6-14D-L	D2.30
LCD6-38DF-L	D2.34
LCD6-38DH-L	D2.32
LCD6-38D-L	D2.30
LCD6-56DF-L	D2.34
LCD6-56DH-L	D2.32
LCD6-56D-L	D2.30
LCD750-00-6	D2.39
LCD750-12-6	D2.31
LCD750-38D-6	D2.31
LCD8-10AF-L	D2.34
LCD8-10AH-L	D2.32
LCD8-10A-L	D2.30
LCD8-14AF-L	D2.34
LCD8-14AH-L	D2.32
LCD8-14A-L	D2.30
LCD8-14BF-L	D2.34
LCD8-14BH-L	D2.32
LCD8-14B-L	D2.30
LCD8-14DF-L	D2.34
LCD8-14DH-L	D2.32
LCD8-14D-L	D2.30
LCD8-38DF-L	D2.34
LCD8-38DH-L	D2.32
LCD8-38D-L	D2.30
LCDN1/0-14DF-X	D2.38
LCDN1/0-14DH-X	D2.37
LCDN1/0-14D-X	D2.36
LCDN1/0-56DF-X	D2.38
LCDN1/0-56DH-X	D2.37
LCDN1/0-56D-X	D2.36
LCDN1-14B-E	D2.36
LCDN2/0-14A-X	D2.36
LCDN2/0-14D-X	D2.36
LCDN2/0-56A-X	D2.36
LCDN2/0-56D-X	D2.36
LCDN2-14AF-Q	D2.38
LCDN2-14AH-Q	D2.37
LCDN2-14A-Q	D2.36
LCDN2-14B-Q	D2.36
LCDN2-14DF-Q	D2.38
LCDN2-14DH-Q	D2.37
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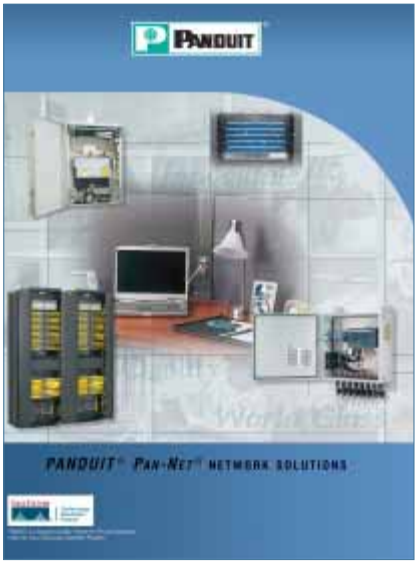
WL32Y	E4.23
WL33Y	E4.23
WL35Y	E4.23
WL36Y	E4.23
WPMH-C	B2.17
WPS-20	C2.60
WPS-202	C2.60
WR2-C	C1.26
WR3-C	C1.26
WR4-C	C1.26
WR5-C	C1.26
WRS-A-C10	C1.26
WS25-25-C	B2.37
WS25-50-C	B2.37
WS25-75-C	B2.37
WS35-25-C	B2.37
WS35-50-C	B2.37
WS35-75-C	B2.37
WS50-25-C	B2.37
WS50-50-C	B2.37
WS50-75-C	B2.37
WS75-25-C	B2.37
WS75-50-C	B2.37
WS75-75-C	B2.37

PANDUIT **is a global leader in cabling and communication products, delivering end-to-end solutions in support of demanding electrical and networking requirements.**

PANDUIT Catalogs



Network Connectivity

SA-NCCB14

- Cable
- Modules
- Work Area Outlet Solutions
- Surface Raceway
- Zone Cabling
- Patch Panels, Copper Patch Cords & Punchdowns
- Fiber Connectors, Enclosures & Patch Cords
- Fiber Routing Systems
- Racks & Cable Management
- Grounding & Bonding
- Industrial Wiring Duct
- Cable Ties & Accessories
- Labeling & Administration

Structured Grounding System

SA-PCCB04

- Rack Grounding Strip Kits
- Common Bonding Network (CBN) to Rack Jumper Kit
- Equipment Jumper Kits
- Paint Piercing Grounding Washer Kits
- Electrostatic Discharge (ESD) Port Kit
- Retrofit Rack Grounding Kits
- Thread-Forming Screws
- Bonding Screws
- BICSI/J-STD-607-A Telecommunications Grounding Busbars
- Telecommunications Grounding and Bonding Conductor Label Kit
- Ring Terminals
- Copper Compression Lugs
- Copper Compression HTAPs and Clear Covers
- Grounding Clamps
- Crimping Tools

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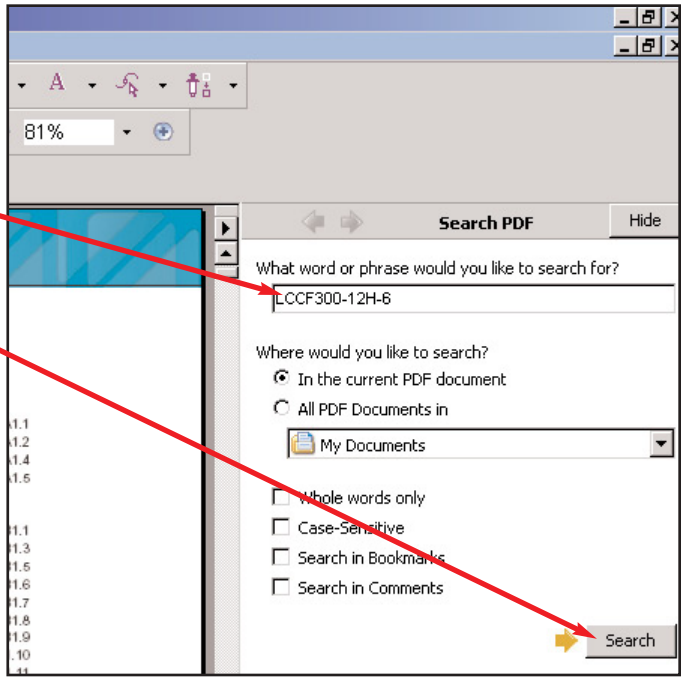
Searching by Part Numbers in this Catalog PDF

1. To search for a Part Number in this Catalog PDF, either press the Control key and the letter F (Ctrl-F) at the same time OR from the menu bar, select Edit, and then select Find/Change.

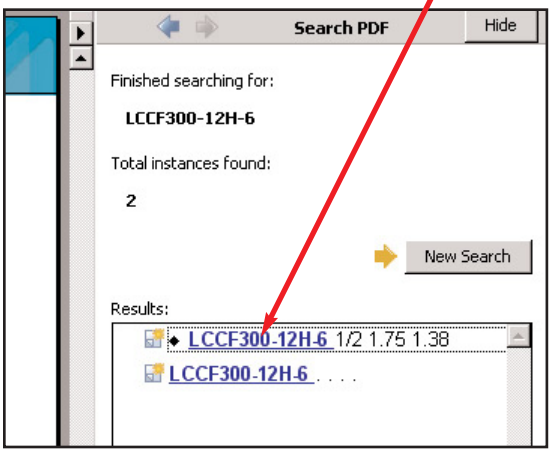
2. The screen will spit into two parts. In the first window on the right side, type in the part number you wish to find. For example, if you wish to find LCCF300-12H-6, type as shown. There is no need to be case sensitive in your typing.

3. When you are done typing, press the "Search" button.

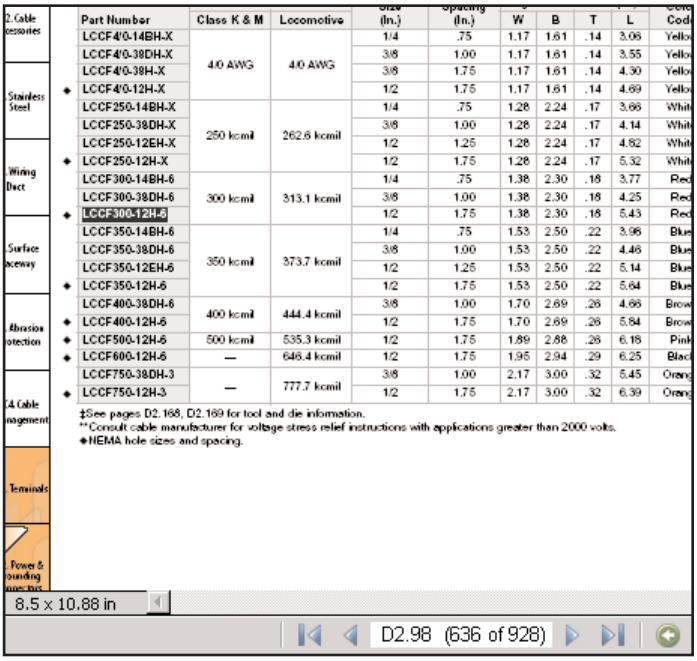
If you want to be less precise in your search, and find all instances of similar part numbers, you could type in just part of the number. For example, if you want to find all the LCCF300 numbers, just type in LCCF300.



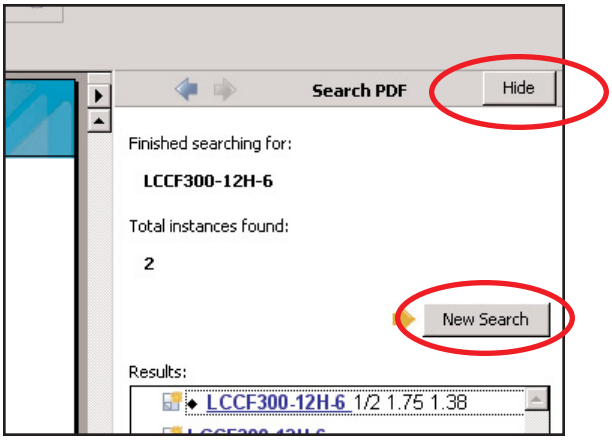
4. The right side of the screen, under "Results", will now display all occurrences of the part number. Select any of the choices to be taken to that page.



5. The left side of your screen will now show the page with the part number, and the part number will be highlighted (see below).



6. To return to a full screen view, select the "Hide" button. To keep the "Search PDF" screen and search for more part numbers, select the "New Search" button (see below).



Note: An alternative is to look in the Part Number Index at the back of this PDF and find the part number manually, then manually scroll to the page indicated.

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