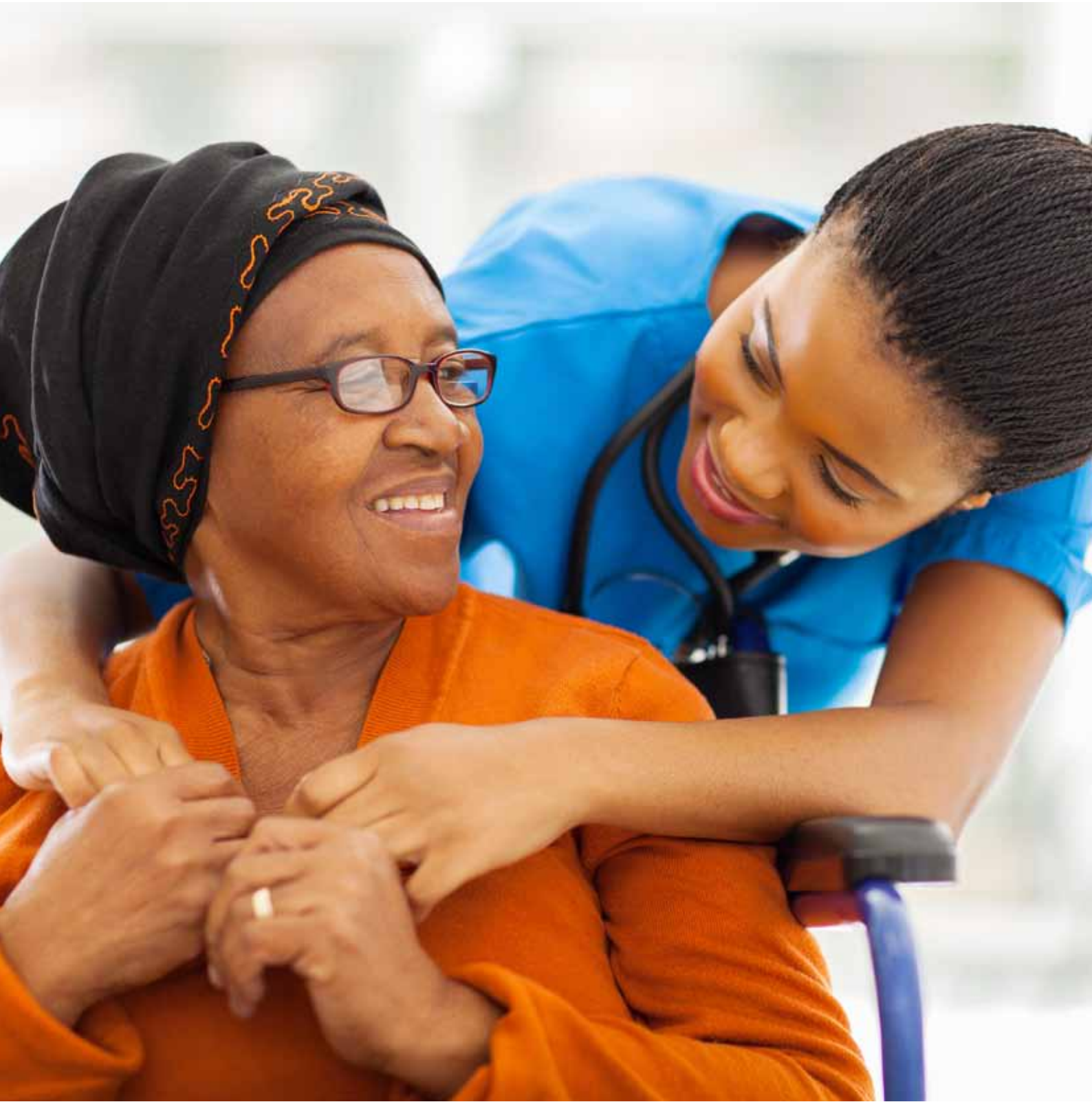


PRODUCT AND SOLUTIONS GUIDE

Connected Enterprise Solutions India





Connecting Data >
Connecting Users
Delivering Compassion

molex[®]

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Connected Buildings Simply Solved >

From commercial centres, manufacturing, government departments to healthcare and education, your network designs will perform better and last longer with Molex technology.

As a premier provider of revolutionary new and comprehensive network technologies we offer, end-to-end structured cabling solutions including copper and fibre that connect businesses to their mission critical applications.



Transforming the way global businesses approach IT infrastructure

Partner of Choice

Molex has specialised in the design and manufacturing of high quality products that enable connected enterprises for over 30 years.

We apply the latest production techniques and have invested in sophisticated manufacturing equipment to ensure consistent high quality products and fast response to customer requirements.

With regional offices in over 10 countries including UK, Poland, America, China, UAE, Australia and India. Plus, direct trade into more than 100 countries, we have cemented our position as a world-class solutions provider.

Molex CES is part of the Molex group (a subsidiary of Koch Industries) we are globally recognised provider of electronic solutions in a wide range of industries, including data communications, consumer electronics, industrial, automotive, commercial vehicle and medical.

We have design and manufacturing facilities around the world, with an expert team of problem-solvers who work across borders to help bring your vision to life. We lead the industry in R&D investment, striving to develop and deliver innovative, high-quality, reliable solutions that can be customized to meet your needs.

Together, we can turn your vision into reality.

Why Choose Molex?

- Part of Molex, LLC with revenue of \$4 billion+ and 40,000 employees
- Certified to all the key international approvals
- Product Lifetime guarantee
- Trust, integrity & support
- Localised customer service worldwide

Connected Buildings Simply Solved >



Ecocare

As a responsible corporate citizen, we are committed to using environmentally conscious practices during the design and manufacture of our products. These environmental practices are designed to ensure that Molex is developing sustainability through environmental preservation activities.



Comply with all relevant environmental, health and safety compliance obligations

Operate our facilities in a way that considers the efficient use of natural resources and provides a safe and healthy workplace. Develop products that minimize environmental impact

Continually improve our environmental, health and safety performance and operations

Advise Molex employees and business partners of the importance of adhering to this Policy



Reduce or eliminate emissions and discharges through pollution prevention activities: Prevent injury and illness through management practices

Educate employees to work in an environmentally responsible and safe manner

Molex Accreditation

Our worldwide manufacturing sites are certified to the ISO 14001 environmental management system standard, which requires that a broad range of environmental processes and policies be in place to minimise environmental impact and maintain compliance with environmental regulations.

Product Lifetime Guarantee

We're proud of our own manufacturing standards, as well as the quality of work provided by our global Certified Installer network. So proud in fact, that our structured cabling products enjoys a 25-year System Performance and Application Assurance Warranty. It's simple and fuss-free, providing you with the confidence, technical excellence and long-term financial security you demand for your business.





Training Courses

Your organisational needs continuously evolve, and your Molex CES products and services help you keep pace with operational demands. Our growing training portfolio can help optimise your team's proficiency. Increase the return on your investment with our versatile training solutions and best practices from our expert instructors and designers.

Visit and register at the Molex customer service portal, access link from <http://csp.molex.com>.

Software Tools

Three essential software tools for system consultants and advisers.

- Cable Fill Rate estimator, used to calculate different widths and types of cable and how many you will be able to fit in cable pathways
- Consultant Proposal Generator
- BoM Estimator

These tools can be found by visiting and registering at the Molex customer service portal, access link from <http://csp.molex.com>.

Data Services

Data centres are a critical resource for many businesses, as reliance on digitally stored information grows. Molex Structured Cabling delivers:

- The performance, reliability and uptime data centres demand
- Consistent quality, from design and procurement through deployment and routine moves, adds and changes

Manufacturing & Industrial

Harsh conditions can complicate IT infrastructure in manufacturing and industrial settings. Molex Structured Cabling:

- Certified for reliability and durability
- Offers incremental savings with minimal risk
- Broad product range to meet the diverse needs of our customers while maintaining a focus on robust and reliable solution

Education

Education is going digital and global, with webinars, video conferencing and on-demand content. Molex Structured Cabling helps:

- High-traffic networking with reliable uptimes
- Top quality at a cost-effective price

Healthcare

The growing volumes of patient records, imaging and video consultations must be delivered quickly and securely throughout the growing healthcare ecosystem. Molex Structured Cabling helps:

- Enable and leverage the Internet of Things
- Protect their investment, with a cost-effective approach that's backed by a 25-year warranty



Your physical layer infrastructure Simply Solved >



With the rapid growth of IP-based systems, cloud services and the Internet of Things, it has become essential to ensure that the LAN cabling system you specify and install today, meets the needs of your organisation tomorrow.

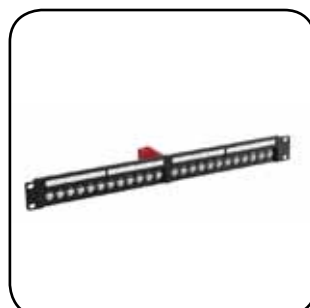


Advanced Physical Layer Management



MIIM G3

The MIIM solution enables complete real-time monitoring of the physical channel between MIIM panels, while supporting easy communication to SNMP based network management tools. MIIM's Device Discovery Toolkit, including Global, Directed and Event-Driven Discovery populate the MAC and IP addresses of discovered devices to the MIIM database, enabling continuous monitoring & mapping the physical layer.



It facilitates work order management, including scheduling and recording of moves, adds and changes (MACs), and enables patch guidance for technicians, with LEDs on the patch panels to indicate ports with pending work orders.

Advanced Physical Layer Management

MIIM™



MIIM Scanner

MIIM scanners monitor activity on a MIIM enabled system. Each 1U scanner can be connected to up to 48 patch panels, providing monitoring of up to 1152 separate physical channels. Standard RJ45 patch cords are used as the data bus connection between scanners and patch panels.

MIIM scanners can be configured and activated independently of the software. When the MIIM application software is connected to the scanner, it "discovers" active hardware and devices on the network and uploads this information onto the MIIM application software. Scanners monitor the connection state of MIIM channels and pass state change data to the MIIM application software. This triggers MIIM's Event-Driven Discovery function which queries the associate switch and updates the software.

- Event-Driven Discovery enables continuous updating of MIIM with minimal impact to the network
- Simple scanner configuration
- Mission critical port disconnection alerts
- Low power consumption with no fans or cooling required
- Transaction queues record events for later delivery if the scanner is disconnected from the MIIM application
- Data bus connection between the scanner and patch panel is via an industry standard RJ45 patch cord



PowerCat
Patch cords
Page 23

Order No.	SAP No.	Description
IMS-00100	183240000	MIIM 576 Channel Scanner
IMS-00101	183240008	MIIM 96 Channel Scanner



MIIM G3 Patch Panels

MIIM G3 Patch Panels are used within the MIIM System. Each 1U 24 Port Patch Panel has one data bus connection port located on the rear of the panel which is used to connect the control unit. The control unit connects the panel to the MIIM scanner via a standard RJ45 patch cord. The patch panel is used by the MIIM system to track connectivity in the patch zone. LED status indicators on the control unit show status of connectivity between the panel and the scanner and also the LED indicators on the panel provide panel guidance for work orders. Each panel contains 24 MIIM jacks which can be removed from the panel to be terminated individually with standard punch down tools. MIIM panels function as a standard patch panel when not connected to the MIIM system.

- 24 Ports 1U
- Cat 6 UTP and Cat 6A FTP
- EIA 568A/B wired
- Standard 19" rack mount
- Data bus connection to the MIIM G3 control unit
- Integral cable management shelf ensures bend radius compliance
- International hardware kit contains both ANSI and metric hardware
- Can be terminated using industry standard punch-down tools
- RoHS Compliant
- Intelligent Control unit need to be purchased separately



Solid Cable
Assemblies
Page 22

Order No.	SAP No.	Description
PID-00283	183200023	1U 24 Port Category 6 UTP MIIM G3 Jack Loaded Patch Panel W/O Control Unit
PID-00285	183210036	1U 24 Port Category 6A Shielded MIIM G3 Jack Loaded Patch Panel W/O Control Unit



MIIM G3 Intelligent Control Unit

The MIIM G3 intelligent control unit enables MIIM Ready G3 panels to sense adds, moves, and changes across all 24 ports on the panel. The control unit contains LED's to indicator the power supply from scanner. Control unit can be easily added to MIIM ready panels to activate full MIIM capabilities. The control unit contains an RJ45 jack to connect it to the MIIM scanner via a standard patch cord. MIIM Panels with control units that are not connected to a MIIM scanner function the same as a standard patch panel.

- MIIM Control unit provides intelligent management for MIIM G3 panels
- MIIM Control unit is easily added and removed from any MIIM G3 panel
- MIIM Control unit can be mounted on the panel by embedded screw
- MIIM Control unit is powered by the scanner
- Two power status indicators to ensure proper connection of power supply from the scanner
- Control units for fibre & copper panels are different

Order No.	SAP No.	Description
IMD-00005	183240015	MIIM G3 Intelligent control unit for copper panel - Red
IMD-00006	183240016	MIIM G3 Intelligent control unit for fibre panel - Yellow

Advanced Physical Layer Management

MIIM™

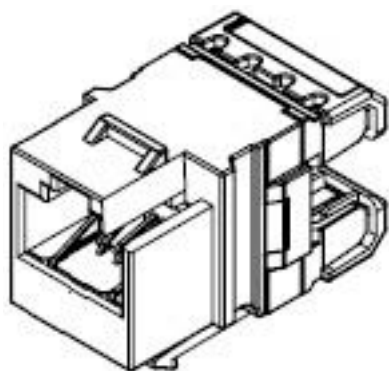


MIIM G3 24 Port Duplex LC Fibre Panel

MIIM™ G3 Fibre Optic panels are used within the MIIM System. The adapter interface is 24 duplex LC adapters. Each 1U 24 Port enclosure has one data bus connection port located on the rear of the panel that connects the panel to a MIIM Intelligent control unit. When connected to a MIIM scanner via control unit, the panels detect connection activity on each duplex LC port. The patch panel works as a conventional patch panel when not connected to the MIIM system

- 1U 24 port/48 fibre in LC duplex adapter
- Data bus connection to the MIIM G3 control unit
- Panel options for singlemode and multimode
- Slide out cable management shelf
- Recessed mounting provides adequate space for routing patch cords, even in free standing enclosures with the front door closed
- ANSI and international metric hardware kit provided
- Intelligent Control unit need to be purchased separately
- Using standard LC duplex fibre patch cord to connect MIIM G3 fibre panels

Order No.	SAP No.	Description
RFR-00318	183230013	MIIM G3 48F Duplex LC MM Fibre Patch Panel, W/O control unit
RFR-00319	183230014	MIIM G3 48F Duplex LC SM Fibre Patch Panel, W/O control unit



MIIM G3 Keystone Jack Category 6 UTP

The MIIM G3 C6 UTP Keystone Jack is in addition to the MIIM G3 product line designed for installation in MIIM G3 Keystone size apertures for panel installations. The jack can be terminated using industry standard punch-down tools.

The jack is designed for use in a standard permanent link or channel configuration so the standard Molex C6 UTP DataGate jack are installed in the Telecommunication/Wall Outlets.

- Dual colour-coding allows for 568 A/B wiring configuration patch panel and the work area outlet
- Exceeding Category 6 performance providing full support to Gigabit Ethernet
- Compatible with 22-24 AWG solid conductors providing support to wider range of cabling types
- Can be terminated using industry standard punch down tools
- Molded category identification on jack face

Order No.	SAP No.	Description
KSJ-00089	180430046	Category 6, G3 UTP MIIM, Keystone Jack - white



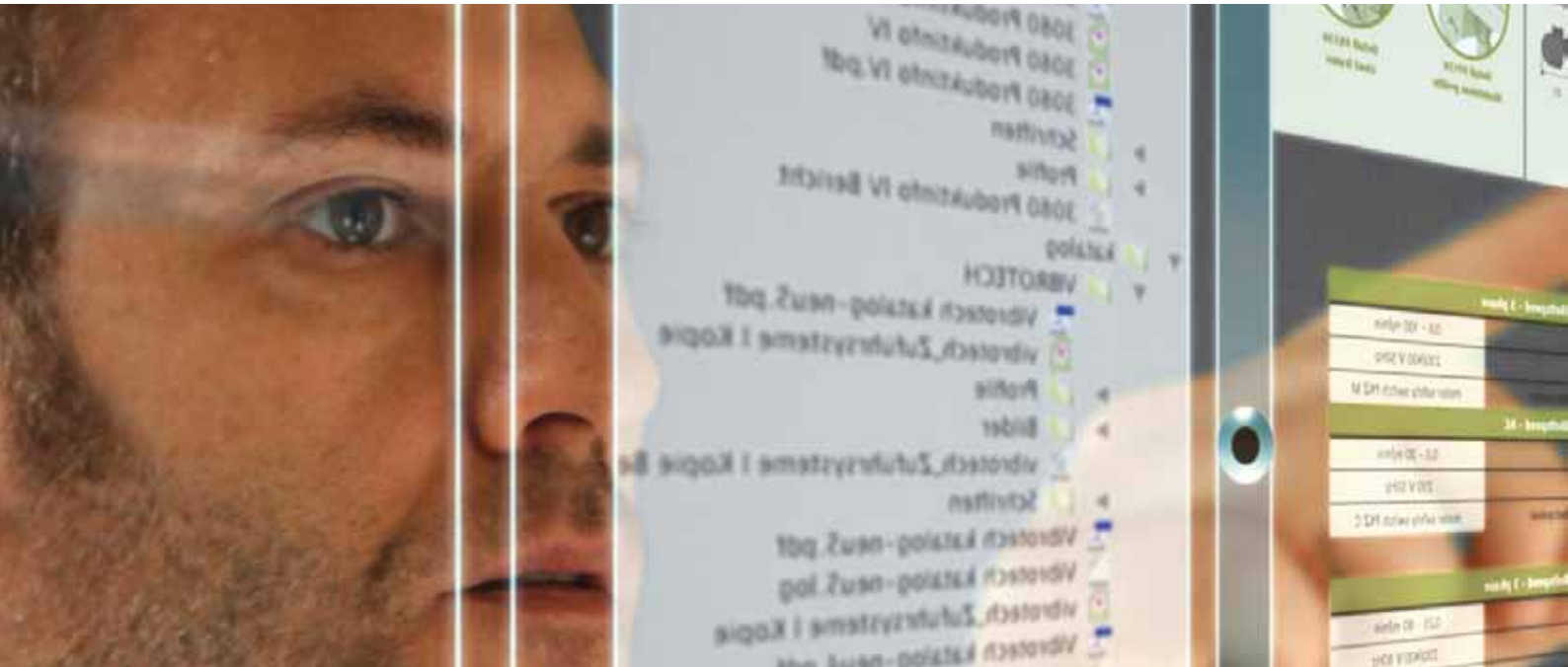
MIIM Application Software

MIIM Application Software is a client server based Software program and is the central data manager for the MIIM System. It manages OSI Layer 1 assets and provides instantaneous information to the IT Manager regarding connectivity on MIIM enabled channels. The software documents planned and unplanned changes to the network. It allows continuous monitoring of the physical channel between MIIM panels. It automatically monitors all connections/disconnections, updates all MACs to the database, identifies and confirms port availability and notifies the IT Manager of all unscheduled or unauthorized network changes. Event-Driven Discovery gathers device information attached to outlets and is triggered by updates to the scanner. The software allows global network access and cost-effective network management.

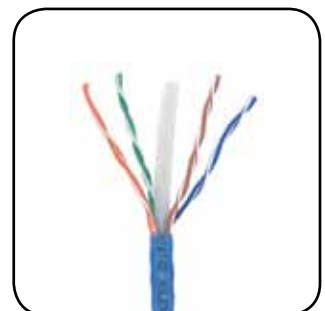
- Hierarchal view of entire enterprise layer 1 infrastructure to the port/outlet
- Event monitoring of all connections/disconnections
- Event-Driven Discovery keeps data current and minimises network bandwidth usage
- Enables guided patching
- Search feature to easily locate assets and information
- Event logs for audit trails
- Layer 1 assets linked to building maps
- Open systems architecture can link with other network management applications
- Suite of management reports available
- Unrestricted number of users per license

Order No.	SAP No.	Description
IMA-00102	183250004	MIIM Server Application License
IMM-00102	183250005	MIIM Server Support/Maintenance
IMA-00101	183250003	MIIM 96 Channel License
IMM-00101	183250002	MIIM 96 Channel License Software Maintenance

Reliable product performance Simply Solved >



Copper based Ethernet technology evolves and improves, providing continued adoption with enterprises. Technical advances have enabled the higher density, reduced power and improved cost-effectiveness.





Copper Solutions

PowerCat 5e

Molex's Category 5e product range is known as the PowerCat system and is designed to meet or exceed the requirements of current international standards. The product range offers backwards compatibility with Category 5 systems, with enhanced performance.

PowerCat 6

Molex's Category 6 Product Range, PowerCat 6, is designed to meet or exceed the requirements of current international standards and has been independently tested and verified by ETL SEMKO for Category 6 component compliance. The solution features cable, patch cords, patch panels and wall outlet solutions suitable for a wide range of territorial requirements.

PowerCat 6A Shielded

Designed to support 10-Gigabit Ethernet (10GBase -T), Category 6A is an optimum speed structured cabling solution offering superior performance where speed, reliability, future proofing or long term tenancy is required. It is the system of choice for Data Centres, financial institutions and enterprises requiring the maximum performance level for their businesses. The PowerCat 6A shielded solution is designed specifically for high speed data transmissions demanding little room for error, whilst offering exceptional alien crosstalk suppression, excellent insertion loss protection and protection against Electromagnetic Interference (EMI).

PowerCat 6A UTP

Molex PowerCat™ 6A solution has been developed with the highest performing capabilities in mind. With improved data transmission over higher frequencies and enhanced noise suppression. Our solution has been designed to provide alien crosstalk mitigation and is verified to ANSI/TIA 568C.2 and ISO 11801 Category 6A standards.

The key components of the system are the PowerCat 6A UTP Keystone Jack with an optional shutter, and the low overall diameter C6A UTP LS0H cable with a non-conductive isolation wrap designed to minimise AXT. The complete end-to-end solution also includes a range of modular patch panels and wall outlets.

Copper Solutions

PowerCat™ 6A UTP



PowerCat 6A U/UTP LS0H Cable

The PowerCat 6A U/UTP LS0H Cable is specifically designed to support high speed data network applications such as 10GBASE-T. The innovative design features an isolation foil wrap for alien crosstalk defence and offers a low nominal diameter allowing for a higher cable density and a lower bend radius. The product is 3rd party verified to ANSI/TIA-568.2-D and ISO 11801 Cat 6A standards.

- Suitable for any high-speed data application up to 500MHz 10/100/10GBASE-T
- Backward compatible to legacy protocols and applications
- IEEE 802.3bt Type 1,2,3 and 4
- ANSI/TIA-568.2-D and ISO 11801 Cat 6A standard verified
- No grounding or bonding required
- Low overall cable diameter offers high cable density and low bend radius, reducing the installation cost

Order No.	SAP No.	Description
CAA-00422-BL*	1810000011	PowerCat 6A U/UTP LS0H Cable, Violet - 305m box



PowerCat 6A UTP Keystone Jack

Designed to comply with the transmission performance of ANSI/TIA-568-C.2 Augmented Category 6. The Keystone Jack design is a popular, universal dimension that fits into a wide range of wall outlet and enclosure products. The PowerCat 6A UTP jack includes a snap-on shutter to protect against dust ingress. The product is designed to achieve the high level of functionality required for high-speed 10 Gbps data transmission. The product is also backward compatible with Category 6 and 5e systems. The Category 6A UTP Keystone Jack is 3rd party tested and verified for transmission performance, safety and 4PPoE+ compliance.

- Popular keystone design
- Optional shutter for dust protection
- 568A or 568B wiring option
- Rear metal-wrapped cable retention cap provides greater alien crosstalk protection
- 3rd party verified



Keystone Jack wallplate
Page 98

Order No.	SAP No.	Description
KSJ-00091-**	Consult Molex	Keystone Jack C6A UTP 568A/B

** Colour Options - 02 = White, 04 = Black, RD = Red, BL = Blue, 08 = Grey, 05 = Ivory
Standard Stocked Colours - Black and White. All colours may be subject to availability and variable pricing.



Keystone Patch Panel

The Molex 24 Port Modular Keystone Patch Panel is a flexible patching solution for small to medium size installations. The panel is shipped unloaded and can be configured to provide the exact number of ports required. The Keystone Jacks snap in easily and can be removed if required.

The patch panel features an integral rear cable management tray for ease of installation and cable dressing. Port identification can be provided by utilising the silk screened areas shown on the front of the panel.

- Available in 24 Ports 1U
- Modularity provides installation flexibility
- Easy snap in Keystone Jacks
- Rear cable management included
- Graphite grey finish
- Accepts UTP Keystone Jacks only

Order No.	SAP No.	Description
PID-00257	0180810023	24 Port Keystone Patch Panel - Unloaded - 1U

Copper Solutions

PowerCat™ 6A UTP



PowerCat 6A Patch Cords

Molex PowerCat 6A Shielded Patch Cords are key components of the PowerCat 6A shielded end-to-end solution. Designed to support high speed 10GBASE-T networks, they are also backward compatible with 10/100/1000BASE-T networks. The patch cable is made from high quality four pair 26 AWG stranded copper wire. The patch cords are pre-terminated with RJ45 plugs and feature anti-snag slim strain relief slip on boots.

- 4 pair 26 AWG shielded stranded copper cable
- Pre-terminated with RJ45 plugs
- Slim clear anti-snag slip on boots
- Suitable for EIA 568A/B wiring applications
- LS0H jacket
- 10G Performance when installed as a complete PowerCat 6A Shielded System
- RoHS Compliant
- Available in a range of colours and lengths

Order No.	SAP No.	Description
PCD-07000-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 1m
PCD-07061-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 1.5m
PCD-07001-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 2m
PCD-07002-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 3m
PCD-07004-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 5m
PCD-07006-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 7m
PCD-07009-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 10m

** Colour Options - 0C = Red, 0E = Grey, 0H = Blue, 0J = Green, 0K = Yellow, 0W = White, 0P = Purple, 0N = Orange, BK = Black
Standard Stocked Colours - Grey, Red, Blue. All colours and lengths may be subject to availability and variable pricing.

Copper Solutions

PowerCat™ 6A Shielded



PowerCat 6A U/FTP Cable

- Supports high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T)
- Enhanced performance individually screened 4 pair U/FTP LS0H cable
- Minimises alien crosstalk, provides excellent signal isolation and provides superior electromagnetic interference (EMI) protection
- ETL verified to TIA/EIA-568-B.2-10 Category 6A standard
- Resistant to alien crosstalk
- Colour coded for ease of termination
- 500m Reel

Order No.	SAP No.	Description
CAA-0322L-VL	0183020011	PowerCat 6A U/FTP LS0H Cable, Violet - 500m

Standard Stocked Colour - Violet. Additional colours and lengths may be subject to availability and MOQ.



Category 7A Cable

Category 7A S/FTP Cable (each pair has individual shield plus a common shield for the cable made of tinned copper braid) is a complementary product for shielded PowerCat 6 and PowerCat 6A (with limitations) systems.

The cable is suitable for horizontal cabling in high speed data transmission networks as well as vertical cabling for data. Small outer diameter, high flexibility and superior electrical performance are key features of the product.

- Transmission performance C7A in a 1-1000MHz range as per IEC 61156-5
- Provides significant margins for NEXT, PowerSum NEXT, PowerSum ELFEXT
- Alien NEXT is significantly reduced so it can be used for 10G Application
- Small outer diameter, high flexibility
- Delivered in 500m lengths on wooden, fully recyclable reels

Order No.	SAP No.	Description
CAA-00360	Consult Molex	Category 7A S/FTP Cable, 4 Pairs 1.2GHz LS0H, Violet - 500m reel



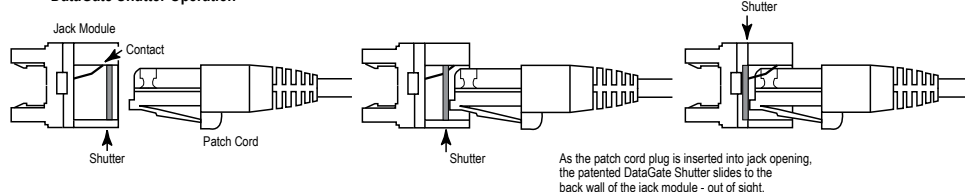
PowerCat 6A DataGate™ Shielded Jack

The DataGate Jack is the cornerstone of the Molex PowerCat 6A System performance. The product offers superior alien crosstalk suppression, excellent insertion loss protection and enhanced electromagnetic interference (EMI) protection. Protection is provided by utilising a robust die-cast zinc alloy connector body housing.

This shielded jack features a unique spring-loaded shutter that not only protects it from dust and contaminants, but the ingenious spring-loaded design also ejects improperly seated patch cords. The product is dual colour coded for either 568A or 568B wiring schedules and is backwards compatible with Shielded C6 and C5e systems. Also available in side entry variation, ideal for use in work area outlet applications with limited back box space.

- 360° Shielded RJ45 Jack
- Robust die-cast zinc alloy housing
- Dual Colour coding allows 568A/B wiring
- Patented IDC V-Shaped contacts that flex not fatigue when terminated
- Patented spring-loaded shutter
- RJ-11 compatible
- Accepts colour coded port identification labels
- Supplied with all C6A patch panels and wall outlets
- Available in either traditional rear or side entry variations
- Side entry jack allows cable termination either side
- 100% factory tested
- RoHS compliant
- Molex 4 Pair Termination Tool or industry standard 110 termination tool compatible

DataGate Shutter Operation



Order No.	SAP No.	Description
KSJ-00062-**-	Consult Molex	PowerCat 6A Jack RJ45 568A/B Shielded
KSJ-00073-**-	Consult Molex	PowerCat 6A Side Entry Jack Shielded

** Colour Options - 02 = White, 04 = Black



Copper Solutions

PowerCat™ 6A Shielded



4 Pair
Termination Tool
Page 108

PowerCat 6A Shielded Patch Panels

PowerCat 6A Patch Panels features the unique DataGate shielded connector. This shielded connector offers superior alien crosstalk suppression, excellent insertion loss protection and provides enhanced electromagnetic interference (EMI) protection by utilising robust die-cast zinc alloy connector body housing.

Patch Panels are made from robust sheet metal and are supplied with removable rear cable management trays for cable strain relief and neat cable dressing, front and rear port numbering and individual ports may be colour coded using connector icon labels for site specific network administration.

- 24 Ports 1U & 48 Port 2U
- EIA 568A/B wired
- ETL Verified
- Standard 19" rack mount
- IDC contacts that flex not fatigue when terminated
- Pointed IDC towers to speed termination and enhance cable retention
- Integral cable management shelf ensure bend radius compliance
- Grounding screws included

Order No.	SAP No.	Description
PID-00217	0182960000	PowerCat 6A 24 Port Patch Panel 568A/B Shielded - 1U
PID-00219	0182960002	PowerCat 6A 48 Port Patch Panel 568A/B Shielded - 2U
PID-00218	182960001	PowerCat 6A 24 Port Angled Patch Panel 568A/B Shielded - 1U
PID-00220	182960003	PowerCat 6A 48 Port Angled Patch Panel 568A/B Shielded - 2U
Accessories		
CSP-00021-*	Consult Molex	Blank Connector Icon Labels 6-Pack (Bag of 10)

** Colour Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple. All colours may be subject to availability and variable pricing.



PowerCat Unloaded DataGate Panels

The Molex PowerCat Unloaded DataGate Patch Panels can be configured to provide the exact number of modular ports required. DataGate Category 5e UTP, Category 6 UTP, or Category 6A shielded jacks can be terminated to cable and then snapped into this DataGate patch panel. The patch panel and rear cable manager are constructed of cold-rolled steel for strength and durability.

- Available in 1U 24P Flat, 1U 24P Angled, 2U 48P Flat, 2U 48P Angled
- Easy snap in DataGate UTP or Shielded Jacks (sold separately)
- Modularity provides installation flexibility
- Front portable labelling
- Individually removable patch panel ports
- Removable cable management shelf ensures bend radius compliance
- ANSI and metric hardware kit included
- Grounding screws included

Order No.	SAP No.	Description
PID-00258	180810031	PowerCat 24 Port DataGate Patch Panel, Unloaded UTP or Shielded - 1U
PID-00259	180810032	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U
PID-00260	180810033	PowerCat 48 Port DataGate Patch Panel, Unloaded UTP or Shielded - 2U
PID-00261	180810034	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U
KSJ-00005-0*	Consult Molex	Single Position Blank Module (Bag of 25)

* Colour Options - 2 = White, 4 = Black



1U Multi-Function
Enclosure Gen II
Page 62

PowerCat 6A Unloaded DataGate Adapter Plate

The Unloaded Adapter Plate 3 x C6A DataGate Jacks is designed for applications where fibre and copper are required in a single panel. The Adapter Plate is designed to accept the DataGate Category 6A Jack (part number KSJ-00062-0*) and snap fits into the Multi-Functional or Specification Grade Fibre Optic Panels. The Adapter Plate can also be combined with Fibre Optic 6 Fibre Adapter Plates for multi-media applications.

- Accommodates 3 x PowerCat 6A DataGate Jacks
- For use within Molex Multi-Functional or Specification Grade Fibre Panels
- Allows multi-media flexibility within a single enclosure/panel

Order No.	SAP No.	Description
AFR-00441	Consult Molex	Adapter Plate 3x PowerCat 6A DataGate (with grounding screws) unloaded

Copper Solutions

PowerCat™ 6A Shielded



PowerCat 6A Contura™ Module

The PowerCat 6A Contura Module was designed to combine aesthetics with functionality. The contemporary design of the product is ideal for the modern office and provides the user with the flexibility of modularity. Compatible with Contura wallplates, the module is supplied with a protected label facility and the angled design reduces patch cord bend radius. This product is shipped complete with the shielded C6A DataGate™ jack. Individual ports may be colour coded for site-specific network administration by fitting connector icon labels (part no. CSP-00021-0**).

- Contemporary design
- Protected labelling facility
- 22 x 50mm fascia
- Compatible with Contura wallplates
- Supplied with DataGate C6A jack

Order No.	SAP No.	Description
MGB-00006-02	0183010004	PowerCat 6A Angled Contura RJ45 Module, 568A/B - White



PowerCat 6A Consolidation Point / MUTO Enclosure

Consolidation Points or Multi-User Telecommunications Outlets (MUTO) are intended to provide increased flexibility and economy for installations where open office spaces require frequent re-configuration.

- Allows moves, adds and changes without re-terminating and re-testing of cable
- 8 port capacity
- Rugged enclosure
- Factory assembled
- PowerCat 6A Shielded DataGate Modules included
- RoHS compliant

Order No.	SAP No.	Description
CPT-00053	0180080078	PowerCat 6A 8 Port Consolidation Point Enclosure, Shielded



PowerCat 6A Patch Cords

Molex PowerCat 6A Shielded Patch Cords are key components of the PowerCat 6A shielded end-to-end solution. Designed to support high speed 10GBASE-T networks, they are also backward compatible with 10/100/1000BASE-T networks. The patch cable is made from high quality four pair 26 AWG stranded copper wire. The patch cords are pre-terminated with RJ45 plugs and feature anti-slag slim strain relief slip on boots.

- 4 pair 26 AWG shielded stranded copper cable
- Pre-terminated with RJ45 plugs
- Slim clear anti-slag slip on boots
- Suitable for EIA 568A/B wiring applications
- LS0H jacket
- 10G Performance when installed as a complete PowerCat 6A Shielded System
- RoHS Compliant
- Available in a range of colours and lengths

Order No.	SAP No.	Description
PCD-07000-**-	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 1m
PCD-07061-**-	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 1.5m
PCD-07001-**-	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 2m
PCD-07002-**-	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 3m
PCD-07004-**-	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 5m
PCD-07006-**-	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 7m
PCD-07009-**-	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 10m

** Colour Options - 0C = Red, 0E = Grey, 0H = Blue, 0J = Green, 0K = Yellow, 0W = White, 0P = Purple, 0N = Orange, BK = Black
Standard Stocked Colours - Grey, Red, Blue. All colours and lengths may be subject to availability and variable pricing.

Copper Solutions

PowerCat™ 6A Shielded



PowerCat 6A Solid Cable Assemblies

Molex PowerCat 6A shielded solid cable assemblies are ideal for consolidation point cabling or as equipment cords within a PowerCat 6A shielded end-to-end solution. The PowerCat 6A shielded solution is specifically designed to support secure-high speed 10GBASE-T networks and is backward compatible with 10/100/1000BASE-T networks. Cable assemblies are made from high quality shielded four pair 23 AWG solid copper wire and are pre-terminated with RJ45 plugs and feature anti-slug slip on boots.

- 4 pair 23 AWG solid copper wire
- Pre-terminated with RJ45 shielded plugs
- Anti-slug slip on boots
- TIA/EIA-568B wiring
- LS0H sheath
- 10G Performance when installed as a complete PowerCat 6A Shielded System
- RoHS Compliant

Order No.	SAP No.	Description
PCD-07054-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 4m
PCD-07055-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 6m
PCD-07056-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 8m
PCD-07057-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 10m
PCD-07058-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 20m
PCD-07059-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 30m
PCD-07060-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 40m



Locking patch cord RJ45-RJ45, 568B, F/FTP, Stranded, PowerCat 6A, LS0H, Grey

Molex Connected Enterprise Solutions Locking Patch Cords complement the PowerCat 6A shielded end-to-end solution. Molex PowerCat 6A Patch Cords are designed to support high speed networks including 10GBASE-T and 1000BASE-T. The Patch cables are equipped with RJ45 connectors protected by a locking mechanism. Once the patch cord is connected, it cannot be removed without the use of the specially designed key. This solution prevents unauthorized changes in patch cable connections within the Telecommunication Outlet zone or Patching zone. It also allows for

the protection of strategic connections within the system. The patch cable is made from high quality four pair F/FTP shielded 26 AWG stranded copper wire available in grey only. Six standard lengths are offered: 1m, 2m, 3m, 5m, 7m and 10m.

Keys for Locking Patch Cords are available in packs of 5 pieces.

- Patch cords are equipped with RJ45 connectors protected by a lock
- 4-Pair 26AWG shielded F/FTP cord with LS0H outer sheath
- Slim clear anti-slug slip on boots
- 568B wiring
- LS0H Sheath
- RoHS Compliant

Order No.	Description
PCD-07069-0E	Locking Patch cord RJ45-RJ45, 568B, F/FTP, Stranded, PowerCat 6A, LS0H 1 m Grey
PCD-07071-0E	Locking Patch cord RJ45-RJ45, 568B, F/FTP, Stranded, PowerCat 6A, LS0H 1 m Grey
PCD-07073-0E	Locking Patch cord RJ45-RJ45, 568B, F/FTP, Stranded, PowerCat 6A, LS0H 1 m Grey
PCD-07077-0E	Locking Patch cord RJ45-RJ45, 568B, F/FTP, Stranded, PowerCat 6A, LS0H 1 m Grey
PCD-07079-0E	Locking Patch cord RJ45-RJ45, 568B, F/FTP, Stranded, PowerCat 6A, LS0H 1 m Grey
PCD-07082-0E	Locking Patch cord RJ45-RJ45, 568B, F/FTP, Stranded, PowerCat 6A, LS0H 1 m Grey
PCD-07065	Pack of 5 Keys for Locking Patch Cords

PowerCat 6A U/FTP C6A Outside Cable

The Molex CAA-00418 is an outside plant Gel-Filled Category 6A 4 Pair U/FTP cable. A HDPE compound insulates the cores while a PE (UV) sheath provides protection against moisture and UV. An additional nylon outer jacket provides protection against abrasion and termites. The rugged construction of this cable makes it ideal for outdoor/ underground installations.

- Category 6A compliant
- UV resistant
- Suitable for outdoor/underground Installations
- Water resistant gel-filled design

Order No.	SAP No.	Description
CAA-00418-BL	Consult Molex	PowerCat 6A 4 Pair U/FTP Gel Filled OSP Cable PE (UV)/Nylon Sheathed - 305m

Available in Various Colours, Details Upon Request.

Copper Solutions

PowerCat™ 6A Shielded



PowerCat 6A Field Termination Plug

Molex's Category 6A field terminable plug is designed to support 10 Gigabit networks and can be easily terminated using parallel jaw pliers. Termination is accomplished by placing the conductors into the proper wire slots in the wire cap. Placing the wire cap onto the plug, using pliers to squeeze the wiring cap. All eight conductors are simultaneously terminated when the wire cap is squeezed. This process ensures quick, consistent, reliable terminations.

- Ideal for use to provide high-bandwidth wireless access points and other IP-enabled devices such as: Surveillance cameras and infrastructure monitoring
- Ideal in data centres, premise network applications and premise automation
- Accommodates diameter conductors from 22-26 AWG solid wire
- Meets TIA-568-C.2 Category 6A component performance, Cat 5e/6 and 6A Direct Attach link and channels

Order No.	SAP No.	Description
KSP-00001	Consult Molex	Category 6A Field Termination Plug



1U 24 Port, Angled Keystone Jack Aperture, Unloaded Patch Panel

The Molex 1U 24 Port patch panel with angled, staggered Keystone Jack apertures is ideal for high density installations which utilise side of rack/cabinet cable management. The angled port design orientates the shielded or UTP Keystone jack at 15 degrees while the panel itself is a linear design, rather than a V-shape. The staggered, angled jack positions eliminate the need for an additional cable management panel, while maintaining optimised patch cord bend radius. The innovative panel design maintains an even, level aesthetic in rack/cabinet layouts where a mix of active equipment and patch panels are included. The panel is finished in black with white port numbering for easy site administration, and is supplied with a robust rear

cable management tray, designed to support 24 UTP or shielded cables. An earth cable is provided for shielded installations.

- Eliminates the need for an additional horizontal cable management panel
- Angled, staggered ports orient the jack at 15°
- Compatible with Molex Keystone Jacks (supplied separately, part numbers shown below)
- Supplied unloaded for maximum installation flexibility
- Maintains the even aesthetics of active equipment and panels within a cabinet or rack
- Comes complete with rear cable management, port identification and earth cable and is shipped with the necessary fixing kit



Order No.	SAP No.	Description
PID-00282	180810045	1U 24 Port, Angled Keystone Jack Aperture, Patch Panel - Unloaded



PowerCat 6A Tool-less Shielded Keystone Jack

The Shielded Tool-less C6A Keystone Jack is in addition to the PowerCat 6A STP product line designed for installation in Structured Cabling Systems requiring Keystone size apertures for wall outlet installations. The jack is terminated without the use of a Punch Down Tool. The jack is designed for use in a two-connector permanent link or channel configuration so the standard Molex C6A Shielded DataGate panels are installed in the Distribution closet and C6A Keystone Jacks are installed in the

Telecommunication/Wall Outlets. The jack does not feature a dust shutter. This product provides excellent protection against electromagnetic interference protection due to its fully shielded 360° construction.

- 360° shielding for EMI protection
- Easy and fast termination process
- Ability to attach the cable in either 568A or 568B wiring
- Compatible with Molex C6 DataGate™ jacks in a two connector permanent link or channel configuration

Order No.	SAP No.	Description
KSJ-00079	Consult Molex	PowerCat 6A Tool-less shielded Keystone Jack, RJ45, 360°, 568A/B

Copper Solutions

PowerCat™ 6A Shielded



PowerCat 6A MOD-Clip™ DataGate Jacks

The PowerCat 6A MOD-Clip DataGate jack offers superior alien crosstalk suppression, excellent insertion loss, and provides enhanced electromagnetic interference (EMI) protection by utilising robust die-cast zinc alloy connector body housing. This shielded connector also features a unique spring-loaded shutter that not only protects it from dust and contaminants, but the ingenious spring-loaded design also ejects improperly seated patch cords. The shielded connector is dual colour coded for either 568A or 568B wiring schedules.

- ETL Verified
- Robust die-cast zinc alloy housing
- Dual Colour coding allows 568A/B wiring
- Patented IDC V-Shaped contacts that flex not fatigue when terminated
- Spring-Loaded Shutter
- Accepts colour coded port identification labels
- RoHS Compliant
- Spring loaded cable/drain wire clamp
- Designed for use with Molex's MOD-Clip wallplates
- Designed to fit the Clipsal®, HPM® system of wallplates



Order No.	SAP No.	Description
MMC-00017-02	0183010020	PowerCat 6A MOD-Clip Shielded Jack 8W 568 A/B White
MMC-00017-04	0183010019	PowerCat 6A MOD-Clip Shielded Jack 8W 568 A/B Black
MMC-00020-**	Consult Molex	PowerCat 6A Side Entry MOD-Clip DataGate Jack, RJ45, 568A/B Shielded

** Colour Options - 02 = White, 04 = Black

PowerCat 6A Euromod™ II Module

The Euromod modular system provides a flexible and versatile method of installation, allowing the user the choice of installing as many data outlets as required. Compatible with the Euromod range of wallplates, the module is supplied with a protected label facility and the angled design reduces patch cord bend radius. The product is shipped complete with the shielded C6A DataGate jack and 25 x 50mm fascia. Individual ports may be colour coded for site-specific network administration by fitting connector icon labels (part no. CSP-00021-0**).

- Protected labelling facility
- 22 x 50mm fascia
- Compatible with Euromod wallplates
- Supplied with DataGate C6A jack



Order No.	SAP No.	Description
MEU-00065-02	0183010005	PowerCat 6A Angled Euromod II RJ45 Module, 568A/B - White
MEU-00065-04	0183010012	PowerCat 6A Angled Euromod II RJ45 Module, 568A/B - Black
MEU-00070-**	Consult Molex	PowerCat 6A Angled Side Entry Euromod II Module, RJ45 568A/B, Shielded

** Colour Options - 02 = White, 04 = Black



PowerCat 6A MOD-SNAP™ III Module

The MOD-SNAP III Module is ideal for UK floor box applications and may be used with the MOD-SNAP wallplate range. The module is supplied with a protected label facility and the angled design reduces patch cord bend radius. The product is shipped complete with the shielded C6A DataGate™ jack and the 38.5 x 25mm (BT6C size) fascia.

- Protected labelling facility
- UK floorbox compatible
- Compatible with MOD-SNAP wallplates
- Supplied with DataGate C6A jack



Order No.	SAP No.	Description
MMS-00017-02	0183010003	PowerCat 6A Angled MOD-SNAP III RJ45 Module, 568A/B - White
MMS-00017-04	0183010011	PowerCat 6A Angled MOD-SNAP III RJ45 Module, 568A/B - Black
MMS-00019-**	Consult Molex	PowerCat 6A Angled Side Entry MOD-SNAP III Module RJ45 568B, Shielded

** Colour Options - 02 = White, 04 = Black

Copper Solutions

PowerCat™ 6 UTP



PowerCat 6 UTP Cable

- Supports ultra high speed data networks such as Gigabit Ethernet (1000 Base-T/1000 Base-TX) and beyond
- Features innovative pair twisting to ensure optimum Return Loss and NEXT performance and maintains pair twist rate during installation
- Incorporates central spine maintaining pair separation during installation to ensure premium performance after installation
- Supplied in convenient 305m "Reel in a Box"
- UL Listed & Verified
- 23 AWG Conductors for improved Insertion Loss Performance
- Available in blue and grey sheaths for application versatility
- RoHS Compliant

Order No.	SAP No.	Description
CAA-00076	0181440011	PowerCat 6 4 Pair PVC Cable, Blue, CM Rated, 305m Reel in a Box
CAA-00176	0181440012	PowerCat 6 4 Pair PVC Cable, Grey, CM Rated, 305m Reel in a Box
CAA-00200	0182080413	PowerCat 6 4 Pair LSOH Cable, Purple, CM Rated, 305m Reel in a Box

Standard Stocked Colour - Blue. All colours and lengths may be subject to availability and variable pricing.



PowerCat 6 Outside Premise Cable

The Molex Category 6 Outside Premise cable contains 4 Pair UTP sheathed with a grey LSOH compound. An additional layer of Heavy-Duty black PE outer jacket renders the cable suitable for outdoor installations

- Category 6 Compliant
- LSOH and PVC or PE (UV) and nylon Sheathed for greater protection
- UV Resistant
- Suitable for Outdoor/Underground Installations including mild mechanical abuse and rain

Order No.	SAP No.	Description
CAA-00335	181740038	PowerCat 6 Outdoor Premise Cable, LSOH, 305 m
CAA-00340	Consult Molex	PowerCat 6 4 Pair U/UTP Gel Filled OSP Cable PE(UV)/Nylon

PowerCat 6 F/UTP Cable LSOH 332.1

Molex Connected Enterprise Solutions PowerCat 6 FTP 4 Pair cable has been designed to support high speed data transmission systems. The cable is part of the PowerCat 6 FTP range of products that are designed to support a growing requirement for shielded cabling systems.

- Enhanced performance 4 pair Shielded LSOH cable
- Category 6 compliant, independently tested
- Colour coded for ease of termination
- 500 metre reel
- 60332.1 Fire performance



Order No.	SAP No.	Description
CAA-00251	Consult Molex	PowerCat 6 (C6) F/UTP Cable LSOH 332.1 500m reel

Copper Solutions

PowerCat™ 6 UTP



PowerCat 6 U/UTP Patch Cords

Molex PowerCat 6 U/UTP Patch Cords are key components of PowerCat 6 U/UTP End-to-End Solution. The PowerCat 6 Patch Cords are designed to support data networks for 10/100BASE-T and 1000BASE-T applications. The patch cable is made from high quality four pair 24 AWG stranded copper wire. Available in a range of colours and lengths, PowerCat 6 Patch Cords are pre-terminated with RJ45 plugs and feature anti-slug slim strain relief slip on boots.

- 4 pair 24 AWG stranded wire
- Pre-terminated with WE8W plugs
- Slim clear anti-slug slip on boots
- Suitable for EIA 568A or 568B wiring applications
- LS0H sheath
- RoHS Compliant

Order No.	SAP No.	Description
PCD-02000-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 0.5m
PCD-02001-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 1m
PCD-02002-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 1.5m
PCD-02003-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 2m
PCD-02005-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 3m
PCD-02009-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 5m
PCD-02013-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 7m
PCD-02019-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 10m

Insert color code in place of ** in part number when ordering Patch Cords:
 0C=Red, 0E=Grey, 0H=Blue, 0J=Green, 0K=Yellow, 0W=White, 0P=Purple, 0N=Orange, BK=Black
 Suffix "-I" indicates parts with MRP label.

PowerCat 6 Patch cord, F/UTP, Stranded, LS0H

Molex PowerCat 6 Shielded Patch Cords are key components of the PowerCat 6 shielded end-to-end solution. Molex PowerCat 6 Patch Cords are designed to support high speed networks. The patch cable is made from high quality four pair 26 AWG stranded copper wire. Available in a range of colours and lengths, PowerCat 6 patch cords are preterminated with

RJ45 plugs and feature anti-slug slim strain relief slip on boots.

- 4 pair 26 AWG stranded wire
- Pre-terminated with RJ45 plugs
- Slim clear anti-slug slip on boots
- Suitable for EIA 568A or 568B wiring applications
- LS0H sheath
- RoHS Compliant

Order No.	SAP No.	Description
PCD-04001-**-	Consult Molex	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 1m
PCD-04003-**-	Consult Molex	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 2m
PCD-04005-**-	Consult Molex	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 3m
PCD-04009-**-	Consult Molex	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 5m
PCD-04013-**-	Consult Molex	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 7m
PCD-04019-**-	Consult Molex	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 10m

Insert color code in place of ** in part number when ordering Patch Cords:
 0C=Red, 0E=Grey, 0H=Blue, 0J=Green, 0K=Yellow,

PowerCat 6 Solid Cable Assemblies

PowerCat 6 Solid U/UTP Cable Assemblies are designed for implementation in Category 6 installations, where Consolidation Points or Cross Connect equipment cords are required. The product is available in PVC and LS0H Solid Cable to meet all requirements within LAN and Data Centre environments.

- Category 6 performance
- LS0H versions
- 100% Factory Tested
- Strain relief boots for protection against cable tension

Order No.	SAP No.	Description
PCD-00464-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 4m
PCD-00465-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 6m
PCD-00466-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 8m
PCD-00467-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 10m
PCD-00468-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 20m
PCD-00469-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 30m
PCD-00470-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 40m

Suffix "-I" indicates parts with MRP label.

Copper Solutions

PowerCat™ 6 UTP



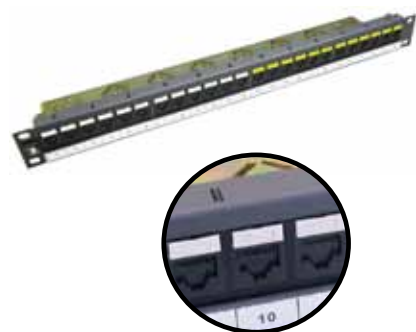
PowerCat Unloaded DataGate Panels

The Molex PowerCat Unloaded DataGate Patch Panels can be configured to provide the exact number of modular ports required. DataGate Category 5e UTP, Category 6 UTP, or Category 6A shielded jacks can be terminated to cable and then snapped into this DataGate patch panel. The patch panel and rear cable manager are constructed of cold-rolled steel for strength and durability.

- Available in 1U 24P Flat, 1U 24P Angled, 2U 48P Flat, 2U 48P Angled
- Easy snap in DataGate UTP or Shielded Jacks (sold separately)
- Modularity provides installation flexibility
- Front portable labelling
- Individually removable patch panel ports
- Removable cable management shelf ensures bend radius compliance
- ANSI and metric hardware kit included
- Grounding screws included

Order No.	SAP No.	Description
PID-00258	180810031	PowerCat 24 Port DataGate Patch Panel, Unloaded UTP or Shielded - 1U
PID-00259	180810032	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U
PID-00260	180810033	PowerCat 48 Port DataGate Patch Panel, Unloaded UTP or Shielded - 2U
PID-00261	180810034	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U
KSJ-00005-0*	Consult Molex	Single Position Blank Module

* Colour Options - 2 = White, 4 = Black



PowerCat 6 Patch Panels

PowerCat 6 Patch Panels feature the shuttered DataGate Connector which is dual colour coded for either 568A or 568B wiring. The panels come complete with an integral cable management tray for cable strain relief and tidy cable dressing. Available in 24 or 48 port versions, with front and rear port labelling. Individual ports can be colour coded using an icon for site-specific network administration.

- Shuttered DataGate RJ45
- 24 Port 1U, 48 Port 2U
- EIA 568A/B colour coded
- Integral rear cable management tray
- Standard 19" rack mount
- Graphite grey finish

Order No.	SAP No.	Description
PID-00141	182040009	PowerCat 6 24 Port Patch Panel RJ45 568A/B UTP C6 - 1U
PID-00142	182040010	PowerCat 6 48 Port Patch Panel RJ45 568A/B UTP C6 - 2U
Accessories		
CSP-00021-**	Consult Molex	Blank Connector Icon Labels 6-Pack (Bag of 10)
CSP-00022-**	Consult Molex	Data Connector Icon Labels 6-Pack (Bag of 10)
CSP-00023-**	Consult Molex	Voice Connector Icon Labels 6-Pack (Bag of 10)
CSP-00032	Consult Molex	Label holder kit (Bag of 10)

** Colour Options - 01 = Almond, 02 = White, 04 = Black, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple. All colours may be subject to availability and variable pricing.



PowerCat 6 Angled Patch Panels

Angled Patch Panels are ideal for installations of high density or which utilise extensive side and end-of-the-rack cable management. The angled feature provides enhanced port access and minimises patch cord bend radius to the rack. Each port features a patented spring-loaded shutter and can be colour coded using an icon for site specific network administration. The panel provides both front and rear port number identification.

- Shuttered DataGate™ RJ45
- 24 Ports 1U & 48 Port 2U
- Category 6 performance
- EIA 568A/B wired
- Standard 19" rack mount
- Individually removable patch panel ports
- Integral cable rear management

Order No.	SAP No.	Description
PID-00156	182080297	PowerCat 6 24 Port Angled Patch Panel RJ45 568A/B UTP - 1U
PID-00157	182080299	PowerCat 6 48 Port Angled Patch Panel RJ45 568A/B UTP - 2U

Copper Solutions

PowerCat™ 6 UTP



PowerCat 6™ FTP Patch Panel

The PowerCat 6 FTP Patch Panel is designed to support a growing requirement for shielded cabling systems offering enhanced EMC protection and improved Alien Crosstalk performance, providing 360° shielded protection by utilising a two piece tin/nickel plated brass can that encloses the RJ45 IDC.

- 24 Ports 1U
- Standard 19" rack mount
- Rear Cable Management
- Patented Spring-Loaded Shutter:
 - prevents incomplete mating
 - protects from dust and contaminants
- Patented IDC V-shaped contacts that flex not fatigue when terminated
- Features pointed IDC towers to speed termination and enhance cable retention
- 360° Shielded RJ45 Jack
- Dual colour-coding allows for 568 A/B wiring configuration

Order No.	SAP No.	Description
PID-00182	181520015	1U 24 Port PowerCat 6 FTP Loaded Patch Panel 568A/B with Cable Management
Accessories		
CSP-00021-**-**	Consult Molex	Blank Icons 60Pcs/Bg
CSP-00022-**-**	Consult Molex	Data 6-Pack Icons (Bag of 10)



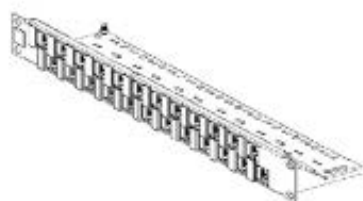
Keystone Patch Panel

Molex's Keystone panel provides an unloaded panel that can be loaded with Molex's range of Keystone UTP jacks.

Keystone patch panels are designed to be loaded with individual jacks allowing for easy maintenance if jacks have to be removed or replaced. Suitable for small installations with the feature of expanding for future upgrades.

- 1U 24 Port
- Standard 19" rack mount
- Unloaded Keystone Aperture
- Universal front labelling system that accepts 13mm commercial labels for a professional appearance
- Accommodates PowerCat 6 and PowerCat UTP Keystone jacks

Order No.	SAP No.	Description
PID-00257	Consult Molex	24 Port Keystone Patch Panel - Unloaded, 1U



PowerCat™ 24 Port Panel Unloaded

The Molex Connected Enterprise Solutions PowerCat 24 Port configurable patch panel is a flexible patching solution for multimedia applications. The panel is shipped unloaded and can be configured to provide the exact number of ports required. The patch panel features an integral rear cable management tray for ease of installation and cable dressing. Port identification is provided by the protected labelling feature provided.

- 24 Ports 1U
- Modularity for installation flexibility
- DataGate RJ45 and DataGate multimedia compatible
- Graphite grey finish
- Integral rear cable management tray

Order No.	SAP No.	Description
PID-00206	Consult Molex	1U 24 Port PowerCat 6 FTP Unloaded Patch Panel 568A/B with Cable Management
Accessories		
CSP-00021-**-**	Consult Molex	Blank Icons 60Pcs/Bg
CSP-00022-**-**	Consult Molex	Data 6-Pack Icons (Bag of 10)
CSP-00023-**-**	Consult Molex	Voice 6-Pack Icons (Bag of 10)

Copper Solutions

PowerCat™ 6 UTP



Media Configurable Patch Panels

The Multimedia Patch Panel allows for custom design field applications utilizing UTP, FTP, fiber, audio, video and coax modules. The unloaded panels are available as a 1U 24 Port DataGate and single Synergy Copper and Fiber Module compatible Option or in a 1U US0II option.

- Front labeling for port designation
- Standard 19" rack mounted
- 1U USP Panel accommodates 8 USO II Modules
- 1U 24 port Multimedia Patch Panel accommodates 24 DataGate and single Synergy modules.

Order No.	SAP No.	Description
PID-00076	0182080054	1U 24 Port Multimedia Patch Panel
PUS-00008	0180350003	1U 24 Port T1 Patch Panel - Category 3
88479-9223	Consult Molex	Rear Cable Manager

Suffix "-I" indicates parts with MRP label.



PowerCat Unloaded DataGate Adapter Plate

The Unloaded Adapter Plate 3 x DataGate Jacks is designed for applications where fibre and copper are required in a single panel. The Adapter Plate is designed to accept the DataGate UTP Jack and snap fits into the Multi-Functional or Specification Grade Fibre Optic Panels. The Adapter Plate can also be combined with Fibre Optic 6 Fibre Adapter Plates for multi-media applications.

- Accommodates 3 x DataGate Jacks
- For use within Molex Multi-Functional or Specification Grade Fibre Panels
- Allows multi-media flexibility within a single enclosure/panel



1U Multi-Function
Enclosure
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Order No.	SAP No.	Description
AFR-00440	Consult Molex	Adapter Plate 3x PowerCat DataGate unloaded



PowerCat 6 Consolidation Point Enclosures

Consolidation Points provide increased flexibility and economy for installations where open office spaces require frequent re-configuration. They feature 6 or 8 shuttered PowerCat 6 modules and allow ready access to the Consolidation Point to Telecommunication Outlet Links. The product is TIA/EIA TSB75 compliant. Two enclosures may be interconnected, allowing for expansion.

- Allows moves, adds and changes without re-terminating and re-testing of cable
- 6 or 8 port DataGate modules
- Rugged graphite grey enclosure
- TSB 75 compliant

Order No.	SAP No.	Description
CPT-00032	0180080065	PowerCat 6 6 Port Consolidation Point Enclosure RJ45 568B UTP
CPT-00033	0180080073	PowerCat 6 8 Port Consolidation Point Enclosure RJ45 568B UTP
Accessories		
CPT-00034	0180080059	Consolidation Point Enclosure Base - Unloaded
CPT-00039	0180080062	Consolidation Point Enclosure Plate - 6 Port
CPT-00040	0180080060	Consolidation Point Enclosure Plate - 8 Port

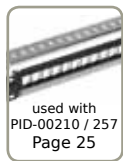
Copper Solutions
PowerCat™ 6 UTP



Category 6, Shielded, Feed Through Adapter and USO II Module

The Molex Category 6, Shielded Feed through Adapter expands the utilisation of the USO II product line for unique applications where preconnectorised cables must be mated.

The USO II Category 6 Feed Through module features two RJ45 Feed Through adapters, providing optimum density for either wall outlet or patch panel applications.



Order No.	SAP No.	Description
ADA-00006	Consult Molex	Category 6 Shielded, 8 wire Feed Through Adapter

Insert color code in place of ** in part number when ordering:
01=Almond, 02=White, 04=Black

Copper Solutions PowerCat™ 6 UTP



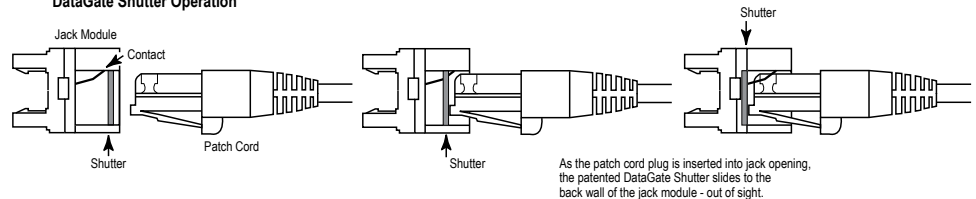
PowerCat 6 UTP DataGate™ Jack

The DataGate Jack is the cornerstone of the Molex CES PowerCat 6 System performance.

This jack features a unique spring-loaded shutter that not only protects it from dust and contaminants, but the ingenious spring-loaded design also ejects improperly seated patch cords. The product is dual colour coded for either 568A or 568B wiring schedules and is backwards compatible with C5e systems.

- Dual Colour coding allows 568A/B wiring
- Patented IDC V-Shaped contacts that flex not fatigue when terminated
- Patented spring-loaded shutter
- RJ-11 compatible
- Accepts colour coded port identification labels
- Molex 4 Pair Termination Tool or industry standard 110 termination tool compatible

DataGate Shutter Operation



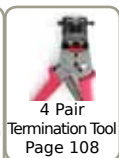
Order No.	SAP No.	Description
KSJ-00018-**-	Consult Molex	PowerCat 6 DataGate Jack, 568A/B
Accessories		
CSP-00021-**-	Consult Molex	Blank Connector Icon Labels 6-Pack (Bag of 10)
CSP-00022-**-	Consult Molex	Data Connector Icon Labels 6-Pack (Bag of 10)
CSP-00023-**-	Consult Molex	Voice Connector Icon Labels 6-Pack (Bag of 10)

** Colour Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple

Standard Stocked Jack Colours - Black and White. All colours may be subject to availability and variable pricing.



Outlet Configuration Solutions
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4 Pair Termination Tool
Page 108



Keystone Jack

Utilising patented IDC V-shaped contacts that flex not fatigue when terminated, the RJ45 Keystone Jack is compatible with any product that accepts the standard keystone profile.

- Dual Colour coding allows 568A/B wiring
- Patented IDC V-Shaped contacts that flex not fatigue when terminated
- Features pointed IDC towers to speed termination and enhance cable retention
- RJ-11 & RJ-12 compatible
- Moulded category identification on jack face
- Molex 4 Pair Termination Tool or industry standard 110 termination tool compatible

Order No.	SAP No.	Description
KSJ-00033-**-	Consult Molex	Keystone Jack, Category 6, 8W, 568A/B

** Colour Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple

Suffix "-I" indicates parts with MRP label.

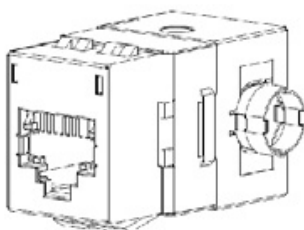


Keystone Jack wallplate
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PowerCat™ 6 Shielded DataGate Jack

The Molex PowerCat 6 Shielded DataGate Jack is a key component of the PowerCat 6 shielded channel compliant system. Designed to support a growing requirement for shielded cabling systems offering enhanced EMC protection and improved Alien Crosstalk performance.

- 360° Shielded RJ45 Jack
- Colour coding allows 568A/B wiring
- Patented IDC V-Shaped contacts that flex not fatigue when terminated
- Patented Spring-Loaded Shutter
- RJ-11 compatible
- Accepts colour coded port identification labels
- RoHS Compliant



Order No.	SAP No.	Description
KSJ-00035-02	Consult Molex	PowerCat 6 DataGate Jack RJ45 568A/B Shielded - White Shutter
KSJ-00035-04	Consult Molex	PowerCat 6 DataGate Jack RJ45 568A/B Shielded - Black Shutter
CSP-00021-*	Consult Molex	Blank Icons 60Pcs/Bg

Insert color code in place of * in part number when ordering Blank Icons:

10 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple

Copper Solutions

PowerCat™ 6 UTP



PowerCat 6 Euromod™ II Module

The Euromod modular system provides a flexible and versatile method of installation, allowing the user the choice of installing as many data outlets as required. The modules are fully assembled units featuring the Molex shuttered DataGate™ connector in a 25 x 50mm fascia. Individual ports can also be colour coded for site-specific network administration using connector icon labels.

- Shuttered RJ45 DataGate connector
- 25 x 50mm fascia
- Individual port colour coding option



Order No.	SAP No.	Description
MEU-00056-02	0181730016	PowerCat 6 Euromod II Module RJ45 568A/B UTP - White
MEU-00056-04	0181730017	PowerCat 6 Euromod II Module RJ45 568A/B UTP - Black
17-0412-02	0180060060	Euromod Quarter (12.5 x 50mm) Blank - White
17-0413-02	0180060061	Euromod Half (25 x 50mm) Blank - White
17-0414-02	0180060062	Euromod Full (50 x 50mm) Blank - White



PowerCat 6 Angled MOD-SNAP™ III Module

The angled MOD-SNAP III Module is ideal for floor box applications. The product is a fully assembled unit featuring the shuttered DataGate™ connector. The angled design reduces patch cord bend radius particularly in shallow floor box installations. The angled MOD-SNAP Module can also be used in the MOD-SNAP range of wallplates.

- Shuttered RJ45 DataGate connector
- Protected labelling facility
- Floor box and wallplate compatible
- 38.5 x 25mm fascia (BT6C size)



Order No.	SAP No.	Description
MMS-00013-**-02	0181780003	PowerCat 6 Angled MOD-SNAP III Module RJ45 568A/B UTP
MMS-00014-**-02	Consult Molex	MOD-SNAP Module Blank

** Colour Options - 02 = White 04 = Black



PowerCat 6 Contura™ Module

The Contura product family is designed to combine aesthetics with functionality. The PowerCat 6 Contura module is a fully assembled unit featuring the shuttered DataGate connector. The angled design of the module reduces patch cord bend radius and features a protected labelling facility. Individual ports may be colour coded for site-specific network administration by fitting connector icon labels.

- Contemporary design
- Shuttered RJ45 DataGate Module
- Protected labelling facility
- Module and Blank 22 x 50mm



Order No.	SAP No.	Description
MGB-00001-02	0181770082	PowerCat 6 Angled Contura Module RJ45 568A/B UTP - White
MGB-00002-02	0181770216	Contura Module Blank - White

Copper Solutions

PowerCat™ 5e UTP



PowerCat 5e UTP Cable

- Supports ultra high speed data networks such as Gigabit Ethernet (1000 Base-T)
- 4 pair PVC Cable
- Colour coded pairs for ease of termination
- Available in 305m pull boxes
- Available in blue and grey sheaths for application versatility
- UL listed
- RoHS Compliant

Order No.	SAP No.	Description
CAA-00009	0181700003	PowerCat 4 Pair Cable, CM Rated, 305m Pull Box - Blue
CAA-00102	0182080045	PowerCat 4 Pair Cable, CM Rated, 305m Pull Box - Grey
CAA-00166	181700095	PowerCat 4 Pair Cable LSZH 305m Pull Box - Violet

Standard Stocked Colour - Blue. All colours and lengths may be subject to availability and variable pricing.



PowerCat UTP Patch Cords

Molex PowerCat 5e U/UTP Patch Cords are key components of PowerCat 5e U/UTP End-to-End Solution. PowerCat Patch Cords were designed to support data networks for 10/100BASE-T and 1000BASE-T applications. The patch cable is made from high quality 4 pair 24 AWG stranded copper wire. Available in a range of colours and lengths, PowerCat 5e patch cords are pre-terminated with RJ45 plugs and feature anti-slug slim strain relief slip on boots.

- 4 pair 24 AWG stranded wire
- Pre-terminated with WE8W plugs
- Slim clear anti-slug slip on boots
- Suitable for EIA 568A or 568B wiring applications
- LS0H sheath
- RoHS Compliant

Order No.	SAP No.	Description
PCD-01000-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 0.5m
PCD-01001-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 1m
PCD-01002-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 1.5m
PCD-01003-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 2m
PCD-01005-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 3m
PCD-01009-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 5m
PCD-01013-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 7m
PCD-01019-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 10m

** Colour Options - 0C=Red, 0E=Grey, 0H=Blue, 0J=Green, 0K=Yellow, 0W=White, 0P=Purple, 0N=Orange, BK=Black
All colours and lengths may be subject to availability and variable pricing.



PowerCat Unloaded DataGate Adapter Plate

The Unloaded Adapter Plate 3 x DataGate Jacks is designed for applications where fibre and copper are required in a single panel. The Adapter Plate is designed to accept the DataGate UTP Jack and snap fits into the Multi-Functional or Specification Grade Fibre Optic Panels. The Adapter Plate can also be combined with Fibre Optic 6 Fibre Adapter Plates for multi-media applications.

- Accommodates 3 x DataGate Jacks
- For use within Molex Multi-Functional or Specification Grade Fibre Panels
- Allows multi-media flexibility within a single enclosure/panel



1U Multi-Function Enclosure Gen II
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Order No.	SAP No.	Description
AFR-00440	Consult Molex	Adapter Plate 3x PowerCat DataGate unloaded

Copper Solutions

PowerCat™ 5e UTP



PowerCat Unloaded DataGate Panels

The Molex PowerCat Unloaded DataGate Patch Panels can be configured to provide the exact number of modular ports required. DataGate Category 5e UTP, Category 6 UTP, or Category 6A shielded jacks can be terminated to cable and then snapped into this DataGate patch panel. The patch panel and rear cable manager are constructed of cold-rolled steel for strength and durability.

- Available in 1U 24P Flat, 1U 24P Angled, 2U 48P Flat, 2U 48P Angled
- Easy snap in DataGate UTP or Shielded Jacks (sold separately)
- Modularity provides installation flexibility
- Front portable labelling
- Individually removable patch panel ports
- Removable cable management shelf ensures bend radius compliance
- ANSI and metric hardware kit included
- Grounding screws included

Order No.	SAP No.	Description
PID-00258	180810031	PowerCat 5e 24 Port DataGate Patch Panel, Unloaded UTP or Shielded - 1U
PID-00259	180810032	PowerCat 5e 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U
PID-00260	180810033	PowerCat 5e 48 Port DataGate Patch Panel, Unloaded UTP or Shielded - 2U
PID-00261	180810034	PowerCat 5e 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U
KSJ-00005-0*	Consult Molex	Single Position Blank Module (Bag of 25)

* Colour Options - 2 = White, 4 = Black



PowerCat DataGate™ Patch Panel

PowerCat Category 5e DataGate Panels feature the shuttered DataGate connector. These panels come with integral rear cable management trays and are available in 24 and 48 port versions. Individual ports can be colour coded using an icon for site-specific network administration.

- 19" Shuttered DataGate Category 5e Panel
- EIA 568A/B colour coded
- Integral cable management tray
- Graphite grey finish

Order No.	SAP No.	Description
PID-00174	182080372	PowerCat 5e 24 Port DataGate Patch Panel RJ45 568A/B UTP - 1U
PID-00175	0182080374	PowerCat 5e 48 Port DataGate Patch Panel RJ45 568A/B UTP - 2U
Accessories		
CSP-00021-**	Consult Molex	Blank Connector Icon Labels 6-Pack (Bag of 10)
CSP-00022-**	Consult Molex	Data Connector Icon Labels 6-Pack (Bag of 10)
CSP-00023-**	Consult Molex	Voice Connector Icon Labels 6-Pack (Bag of 10)

** Colour Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple



PowerCat Angled Patch Panels

Angled Patch Panels are ideal for installations of high density or which utilise extensive side and end-of-the-rack cable management. The angled feature provides enhanced port access and minimises patch cord bend radius to the rack. Each port features a patented spring-loaded shutter and can be colour coded to match jack outlets and provides both front and rear labelling options.

- Angled design
- Shuttered DataGate RJ45
- 24 Ports 1U & 48 Port 2U
- Category 5e performance
- EIA 568A/B wired
- Standard 19" rack mount
- Individually removable patch panel ports
- Integral cable management tray

Order No.	SAP No.	Description
PID-00154	0182020245	PowerCat 5e 24 Port Angled Patch Panel RJ45 568A/B UTP - 1U
PID-00155	0182080295	PowerCat 5e 48 Port Angled Patch Panel RJ45 568A/B UTP - 2U
Accessories		
CSP-00021-**	Consult Molex	Blank Connector Icon Labels 6-Pack (Bag of 10)
CSP-00022-**	Consult Molex	Data Connector Icon Labels 6-Pack (Bag of 10)
CSP-00023-**	Consult Molex	Voice Connector Icon Labels 6-Pack (Bag of 10)

** Colour Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple

Copper Solutions

PowerCat™ 5e UTP



Keystone Patch Panel

The Molex 24 Port Modular Keystone Jack patch panel is a flexible patching solution for small to medium size installations. The panel is shipped unloaded and can be configured to provide the exact number of ports required. The Keystone Jacks snap in easily and can be removed if required.

The patch panel features an integral rear cable management tray for ease of installation and cable dressing. Port identification can be provided by utilising the silk screened areas shown on the front of the panel.

- Available in 24 Ports 1U
- Modularity provides installation flexibility
- Easy snap in Keystone Jacks
- Rear cable management included
- Graphite grey finish
- Accepts UTP Keystone Jacks only

Order No.	SAP No.	Description
PID-00257	0180810023	24 Port Keystone Patch Panel - Unloaded - 1U
KSJ-00064-**	Consult Molex	Keystone Blank

* **Standard Stocked Colours - 02 = White, 04 = Black.



PowerCat UTP High Density Patch Panels

Molex's PowerCat High Density Patch Panels are ideal for ISP applications or installations where cabinet/rack space is at a premium. Providing 32 or 48 ports in 1U, these patch panels offer an integral rear cable management tray specifically designed for neat and easy cable dressing. The front of the panel has a protected labelling facility for clear port labelling. Suitable for high speed data transmission, High Density panels utilise Molex's KATT IDC technology.

- 32 Ports 1U
- 48 Ports 1U
- EIA 568B wired
- Built-in cable management for proper cable dressing
- Standard 19" rack mounted
- Supplied with all mounting fixings
- RoHS Compliant

Order No.	SAP No.	Description
PID-00073	0181820012	PowerCat 5e 48 Port High Density Patch Panel RJ45 56B UTP Category 5e 1U
PID-00074	0181820013	PowerCat 5e 32 Port High Density Patch Panel, 1U, 568B

Copper Solutions

PowerCat™ 5e UTP



PowerCat DataGate™ Jacks

The DataGate jack is designed to maintain clean secure connections. The RJ45 jack features a patented 'spring-loaded shutter' which protects it from dust and contaminants as well as providing tactile feedback - the spring-loaded shutter pops out an improperly seated patch cord - all with single-handed plug-in and removal. Available in eleven colours the DataGate jack utilise patented IDC V-shaped contacts that flex not fatigue when terminated and provides moulded category identification on jack face as well as optional port identification icons.

- 'Spring-Loaded' gate that prevents incomplete mating
- IDC contacts that flex not fatigue when terminated
- Pointed IDC towers to speed termination and enhance cable retention
- 568A/B wiring configuration
- Allows rear and side entry cable termination
- RoHS Compliant
- Designed for use with Molex's Synergy, Streamline & USO II system of wallplates and surface blocks
- Designed for use with Molex's Media Configurable Patch Panels



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4 Pair Termination Tool Page 108

Order No.	SAP No.	Description
KSJ-00024-**	Consult Molex	PowerCat 5e DataGate Jack, 568A/B - Shuttered
KSJ-00025-**	Consult Molex	PowerCat 5e DataGate Jack, 568A/B - Unshuttered

** Colour Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple. Standard Stocked Colours - Black and White. All colours may be subject to availability and variable pricing.



Keystone Jack

Utilising patented IDC V-shaped contacts that flex not fatigue when terminated, the RJ45 Keystone Jack is compatible with any product that accepts the standard keystone profile.

- Dual Colour coding allows 568A/B wiring
- Patented IDC V-Shaped contacts that flex not fatigue when terminated
- Features pointed IDC towers to speed termination and enhance cable retention
- RJ11 & RJ12 compatible
- Moulded category identification on jack face



Keystone Jack wallplate Page 98

Order No.	SAP No.	Description
KSJ-00032-**	Consult Molex	Keystone Jack, Category 5e, 8W, 568A/B

** Colour Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple. Standard Stocked Colour - White. All colours may be subject to availability and variable pricing.

PowerCat UTP MOD-SNAP™ Modules

The PowerCat MOD-SNAP modular system provides a flexible and versatile method of installation, allowing the user the choice of installing as many data outlets as required. Providing a fascia size of 38.5 x 25mm (BT6C) MOD-SNAP modules are ideal for floorbox applications.

The Molex Category 5e RJLP RJ45 connector offers a low profile, space saving design that enables easy installation in shallow backboxes and trunking.

- Fascia size 38.5 x 25mm (BT6C)
- Cut out dimension 37.5 x 22mm
- Category 5e RJ45 RJLP connector
- Space saving low profile design enables installation in shallow backboxes and trunking
- Spring-loaded shutter
- Protected labelling facility
- Compatible with MOD-SNAP wallplates
- Ideal for floorbox applications



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Order No.	SAP No.	Description
42.1B.011.A003*	0182080061	PowerCat 5e MOD-SNAP RJLP Module RJ45 568B UTP - White
MMS-00014-0*	181170009	MOD-SNAP Module Blank - White

** Colour Options - 2 = White 4 = Black

Copper Solutions

PowerCat™ 5e UTP



PowerCat UTP Euromod™ Modules

The PowerCat Euromod module is part of the Euromod range of modular wall outlets featuring a 25 x 50mm fascia size. The product comes complete with a Category 5e, RJ45 RJLP connector.

- 25 x 50mm fascia
- Enhanced performance RJ45 RJLP connector
- Space saving low profile design enables installation in shallow backboxes and trunking
- Spring-loaded shutter
- Protected labelling facility
- Compatible with Euromod wallplates



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Enclosures
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Enclosures
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Order No.	SAP No.	Description
17.1B.011.A0042	0182080033	PowerCat 5e Euromod RJLP Module RJ45 568B UTP - White
MEU-00019-02	0182080034	PowerCat 5e Angled Euromod RJLP Module RJ45 568B UTP - White
17-0412-02	0180060060	Euromod Quarter (12.5 x 50mm) Blank - White
17-0413-02	0180060061	Euromod Half (25 x 50mm) Blank - White
17-0414-02	0180060062	Euromod Full (50 x 50mm) Blank - White

Fixed Wallplates

Fixed wallplates are ideal for space-limited areas such as power-poles and desk-top trunking, or areas where an unchanging number of ports are to be installed and modularity is not required.

The wallplates are a complete assembly and include the patented RJLP RJ45 connector, offering a low profile, space saving design that enables installation in shallow backboxes and trunking.

- UK standard 86 x 86mm fascia
- Category 5e RJ45 RJLP connector
- Spring-loaded shutters
- 1, 2 and 4 port options available
- EIA 568B wired



Order No.	SAP No.	Description
WNC-00007-02	0182080074	PowerCat 5e 1 Port Fixed Shuttered Wallplate RJ45 568B UTP - White
WNC-00008-02	0182080046	PowerCat 5e 2 Port Fixed Shuttered Wallplate RJ45 568B UTP - White
WNC-00009-02	0182080127	PowerCat 5e 4 Port Fixed Shuttered Wallplate RJ45 568B UTP - White



Connecting Data >
Connecting Users
Delivering Inspiration

molex[®]

Transforming global business **Simply Solved** >



Pre plan your cable network within a building or campus environment, for the transmission of both voice and data. The Molex PDS solution has been designed to allow for flexibility and growth, while allowing for moves and reconfigurations.



PDS Solutions UTP



Category 6

The Category 6 Premise Distribution System (PDS) incorporates a unique pair separation design on the 4 Pair connector. This unique design feature enables 96 pairs to a base, making it one of the highest density Category 6 pair management blocks on the market.



The Molex Category 6 PDS system is independently tested and verified by ETL Semko to ensure compliance to channel and component performance criteria according to international standards.



Category 5e

The 110 IDC is a defacto standard used by many cabling vendors, and is broadly used in voice, data and building services cabling systems. The Molex 110 system is fully compatible with all other 110 style systems enabling deployment into existing systems for expansion or refurbishment programs.

PDS Solutions

Category 6



Category 6 4 Pair IDC Connectors

The 4 Pair IDC block is a high-performance connector capable of providing high-speed data transmission. The design utilises split-pair technology to provide Category 6 performance.

- High performance IDC
- Independently tested
- Gas tight termination

Order No.	SAP No.	Description
KPD-00088	0181980071	4 Pair IDC Connectors (Each) C6



Category 6 PDS 96 Pair Termination Block Kits

The 96 Pair Termination Block Base is the key component of the C6 PDS system and has the same footprint as the Category 5e 100 Pair Termination Block Base. Category 6 performance is guaranteed by the unique pair separation (for the reduction of cross-talk) designed into the base. Manufactured from flame retardant thermoplastic, the termination block base features cut-outs for easy cable routing and is available with or without legs. Supplied with label cards and label holders and 24 4 Pair IDC connectors.

- Industry standard wall mount format
- Available with or without mounting legs
- Supplied with label cards and holders
- Features cut-outs for cable routing
- Available as a kit with IDC connectors or as stand alone bases

Order No.	SAP No.	Description
KPD-00078	0181980088	96 Pair Base Without Legs (24 Category 6 4 Pair IDC Connectors) C6
KPD-00079	0181980068	96 Pair Base With Legs (24 Category 6 4 Pair IDC Connectors) C6
KPD-00089	0181980072	96 Pair Base Without Legs (No Connectors) C6
KPD-00090	0181980073	96 Pair Base With Legs (No Connectors) C6



Category 6 19" PDS Rack Mount Panels

Combining all the advantages of a block-based system with frame mounted active equipment, the Category 6 19" Rack Mount PDS is available as a 3U 192 pair system with 1U cable management rings or as a 4U 192 pair system with 2U cable management rings.

- 19" Rack Mount format
- 192 pair 3U or 4U
- 3U - Single shallow management rings
- 4U - Double shallow management rings
- Supplied with label cards and holders
- Features cut-outs for cable routing

Order No.	SAP No.	Description
KPD-00080	181980085	192 Pair Rack Mount Panel (48 Category 6 4 Pair IDC Connectors) C6 - 3U
KPD-00081	Consult Molex	192 Pair Rack Mount Panel (48 Category 6 4 Pair IDC Connectors) C6 - 4U
Accessories		
36.B0160	180410008	Purple Designation Labels - Bag of 100
36.B0170	180410009	Grey Designation Labels - Bag of 100
36.B0180	180410010	Blue Designation Labels - Bag of 100
36.B0190	180410011	Brown Designation Labels - Bag of 100

PDS Solutions Category 6

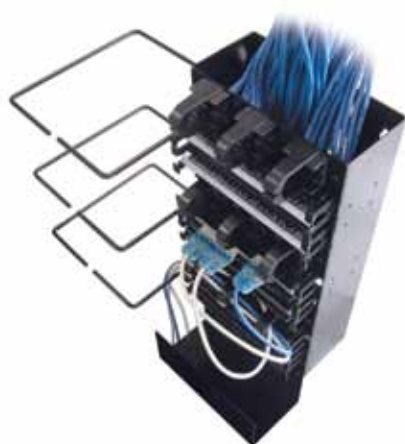


Category 6 PDS Patch Cords

Category 6 PDS Patch Cords are available as 4 Pair to 4 Pair assemblies or 4 Pair to RJ45 variants. The Category 6 PDS Patch Cord is polarised to prevent accidental reversal of the cord. A moulded-in arrow on the top of the connector provides a visual indication of the correct orientation. Integral strain relief holds the cable in place during lacing and provides proper cable retention for the terminated Category 6 PDS connector.

- 4 Pair - 4 Pair & 4 Pair - RJ45 variations available
- Circuits can be easily changed by untrained personnel without using a punch down tool
- Available in 1, 2, 3 and 5m lengths

Order No.	SAP No.	Description
KPC-00161-0E	Consult Molex	4 Pair - 4 Pair, Category 6 PDS Patch Cord - 1m
KPC-00162-0E	Consult Molex	4 Pair - 4 Pair, Category 6 PDS Patch Cord - 2m
KPC-00163-0E	Consult Molex	4 Pair - 4 Pair, Category 6 PDS Patch Cord - 3m
KPC-00165-0E	Consult Molex	4 Pair - 4 Pair, Category 6 PDS Patch Cord - 5m
KPC-00171-0E	Consult Molex	4 Pair - RJ45, Category 6 PDS Patch Cord - 1m
KPC-00172-0E	Consult Molex	4 Pair - RJ45, Category 6 PDS Patch Cord - 2m
KPC-00173-0E	Consult Molex	4 Pair - RJ45, Category 6 PDS Patch Cord - 3m
KPC-00175-0E	Consult Molex	4 Pair - RJ45, Category 6 PDS Patch Cord - 5m
KPC-00181-0E	Consult Molex	1 Pair - 1 Pair PDS Patch Cord - 1m
KPC-00182-0E	Consult Molex	1 Pair - 1 Pair PDS Patch Cord - 2m
KPC-00183-0E	Consult Molex	1 Pair - 1 Pair PDS Patch Cord - 3m
KPC-00184-0E	Consult Molex	2 Pair - 2 Pair PDS Patch Cord - 1m
KPC-00185-0E	Consult Molex	2 Pair - 2 Pair PDS Patch Cord - 2m
KPC-00186-0E	Consult Molex	2 Pair - 2 Pair PDS Patch Cord - 3m



Category 6 PDS Wall Mount Frame & Accessory Kits

The Molex Category 6 PDS Wall Mount Frame system is available in 288 and 864 pair versions that accommodate 96 pair bases, horizontal and vertical cable management rings, plus drip trays to keep excess cable lengths safely off the floor.

The Wall Mount Frame and Accessories can be purchased as individual components or in convenient kit form- unloaded, or loaded with Molex's Category 6 compliant IDC connectors.

- Available in 288 pair or 864 pair sizes
- Available in kit form with Category 6 IDC connectors and cable management, or as individual items
- Available with deep or shallow cable management rings for high and low density patching applications
- RoHS Compliant

Order No.	SAP No.	Description
KPD-00082	Consult Molex	288 Pair Wall Mount, Shallow, 4 Pair IDC Connectors
KPD-00083	Consult Molex	288 Pair Wall Mount, Deep, 4 Pair IDC Connectors
KPD-00084	Consult Molex	864 Pair Wall Mount, Shallow, 4 Pair IDC Connectors
KPD-00085	Consult Molex	864 Pair Wall Mount, Deep, 4 Pair IDC Connectors
36.C0284	0180410043	288 Pair Wall Mount Frame Vertical Ring Run Kit
36.C0294	0180410048	864 Pair Wall Mount Frame Vertical Ring Run Kit



Multi-Pair Category 6 PDS IDC Connector Termination Tool

The multi-pair termination tool is designed to terminate the Molex Category 6 4 Pair IDC connector providing a gas tight, reliable, high impact termination.

The uniquely designed Molex Category 6 IDC connector can only be terminated with the specifically designed Molex multi-pair termination tool.

For terminating individual pairs, a standard 110 style termination tool can be used.

- For use solely with Molex Category 6 PDS 4 Pair IDC Connector
- Provides gas tight, reliable, high impact termination
- Tool head compatible with standard 110 handle

Order No.	SAP No.	Description
KPD-00087	0181980070	Category 6 110 Style Multi-Pair Termination Tool with Head and Handle
KPD-00086	0181980069	Category 6 Multi-Pair IDC Connector Termination Tool Head

PDS Solutions Category 5e



110 PDS Termination Block Kits

The 100 Pair Blocks are the key component in wall mount 110 Premise Distribution System (PDS). The solidly constructed unit has the unique 110 connector which allows punchdown with most standard tools and has several convenient features. These include wiring strips that are marked to quickly identify 5 pair groups when lacing 25 pair backbone cable and designation strips marked for 1, 2, 4 and 5 pair connectors that are available in colours to easily identify specific sections of the PDS installation.

- Industry standard wall mount format
- Features cut outs for cable routing for easier installation and enables cable sheathing to be maintained down to 25mm
- Available as a kit with IDC connectors or as a stand alone base
- Supplied with label cards and holders
- RoHS compliant

Order No.	SAP No.	Description
KPD-00045	0181980031	100 Pair Block with legs (24 x C4 connectors)
KPD-00046	0181980032	100 Pair Block with legs (20 x C5 connectors)
KPD-00047	0181980033	300 Pair Block with legs (72 x C4 connectors)
KPD-00048	0181980034	300 Pair Block with legs (60 x C5 connectors)



110 PDS Rack Mount Panels

This cross connect system combines the advantages of a block-based system with frame mounted active equipment. This block-based format affords individual cable pair management not possible with an RJ patching field: the installer has the advantage of defining cross connections as either 1, 2, 4 or 5 pair at the installation stage rather than at the initial design stage.

- Standard 19" rack mount
- C5e performance
- 200 pair capacity
- Supplied with label cards and holders
- 3U - small cable management rings for low density applications
- 4U - large cable management rings for high density applications
- Available as a kit with IDC connectors or as a stand alone base
- RoHS compliant

Order No.	SAP No.	Description
36.B040G	0180410015	200 Pair PDS Panel 3U (no connectors)
KPD-00060	0181980043	200 Pair 3U PDS Panel (48 x 110 C4 connectors)
KPD-00061	0181980044	200 Pair 3U PDS Panel (40 x 110 C5 connectors)
36.B022G	0180410012	200 Pair 4U PDS Panel (no connectors)
KPD-00062	0181980045	200 Pair 4U PDS Panel (48 x 110 C4 connectors)
KPD-00063	0181980046	200 Pair 4U PDS Panel (40 x 110 C5 connectors)



110 Style Connector

Molex's 110 Style Connector is a high-performance IDC capable of providing all your voice and data interconnect needs. It has been independently tested to EIA/TIA standards to assure a gas-tight, Category 5e connection.

The Molex 110 style connector is fully compatible with other 110 style components, including; 110 style bases, tools, patch cords and test heads.

- Available in 4 pair (8 pos) and 5 pair (10 pos) versions
- Category 5e performance
- IDC contact accepts one conductor only
- RoHS compliant

Order No.	SAP No.	Description
KPD-00058	0181980022	110-C4 Connectors (Bag of 100)
KPD-00059	0181980023	110-C5 Connectors (Bag of 100)

PDS Solutions Category 5e



110 PDS Patch Cords

110 PDS Category 5e patch cords complete the system and are available in 1, 2 and 4 pair pre-terminated versions for easy pair administration. 110 PDS patch cords are polarised to prevent accidental reversal.

- Category 5e performance
- 1, 2 and 4 pair

Order No.	SAP No.	Description
KPC-00105-0E	0180420096	4 Pair - 4 Pair, Category 5e, 1m
KPC-00106-0E	0182080139	4 Pair - 4 Pair, Category 5e, 2m
KPC-00107-0E	0180420097	4 Pair - 4 Pair, Category 5e, 3m
KPC-00108-0E	0180420098	4 Pair - 4 Pair, Category 5e, 5m
KPC-00109-0E	0180440006	2 Pair - 2 Pair, Category 5e, 1m
KPC-00110-0E	0180440007	2 Pair - 2 Pair, Category 5e, 2m
KPC-00111-0E	0180440008	2 Pair - 2 Pair, Category 5e, 3m
KPC-00113-0E	0181480004	1 Pair - 1 Pair, Category 5e, 1m
KPC-00114-0E	0181480005	1 Pair - 1 Pair, Category 5e, 2m
KPC-00115-0E	0181480006	1 Pair - 1 Pair, Category 5e, 3m
KPC-00117-0E	0180820007	4 Pair - RJ45, Category 5e, 568A, 1m
KPC-00118-0E	0182080246	4 Pair - RJ45, Category 5e, 568A, 2m
KPC-00119-0E	0180820008	4 Pair - RJ45, Category 5e, 568A, 3m
KPC-00120-0E	0180820009	4 Pair - RJ45, Category 5e, 568A, 5m



110 PDS Wall Mount Frame & Accessory Kits

Available in 300 and 900 pair versions the 110 Frame provides a complete communications facility. The Frame accommodates 100 pair bases, horizontal and vertical cable management rings, and drip trays. Its design allows ample space behind the unit for incoming cable. The Wall Mount Frame, Drip Trays, and Ring Run Panels are constructed of rugged, black powder coated steel.

- Available in 300 pair or 900 pair sizes
- Available in kit form with IDC connectors and cable management, or as individual items
- Available with deep or shallow cable management rings for high and low density patching applications
- RoHS Compliant

The 110 PDS Wall Mount Frame and Accessories can be purchased as individual components or in convenient kit form-unloaded, or loaded with Molex's Category 5e compliant 110 connectors. Kits are packaged to suit all application requirements according to system density.

Order No.	SAP No.	Description
36.C0054	0180410044	PDS Wall Mount Frame, 300 pair - Unloaded
36.C0064	0180410045	PDS Wall Mount Frame, 900 pair - Unloaded
36.C0074	0180410035	PDS Wall Mount Frame Vertical Drip Tray
36.C0084	0180410036	PDS Wall Mount Frame Drip Tray
36.C0094	0180410037	PDS Wall Mount Frame Shallow Ring Run
36.C0104	0180410038	PDS Wall Mount Frame Deep Ring Run
36.C0114	0180410034	PDS Wall Mount Frame Vertical Ring Run
Accessories		
36.C0204	Consult Molex	PDS 300 Pair Wall Mount Frame Kit, Shallow - Unloaded
36.C0214	Consult Molex	PDS 300 Pair Wall Mount Frame Kit, Deep - Unloaded
KPD-00066	0181980024	PDS 300 Pair Wall Mount Frame Kit, Shallow (with C4 & C5 connectors)
KPD-00067	0181980082	PDS 300 Pair Wall Mount Frame Kit, Deep (with C4 & C5 connectors)
36.C0244	Consult Molex	PDS 900 Pair Wall Mount Frame Kit, Shallow - Unloaded
36.C0254	Consult Molex	PDS 900 Pair Wall Mount Frame Kit, Deep - Unloaded
KPD-00068	181980083	PDS 900 Pair Wall Mount Frame Kit, Shallow (with C4 & C5 connectors)
KPD-00069	181980084	PDS 900 Pair Wall Mount Frame Kit, Deep (with C4 & C5 connectors)

Tomorrow's innovations **Simply Solved** >



Fibre has been an integral medium for structured cabling systems for many years. Used traditionally in the backbone – fibre is now becoming more prevalent in high speed networks by virtue of its bandwidth capabilities, size and the security it offers over and above copper media.



Fibre Optic Solutions

Product offering

Molex manufactures some of the most comprehensive fibre systems in the structured cabling market, incorporating a variety of connector technologies, such as; ST®, Duplex SC and LC. Molex offers total fibre solutions, ideal for either Backbone or To-The-Desk applications.

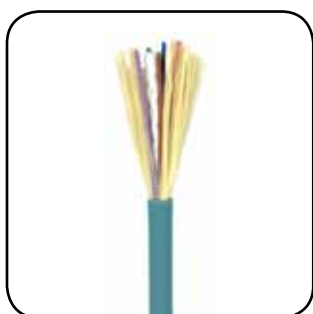
The Molex Fibre product range consists of Management Panels, Enclosures, Adapter Plates, Connectors, Modules, Cable, Pre-Terminated Solutions, Adapters, Patch Cords, Splicing Equipment, Field Termination Connectors, Tool Kits and Testers.

Patch Cords

Molex's advanced manufacturing process provides exceptional performance in patch cord assemblies. Molex maintains strict control over the ferrule endface surface. With the aid of an interferometer, the ferrule endface geometry is measured for radius, concentricity and apex offset, ensuring high performance and long-term reliability of all terminations.

Adapters & Connectors

Molex manufactures a full line of high performance fibre adapters and connectors. Designed with the latest engineering polymer and ceramic materials, all fibre adapters and connectors have been tested to and meet all the rigorous Telecommunication, CATV and Data communication industry standards.



Fibre Optic Solution Lightband™ Cable



Fibre Cable - Indoor Tight Buffered Riser LS0H Jacket

- LS0H Sheath
- OFNR riser rated
- 900µm tight buffered
- Internal/duct grade
- Aramid yarn strength member

- E glass yarn
- Available in 50/125µm and 62.5/125µm MM and 9/125µm SM fibre versions
- Fibres compliant to ISO/IEC 11801 fibre specifications
- Other core counts available upon request

OM1	SAP No.	OM2	SAP No.	Description
AFOIZ004OM1	Consult Molex	AFOIZ004OM2	Consult Molex	4 Core Indoor LS0H Fibre Cable
AFOIZ006OM1	Consult Molex	AFOIZ006OM2	Consult Molex	6 Core Indoor LS0H Fibre Cable
AFOIZ008OM1	Consult Molex	AFOIZ008OM2	Consult Molex	8 Core Indoor LS0H Fibre Cable
AFOIZ012OM1	180580326	AFOIZ012OM2	Consult Molex	12 Core Indoor LS0H Fibre Cable
AFOIZ024OM1	0180580327	AFOIZ024OM2	Consult Molex	24 Core Indoor LS0H Fibre Cable

OM3	SAP No.	OM4	SAP No.	Description
AFOIZ004OM3	Consult Molex	AFOIZ004OM4	180570218	4 Core Indoor LS0H Fibre Cable
AFOIZ006OM3	180580312	AFOIZ006OM4	180570219	6 Core Indoor LS0H Fibre Cable
AFOIZ008OM3	0180580333	AFOIZ008OM4	180570220	8 Core Indoor LS0H Fibre Cable
AFOIZ012OM3	Consult Molex	AFOIZ012OM4	180570221	12 Core Indoor LS0H Fibre Cable
AFOIZ024OM3	Consult Molex	AFOIZ024OM4	180570222	24 Core Indoor LS0H Fibre Cable

OS2	SAP No.	Description
AFOIZ004OS2	Consult Molex	4 Core Indoor LS0H Fibre Cable
AFOIZ006OS2	Consult Molex	6 Core Indoor LS0H Fibre Cable
AFOIZ008OS2	Consult Molex	8 Core Indoor LS0H Fibre Cable
AFOIZ012OS2	Consult Molex	12 Core Indoor LS0H Fibre Cable
AFOIZ024OS2	Consult Molex	24 Core Indoor LS0H Fibre Cable

NOTE: Other Core Counts are available upon request



Outdoor Armoured Loose Tube Water Block Gel Filled Polyethylene Jacket

- Loose tube construction
- Armoured for harsh outdoor applications
- Multiple Loose tube construction surrounds the fibres in a protective gel, allowing for expansion and contraction of the cable without damage to the fibres

- Available in 50/125µm and 62.5/125µm MM and 9/125µm SM fibre versions
- Fibres compliant to ISO/IEC 11801 fibre specifications
- Double Sheath HDPE jacket

OM1	SAP No.	OM2	SAP No.	Description
AFOAJ004OM1	180570014	AFOAJ004OM2	180570015	4 Core Armoured Fibre Cable
AFOAJ006OM1	180570018	AFOAJ006OM2	180570019	6 Core Armoured Fibre Cable
AFOAJ008OM1	180580328	AFOAJ008OM2	180570060	8 Core Armoured Fibre Cable
AFOAJ012OM1	180570022	AFOAJ012OM2	180570023	12 Core Armoured Fibre Cable
AFOAJ024OM1	180570026	AFOAJ024OM2	180570027	24 Core Armoured Fibre Cable

OM3	SAP No.	OM4	SAP No.	Description
AFOAJ004OM3	180570016	AFOAJ004OM4	180570208	4 Core Armoured Fibre Cable
AFOAJ006OM3	180570020	AFOAJ006OM4	180570209	6 Core Armoured Fibre Cable
AFOAJ008OM3	180570238	AFOAJ008OM4	180570210	8 Core Armoured Fibre Cable
AFOAJ012OM3	180570024	AFOAJ012OM4	180570211	12 Core Armoured Fibre Cable
AFOAJ024OM3	180570028	AFOAJ024OM4	180570212	24 Core Armoured Fibre Cable

OS2	SAP No.	No. of Cores
AFOAJ004OS2	180570203	4 Core Armoured Fibre Cable
AFOAJ006OS2	180570204	6 Core Armoured Fibre Cable
AFOAJ008OS2	180570205	8 Core Armoured Fibre Cable
AFOAJ012OS2	180570206	12 Core Armoured Fibre Cable
AFOAJ024OS2	180570207	24 Core Armoured Fibre Cable

Fibre Optic Solution Lightband™ Cable



Outdoor Armoured Unitube Water Block Gel Filled Polyethylene Jacket

- Loose tube construction
- Steel tape armoured for outdoor direct burial application
- Single Loose tube construction surrounds the fibres in a protective gel, allowing for expansion and contraction of the cable without damage to the fibres

- Available in 50/125µm and 62.5/125µm MM and 9/125µm SM fibre versions
- Fibres compliant to ISO/IEC 11801 fibre specifications
- Single polyethylene jacket

OM1	SAP No.	OM2	SAP No.	Description
AFOUN004OM1	180570144	AFOUN004OM2	Consult Molex	4 Core Armoured Unitube Fibre Cable
AFOUN006OM1	180570145	AFOUN006OM2	180570117	6 Core Armoured Unitube Fibre Cable
AFOUN008OM1	180570162	AFOUN008OM2	Consult Molex	8 Core Armoured Unitube Fibre Cable
AFOUN012OM1	Consult Molex	AFOUN012OM2	180570158	12 Core Armoured Unitube Fibre Cable

OM3	SAP No.	OM2	SAP No.	Description
AFOUN004OM3	Consult Molex	AFOUN004OM4	Consult Molex-	4 Core Armoured Unitube Fibre Cable
AFOUN006OM3	180570154	AFOUN006OM4	Consult Molex	6 Core Armoured Unitube Fibre Cable
AFOUN008OM3	Consult Molex	AFOUN008OM4	Consult Molex-	8 Core Armoured Unitube Fibre Cable
AFOUN012OM3	180570143	AFOUN012OM4	Consult Molex	12 Core Armoured Unitube Fibre Cable

OS2	SAP No.	No. of Cores
AFOUN004OS2	Consult Molex-	4 Core Armoured Unitube Fibre Cable
AFOUN006OS2	Consult Molex	6 Core Armoured Unitube Fibre Cable
AFOUN008OS2	Consult Molex-	8 Core Armoured Unitube Fibre Cable
AFOUN012OS2	Consult Molex	12 Core Armoured Unitube Fibre Cable



Fibre Cable - Outdoor Armoured Loose Tube Water Block Gel Filled Nylon Jacket

- Loose tube construction
- Armoured for harsh outdoor applications
- Loose tube construction surrounds the fibres in a protective gel, allowing for expansion and contraction of the cable without damage to the fibres

- Available in 50/125µm and 62.5/125µm MM and 9/125µm SM fibre versions
- Fibres compliant to ISO/IEC 11801 fibre specifications
- Nylon jacket

OM1	SAP No.	OM2	SAP No.	Description
ZFOAH004OM1	Consult Molex	ZFOAH004OM2	Consult Molex	4 Core Armoured Fibre Cable
ZFOAH006OM1	Consult Molex	ZFOAH006OM2	Consult Molex	6 Core Armoured Fibre Cable
ZFOAH008OM1	Consult Molex	ZFOAH008OM2	Consult Molex	8 Core Armoured Fibre Cable
ZFOAH012OM1	Consult Molex	ZFOAH012OM2	Consult Molex	12 Core Armoured Fibre Cable
ZFOAH024OM1	Consult Molex	ZFOAH024OM2	Consult Molex	24 Core Armoured Fibre Cable

OM3	SAP No.	OM4	SAP No.	Description
ZFOAH004OM3	Consult Molex	ZFOAH004OM4	180570198	4 Core Armoured Fibre Cable
ZFOAH006OM3	Consult Molex	ZFOAH006OM4	180570199	6 Core Armoured Fibre Cable
ZFOAH008OM3	Consult Molex	ZFOAH008OM4	180570200	8 Core Armoured Fibre Cable
ZFOAH012OM3	Consult Molex	ZFOAH012OM4	180570201	12 Core Armoured Fibre Cable
ZFOAH024OM3	Consult Molex	ZFOAH024OM4	180570202	24 Core Armoured Fibre Cable

OS2	SAP No.	Description
ZFOAH004OS2	180570193	4 Core Armoured Fibre Cable
ZFOAH006OS2	180570194	6 Core Armoured Fibre Cable
ZFOAH008OS2	180570195	8 Core Armoured Fibre Cable
ZFOAH012OS2	180570196	12 Core Armoured Fibre Cable
ZFOAH024OS2	180570197	24 Core Armoured Fibre Cable

NOTE: Other Core Counts are available upon request

Fibre Optic Solution Lightband™ Cable



Fibre Cable-Outdoor Armoured Loose Tube Water Block Gel Filled LSZH Jacket

- Loose tube construction
- Armoured for harsh outdoor applications
- Multiple Loose tube construction surrounds the fibres in a protective gel, allowing for expansion and contraction of the cable without damage to the fibres

- Available in 50/125µm and 62.5/125µm MM and 9/125µm SM fibre versions
- Fibres compliant to ISO/IEC 11801 fibre specifications
- LSZH jacket

OM1	SAP No.	OM2	SAP No.	Description
ZFOAZ004OM1	Consult Molex	ZFOAZ004OM2	Consult Molex	4 Core Armoured Fibre Cable
ZFOAZ006OM1	Consult Molex	ZFOAZ006OM2	Consult Molex	6 Core Armoured Fibre Cable
ZFOAZ008OM1	Consult Molex	ZFOAZ008OM2	Consult Molex	8 Core Armoured Fibre Cable
ZFOAZ012OM1	Consult Molex	ZFOAZ012OM2	Consult Molex	12 Core Armoured Fibre Cable
ZFOAZ024OM1	Consult Molex	ZFOAZ024OM2	Consult Molex	24 Core Armoured Fibre Cable

OM3	SAP No.	OM4	SAP No.	Description
ZFOAZ004OM3	Consult Molex	ZFOAZ004OM4	180570198	4 Core Armoured Fibre Cable
ZFOAZ006OM3	Consult Molex	ZFOAZ006OM4	180570199	6 Core Armoured Fibre Cable
ZFOAZ008OM3	Consult Molex	ZFOAZ008OM4	180570200	8 Core Armoured Fibre Cable
ZFOAZ012OM3	Consult Molex	ZFOAZ012OM4	180570201	12 Core Armoured Fibre Cable
ZFOAZ024OM3	Consult Molex	ZFOAZ024OM4	180570202	24 Core Armoured Fibre Cable

OS2	SAP No.	Description
ZFOAZ004OS2	180570193	4 Core Armoured Fibre Cable
ZFOAZ006OS2	180570194	6 Core Armoured Fibre Cable
ZFOAZ008OS2	180570195	8 Core Armoured Fibre Cable
ZFOAZ012OS2	180570196	12 Core Armoured Fibre Cable
ZFOAZ024OS2	180570197	24 Core Armoured Fibre Cable



Advanced Fiber Optic Building Cable

- Easy strip buffers enable fast, consistent stripping for termination
- Flexible, small diameter cable with high tensile strength for cable routing and installation
- No bonding required due to all-dielectric construction

- Available with OM3 Grade Laser Optimized 10 Gigabit Ethernet fiber

OM1	SAP No.	OM2	SAP No.	Description
AFOBR006OM1	Consult Molex	AFOBR006OM2	Consult Molex	6 Core Loose Tube Fibre Cable
ZFOLA006OM1	Consult Molex	ZFOLA006OM2	Consult Molex	6 Core Loose Tube Fibre Cable
ZFOLA008OM1	0180570115	ZFOLA008OM2	Consult Molex	8 Core Loose Tube Fibre Cable
ZFOLA012OM1	Consult Molex	ZFOLA012OM2	Consult Molex	12 Core Loose Tube Fibre Cable
ZFOLA024OM1	Consult Molex	ZFOLA024OM2	Consult Molex	24 Core Loose Tube Fibre Cable

OM3	SAP No.	OM4	SAP No.	Description
ZFOLA004OM3	Consult Molex	ZFOLA004OM4	180570178	4 Core Loose Tube Fibre Cable
ZFOLA006OM3	Consult Molex	ZFOLA006OM4	180570179	6 Core Loose Tube Fibre Cable
ZFOLA008OM3	Consult Molex	ZFOLA008OM4	180570180	8 Core Loose Tube Fibre Cable
ZFOLA012OM3	Consult Molex	ZFOLA012OM4	180570181	12 Core Loose Tube Fibre Cable
ZFOLA024OM3	Consult Molex	ZFOLA024OM4	180570182	24 Core Loose Tube Fibre Cable

OS2	SAP No.	Description
ZFOLA004OS2	180570173	4 Core Loose Tube Fibre Cable
ZFOLA006OS2	180570174	6 Core Loose Tube Fibre Cable
ZFOLA008OS2	180570175	8 Core Loose Tube Fibre Cable
ZFOLA012OS2	180570176	12 Core Loose Tube Fibre Cable
ZFOLA024OS2	180570177	24 Core Loose Tube Fibre Cable

Fibre Optic Solution Lightband™ Cable



Advanced Fiber Optic Building Distribution Plenum Cable

- Easy strip buffers enable fast, consistent stripping for termination
- Flexible, small diameter cable with high tensile strength for cable routing and installation
- No bonding required due to all-dielectric construction
- Listed OFNR/FT4, OFNP/FT6 and also available in low smoke zero halogen
- Available with OM3 Grade Laser Optimized 10 Gigabit Ethernet fiber

OM1	SAP No.	OM2	SAP No.	Description
AFOBP006OM1	Consult Molex	AFOBP006OM2	Consult Molex	6 Core, Plenum-Orange
AFOBP012OM1	Consult Molex	AFOBP012OM2	Consult Molex	12 Core, Plenum-Orange
AFOBP024OM1	Consult Molex	AFOBP024OM2	Consult Molex	24 Core, Plenum-Orange
AFOBP048OM1	Consult Molex	AFOBP048OM2	Consult Molex	48 Core, Plenum-Orange
AFOBP072OM1	Consult Molex	AFOBP072OM2	Consult Molex	72 Core, Plenum-Orange

OM3	SAP No.	OM4	SAP No.	Description
AFOBP006OM3	Consult Molex	AFOBP006OM4	Consult Molex	6 Core, Plenum-Aqua
AFOBP012OM3	Consult Molex	AFOBP012OM4	Consult Molex	12 Core, Plenum-Aqua
AFOBP024OM3	Consult Molex	AFOBP024OM4	Consult Molex	24 Core, Plenum-Aqua
AFOBP048OM3	Consult Molex	AFOBP048OM4	Consult Molex	48 Core, Plenum-Aqua
AFOBP072OM3	Consult Molex	AFOBP072OM4	Consult Molex	72 Core, Plenum-Aqua

OS2	SAP No.	Description
AFOBP006OS2	Consult Molex	6 Core, Plenum-Yellow
AFOBP012OS2	Consult Molex	12 Core, Plenum-Yellow
AFOBP024OS2	Consult Molex	24 Core, Plenum-Yellow
AFOBP048OS2	Consult Molex	48 Core, Plenum-Yellow
AFOBP072OS2	Consult Molex	72 Core, Plenum-Yellow

Inter-Locking Armoured Indoor Tight Buffered Sheath

- Flexible jacketed armour maintains fibre bend radius during installation
- Armoured for harsh outdoor applications
- Fibres compliant to ISO/IEC 11801 fibre specifications
- Listed OFNR/FT4, OFNP/FT6
- Small OD, single-pull cost effective alternative to inner duct and or conduit permitting significant installation and material cost savings.
- Available in 50/125µm and 62.5/125µm MM and 9/125µm SM fibre versions



OM1	SAP No.	OM2	SAP No.	No. of Cores
AFOXRO04OM1	Consult Molex	AFOXRO04OM2	Consult Molex	4 Core Inter-Locking Fibre Cable
AFOXRO06OM1	Consult Molex	AFOXRO06OM2	Consult Molex	6 Core Inter-Locking Fibre Cable
AFOXRO08OM1	Consult Molex	AFOXRO08OM2	Consult Molex	8 Core Inter-Locking Fibre Cable
AFOXRO12OM1	Consult Molex	AFOXRO12OM2	Consult Molex	12 Core Inter-Locking Fibre Cable
AFOXRO24OM1	Consult Molex	AFOXRO24OM2	Consult Molex	24 Core Inter-Locking Fibre Cable

OM3	SAP No.	OM4	SAP No.	No. of Cores
AFOXRO04OM3	Consult Molex	AFOXRO04OM4	180580381	4 Core Inter-Locking Fibre Cable
AFOXRO06OM3	Consult Molex	AFOXRO06OM4	180580382	6 Core Inter-Locking Fibre Cable
AFOXRO08OM3	Consult Molex	AFOXRO08OM4	180580383	8 Core Inter-Locking Fibre Cable
AFOXRO12OM3	Consult Molex	AFOXRO12OM4	180580384	12 Core Inter-Locking Fibre Cable
AFOXRO24OM3	Consult Molex	AFOXRO24OM4	180580385	24 Core Inter-Locking Fibre Cable

OS1	SAP No.	OS2	SAP No.	No. of Cores
AFOXRO04OS1	Consult Molex	AFOXRO04OS2	180580376	4 Core Inter-Locking Fibre Cable
AFOXRO06OS1	Consult Molex	AFOXRO06OS2	180580377	6 Core Inter-Locking Fibre Cable
AFOXRO08OS1	Consult Molex	AFOXRO08OS2	180580378	8 Core Inter-Locking Fibre Cable
AFOXRO12OS1	Consult Molex	AFOXRO12OS2	180580379	12 Core Inter-Locking Fibre Cable
AFOXRO24OS1	Consult Molex	AFOXRO24OS2	180580380	24 Core Inter-Locking Fibre Cable

NOTE: Other Core Counts are available upon request

Fibre Optic Solution Lightband™ Pre-Terminated Fibre Optic Leads



Molex Pre-Terminated Fibre Optic Leads offer premium factory-controlled optical performance on a variety of connectors that enable fast, economical installation.

Pre-Terminated Leads are ideal for mission-critical backbone applications such as Data Centre tie cables and low optical loss backbone riser cables.

Pre-terminated Fibre Optic Leads

- Available in 50/125µm and 62.5/125µm MM and 9/125µm SM fibre versions
- Fibres compliant to ISO/IEC 11801 fibre specifications
- Wide variety of connector and cable types offered
- Cable length built to customer requirements

- Premium factory optical performance guaranteed
- RoHS compliant
- All assemblies are 100% factory tested - factory test results shipped with every assembly

ORDERING INFORMATION

Part No. Matrix - Substitute the correct code number or letter to determine the assembly construction

9 1 X X X X X X X X X X X X X X X X

Family

L=TB OFNP
N=TB OFNR
P=LT OFNP
Q=LT OFNR
R=Micro Cable OFNP
T=Micro Cable OFNR
V=TB LS0H
W=LT LS0H
Y=Micro Cable LS0H
A=Bca TB LS0H
B=Bca LT LS0H
C=Bca Micro Cable LS0H
D=Cca TB LS0H
E=Cca LT LS0H
F=Cca Micro Cable LS0H
G=Dca TB LS0H
H=Dca LT LS0H
K=Dca Micro Cable LS0H
2=Eca TB LS0H
3=Eca LT LS0H
4=Eca Micro Cable LS0H
5=Fca TB LS0H
6=Fca LT LS0H

Fibre count 4-144

Connectors at two ends

0=No Connector
1=ST
2=FDDI
3=SC Simplex
4=ESCON
5=ST II
6=ST 90 Boot
7=SMA
8=SC 90 Boot
9=SC Duplex
A=MTRJ(M)
B=MTRJ(F)
C=SC/APC
E=E2000/APC
F=FC
G=FC/APC
J=LC 90 Boot
K=E2000
L=LC Simplex
M=LC Duplex
N=LC/APC
U=MU

Fibre Type

U=OM1
V=OM2
W=OM3
X=OM4
N=OM5
Z=OS2

Tail length at two ends

1= 1M
2= 2M
3= 3M

Tail configuration at two ends

0=900u even
1=900u staggered 30mm
2=900u staggered 50mm
3=900u staggered 100mm
4=900u staggered 150mm
5=2mm even
7=2mm staggered 30mm
8=2mm staggered 50mm
9=2mm staggered 100mm
A=2mm staggered 150mm

Length

XXX= Length in
Meter

Jacket color

0=Default
OM1=Orange
OM2=Grey
OM3=Aqua
OM4=Eric Violet(LS0H)
OM4=Aqua(PVC)
OM5=Lime Green
SM=Yellow

Q=Aqua
L=Blue
R=Red
D=Black
E=Dark Grey
J=Green
K=Yellow
N=Orange
P=Pink
S=Salmon Pink
U=Purple
V=Eric Violet
W=White

Gland and Pulling eye

U=No gland, pulling eye at End 1
V=No gland, pulling eye at End 2
Z=No gland and pulling eye
Y=Gland at end 1, pulling eye at End 1
T=Gland at end 1, pulling eye at End 2
S=Gland at end 1, no pulling eye
X=Gland at end 2, pulling eye at End 1
G=Gland at end 2, pulling eye at End 2
F=Gland at end 2, no pulling eye
W=Gland at both ends, pulling eye at End 1
B=Gland at both ends, pulling eye at End 2
C=Gland at both ends, no pulling eye
* Gland=M20 Default. Gland O.D dependent upon cable O.D

* Micro-core cable only for 48 and above cores numbers

Fiber Optic Solution Lightband™ Patch Cords

Molex's advanced manufacturing process provides exceptional performance in patch cord assemblies. Molex maintains strict control over the ferrule endface surface. With the aid of an interferometer, the ferrule endface geometry is measured for radius, concentricity and apex

offset, ensuring high performance and long-term reliability of all terminations.



Fibre Optic Patch Cords

- Available in 50/125µm and 62.5/125µm MM and 9/125µm SM fibre versions
- Fibres compliant to ISO/IEC 11801 fibre specifications
- Standard or custom assemblies
- Precision ferrule endface geometry
- Wide variety of connector and cable types offered

- Controlled fibre protrusion
- Factory polished, tested and serialised
- RoHS Compliant
- Insertion Loss -
Singlemode: <0.35 dB per connector
Multimode: <0.5 dB per connector

Part No. Matrix - Substitute the correct code number or letter to determine the assembly instruction

91.XX.XXX.XXXXXX-X

Family

Connectors

- 0 = No Connector
- 1 = ST
- 2 = FDDI
- 3 = SC Simplex
- 4 = ESCON
- 5 = ST-II
- 6 = ST (w/90° boot)
- 7 = SMA
- 8 = SC (w/90° boot)
- 9 = SC Duplex
- A = MT-RJ (Male)
- B = MT-RJ (Female)
- C = SC/APC
- E = 2000/APC
- F = FC
- G = FC/APC
- J = LC (w/90° boot)
- K = E-2000
- L = LC
- U = MU
- M = Uniboot LC
- N = LC/APC
- U = MU

Fibre Type

- 3 = OM3 (50/125µm)
- 4 = OM4 (50/125µm)
- 5 = OM2 (50/125µm)
- 6 = OM1 (62.5/125µm)
- 8 = OS1/2 SM
- bending insensitivity (G.657 A2)
- 9 = OM5 (50/125µm)

Cable Type

- 1 = 3mm Simplex
- 2 = 3mm Duplex
- 3 = 900µm Tight Buffered
- 4 = 1.6mm Simplex
- 5 = 1.6mm Duplex
- 6 = 2.0mm Simplex
- 7 = 2.0mm Duplex
- 8 = Gemini (MT-RJ)
- 9 = 900µm Semi Tight Buffered
- B = Armoured 3.3mm Duplex
- C = Armoured 3.3mm Simplex
- D = 2.4mm to 2.8mm (Uniboot cable)

Jacket Type

- 1 = PVC
- 2 = LS0H
- 3 = Plenum

Length (metres)

- XXX = Length
- 00A = 0.5 metre
- 00B = 1.5 metre
- 00C = 2.5 metre
- 00D = 3.5 metre
- 00E = 4.5 metre

Polish & connection

- 0 = Standard Loss cross over
- L = Low Loss cross over
- 1 = Standard loss, parallel
- 2 = Low loss parallel

Special Code

- Blank = Default (none)
- S = (6 colours package for pigtail)
- T = 12 colours package for pigtail)
- I = (only applicable for India supply)

Jacket Colour

- 0 = Default Colour
- OM1 MM - Orange
- OM2 MM - Grey
- OM3 MM - Aqua
- OM4 MM - Erica Violet (LSOH)
- OM4 MM - Aqua (Plenum)
- OM4 MM - Aqua (Plenum)
- OM5 MM - Lime Green
- SM = Yellow
- A = Aqua
- B = Blue
- C = Red
- D = Black
- E = Dark Grey
- J = Green
- K = Yellow
- N = Orange
- P = Pink
- S = Salmon Pink
- U = Purple
- V = Erica Violet
- W = White

Example@ 1metre DLC - DSC OM3 Patch Cord the part no would be: 91.9L.372.00100

NOTE: Other Core Counts are available upon request

Fibre Optic Solution

Lightband™

Pre-Terminated Fibre Optic Leads



LC Pigtails

Order No.	SAP No.	Description
91.L0.632.00B00-6	0180590553	LC Pigtails 6 PC X 1 Fibre 62.5µm (OM1) MM - 1.5m
91.L0.532.00B00-6	0180590341	LC Pigtails 6 PC X 1 Fibre 50µm (OM2) MM - 1.5m
91.L0.332.00B00-6	0180590552	LC Pigtails 6 PC X 1 Fibre 50µm (OM3) MM - 1.5m
91.L0.832.00B00-6	0180590554	LC Pigtails 6 PC X 1 Fibre 9µm (OS1/2) SM - 1.5m
91.L0.432.00B00-6	0180610108	LC Pigtails 6 PC X 1 Fibre 50µm (OM4) MM - 1.5m



SC Pigtails

Order No.	SAP No.	Description
91.30.632.00B00-6	0180590340	SC Pigtails 6 PC X 1 Fibre 62.5µm (OM1) MM - 1.5m
91.30.532.00B00-6	0180590549	SC Pigtails 6 PC X 1 Fibre 50µm (OM2) MM - 1.5m
91.30.332.00B00-6	0180590548	SC Pigtails 6 PC X 1 Fibre 50µm (OM3) MM - 1.5m
91.30.832.00B00-6	0180590550	SC Pigtails 6 PC X 1 Fibre 9µm (OS1/2) SM - 1.5m
91.30.432.00B00-6	0180610110	SC Pigtails 6 PC X 1 Fibre 50µm (OM4) MM - 1.5m



ST Pigtails

Order No.	SAP No.	Description
91.10.631.00B02-6	180590363	ST Pigtail, 1 Fibre, 62.5µm (OM1) MM - 1m
91.10.531.00B02-6	180590547	ST Pigtail, 1 Fibre, 50µm (OM2) MM - 1m
91.10.331.00B02-6	Consult Molex	ST Pigtail, 1 Fibre, 50µm (OM3) MM - 1m
91.10.831.00B02-6	180590446	ST Pigtail, 1 Fibre, (OS1/2) SM - 1m



Fibre Optic Solution Lightband™ Patch Cords & Pigtails



LC Patch Cords

Order No.	SAP No.	Description
91.LL.672.00100	0180590229	LC Patch Cord, 62.5µm (OM1) MM, LS0H - 1m
91.LL.572.00100	0180590326	LC Patch Cord, 50µm (OM2) MM, LS0H - 1m
91.LL.372.00100	0180590391	LC Patch Cord, 50µm (OM3) MM, LS0H - 1m
91.LL.472.00100	0180591036	LC Patch Cord, 50µm (OM4) MM, LS0H - 1m
91.LL.872.00100	Consult Molex	LC Patch Cord, (OS1/2) SM, LS0H - 1m
91.LL.272.00100	0180591033	LC Patch Cord, (OS2) SM, LS0H - 1m
91.LL.672.00200	0180590121	LC Patch Cord, 62.5µm (OM1) MM, LS0H - 2m
91.LL.572.00200	0180590327	LC Patch Cord, 50µm (OM2) MM, LS0H - 2m
91.LL.372.00200	0180590392	LC Patch Cord, 50µm (OM3) MM, LS0H - 2m
91.LL.472.00200	0180591037	LC Patch Cord, 50µm (OM4) MM, LS0H - 2m
91.LL.872.00200	Consult Molex	LC Patch Cord, (OS1/2) SM, LS0H - 2m
91.LL.672.00500	0180590231	LC Patch Cord, 62.5µm (OM1) MM, LS0H - 5m
91.LL.572.00500	0180590330	LC Patch Cord, 50µm (OM2) MM, LS0H - 5m
91.LL.372.00500	0180590395	LC Patch Cord, 50µm (OM3) MM, LS0H - 5m
91.LL.472.00500	0180591038	LC Patch Cord, 50µm (OM4) MM, LS0H - 5m
91.LL.872.00500	0180590708	LC Patch Cord, (OS1/2) SM, LS0H - 5m



Order No.	SAP No.	Description
91.99.672.00100	0180590022	SC Patch Cord, 62.5µm (OM1) MM, LS0H - 1m
91.99.572.00100	0180590170	SC Patch Cord, 50µm (OM2) MM, LS0H - 1m
91.99.372.00100	Consult Molex	SC Patch Cord, 50µm (OM3) MM, LS0H - 1m
91.99.472.00100	0180591042	SC Patch Cord, 50µm (OM4) MM, LS0H - 1m
91.99.872.00100	0180590178	SC Patch Cord, (OS1/2) SM, LS0H - 1m
91.99.672.00200	0180590023	SC Patch Cord, 62.5µm (OM1) MM, LS0H - 2m
91.99.572.00200	0180590171	SC Patch Cord, 50µm (OM2) MM, LS0H - 2m
91.99.372.00200	0180590117	SC Patch Cord, 50µm (OM3) MM, LS0H - 2m
91.99.472.00200	0180591043	SC Patch Cord, 50µm (OM4) MM, LS0H - 2m
91.99.872.00200	0182080210	SC Patch Cord, (OS1/2) SM, LS0H - 2m
91.99.672.00500	0182080090	SC Patch Cord, 62.5µm (OM1) MM, LS0H - 5m
91.99.572.00500	0182080123	SC Patch Cord, 50µm (OM2) MM, LS0H - 5m
91.99.372.00500	0182080089	SC Patch Cord, 50µm (OM3) MM, LS0H - 5m
91.99.472.00500	0180591044	SC Patch Cord, 50µm (OM4) MM, LS0H - 5m
91.99.872.00500	0180590118	SC Patch Cord, (OS1/2) SM, LS0H - 5m

Patch Cords

90 Degree Boot Patch Cords



Order No.	SAP No.	Description
91.88.671.00100	Consult Molex	SC Patch Cord, 90 Degree Boot, 62.5µm (OM1) MM - 1m
91.88.571.00100	Consult Molex	SC Patch Cord, 90 Degree Boot, 50µm (OM2) MM - 1m
91.88.371.00100	Consult Molex	SC Patch Cord, 90 Degree Boot, 50µm (OM3) MM - 1m
91.88.821.00100	Consult Molex	SC Patch Cord, 90 Degree Boot, (OS1) SM - 1m
91.88.671.00200	Consult Molex	SC Patch Cord, 90 Degree Boot, 62.5µm (OM1) MM - 2m
91.88.571.00200	Consult Molex	SC Patch Cord, 90 Degree Boot, 50µm (OM2) MM - 2m
91.88.371.00200	Consult Molex	SC Patch Cord, 90 Degree Boot, 50µm (OM3) MM - 2m
91.88.821.00200	Consult Molex	SC Patch Cord, 90 Degree Boot, (OS1) SM - 2m
91.JJ.671.00100	Consult Molex	LC Patch Cord, 90 Degree Boot, 62.5µm (OM1) MM - 1m
91.JJ.571.00100	Consult Molex	LC Patch Cord, 90 Degree Boot, 50µm (OM2) MM - 1m
91.JJ.371.00100	Consult Molex	LC Patch Cord, 90 Degree Boot, 50µm (OM3) MM - 1m
91.JJ.821.00100	Consult Molex	LC Patch Cord, 90 Degree Boot, (OS1) SM - 1m
91.JJ.671.00200	Consult Molex	LC Patch Cord, 90 Degree Boot, 62.5µm (OM1) MM - 2m
91.JJ.571.00200	Consult Molex	LC Patch Cord, 90 Degree Boot, 50µm (OM2) MM - 2m
91.JJ.371.00200	Consult Molex	LC Patch Cord, 90 Degree Boot, 50µm (OM3) MM - 2m
91.JJ.821.00200	Consult Molex	LC Patch Cord, 90 Degree Boot, (OS1) SM - 2m

Fibre Optic Solution

Lightband™

Oven Cure Connectors



SC Connectors

Molex's SC fibre connector has been designed to NTT-SC standards and is completely compatible with other SC hardware. This design, which provides non-optical disconnect terminations is a push pull coupling mechanism, has been tested to the rigorous Bellcore 326 standards. Because of its versatility, this connector is well suited for telecommunication, CATV and datacom applications

- RoHS Compliant
- Available in Multimode and Singlemode versions
- Easy to assemble one piece SC connector body
- Meets TIA/EIA 568-B.3 and IEC 874.19 standards
- Low insertion loss : <0.15dB typ. SM
<0.34dB typ. MM
- Available in versions to suit 900µm and 3.0mm cables

Order No.	SAP No.	Description
18262-0031	182620031	SC Singlemode Duplex 2mm Connector - Blue Boot
18262-0032	182620032	SC Multimode Duplex 2mm Connector - Beige Boot
18262-0033	182620033	SC Multimode 900µm Connector kit - Beige Boot
18262-0043	182620043	SC Singlemode 900µm Connector kit - Blue Boot
18262-0045	182620045	SC Singlemode Angle Polish Duplex 2mm Connector - Green Boot
18262-0046	182620046	SC Multimode Angle Polish Duplex 900µm Connector - Green Boot



LC Connectors

The LC connector is the result of increased demands for smaller easier-to-use fibre connectivity. The LC connector has reduced the space requirements on equipment bays and distribution panels by 50%.

Connectors accommodate 900µm buffered fibre and 1.6mm and 2.4mm jacketed cable. Its six position tuning feature enables unprecedented insertion loss performance by optimising the alignment of the fibre cores.

- RoHS Compliant
- Available in Multimode and Singlemode versions
- Small footprint
- Tunable - Optimises insertion loss performance
- GR 326 and IEC 874 tested

Order No.	SAP No.	Description
18262-0034	182620034	LC Multimode 900µm Connector kit - White Boot
18262-0035	182620035	LC Multimode Duplex 2mm Connector kit - White Boot
18262-0041	182620041	LC Singlemode 900µm Connector kit - White Boot
18262-0042	182620042	LC Singlemode Duplex 2mm Connector kit - Blue Boot



ST Connectors

The ST series of fibre connectors are specially designed for distribution applications and are compatible with existing ST type hardware. The screw on captivation mechanism in the long boot style provides excellent Kevlar retention without the expense and inconvenience of crimp tools.

- RoHS Compliant
- Available in Multimode and Singlemode versions
- Low insertion loss : <0.15dB typ. SM
<0.34dB typ. MM
- Standard crimp & crimpless screw type Kevlar retention
- Variety of connector styles: long boot, short boot, 90° boot and 900µm buffered fibre

Order No.	SAP No.	Description
18262-0036	182620036	ST Multimode 2mm Connector kit - Black Boot
18262-0037	182620037	ST Multimode 2mm Connector kit - Red Boot
18262-0047	182620047	ST Multimode 3mm Connector kit - Black Boot
18262-0048	182620048	ST Multimode 3mm Connector kit - Red Boot
18262-0038	182620038	ST Multimode 900µm Connector kit - Black Boot
18262-0040	182620040	ST Singlemode 2mm Connector kit - Yellow Boot
18262-0049	182620049	ST Singlemode 3mm Connector kit - Yellow Boot
18262-0039	182620039	ST Singlemode 900µm Connector kit - Blue Boot

Kevlar® is a registered trademark of E.I. duPont deNemours & Co. Inc.

Fibre Optic Solution Lightband™ Oven Cure Connectors



FC

FC/APC

FC Connectors

FC connectors are specifically designed for telecommunication applications. Designed to NTT-FC standards and provides true non-optical disconnect performance. FC connectors support both singlemode and multimode applications and have a pre-assembled design and provide economical terminations both in factory and in-the-field.

- RoHS Compliant
- Designed to NTT-FC standards
- Available in Singlemode & Multimode versions
- Pre-polished ceramic ferrules
- Low insertion loss: <0.15dB typ. SM
<0.34dB typ. MM

Order No.	SAP No.	Description
106053-0500	1060530500	FC Connector, Multimode, Zirconia PC Ferrule, Buffered Fibre
106053-3000	1060533000	FC Connector, Multimode, Zirconia PC Ferrule, 3.0mm
106053-5000	1060535000	FC Connector, Singlemode, Zirconia PC Ferrule, 3.0mm
106053-5500	1060535500	FC Connector, Singlemode, Zirconia PC Ferrule, Buffered Fibre
106055-5000	1060555000	FC/APC Connector, SM, 126µm, Zirconia APC Ferrule, 3.0mm, Tight Fit Key
106055-5500	1060555500	FC/APC Connector, SM, 126µm, Zirconia APC Ferrule, 900µm, Tight Fit Key
106056-5000	1060565000	FC/APC Connector, SM, 126µm, Zirconia APC Ferrule, 3.0mm, Standard Key
106056-5500	1060565500	FC/APC Connector, SM, 126µm, Zirconia APC Ferrule, 900µm, Standard Key



FDDI



ESCON

ESCON & FDDI Connectors

ESCON Connectors are designed using the latest engineered polymer and ceramic materials featuring pre-polished zirconia ceramic PC ferrules and a rugged polymer housing.

FDDI connectors utilise pre-polished and pre-radiused ferrules, and produce quick and consistent FDDI terminations.

- RoHS Compliant
- Compatible with IBM ESCON architecture
- Compatible with ANSI FDDI standard
- Available in Multimode versions
- Low Insertion Loss: <0.15dB typ.

Order No.	SAP No.	Description
106030-0200	1060300200	FDDI Connector, Multimode, 127µm, Zirconia PC Ferrule, Zipcord
106030-0300	1060300300	FDDI Connector, Multimode, 127µm, Zirconia PC Ferrule, 4.8mm
106040-0100	1060400100	ESCON Connector, Multimode, 127µm, Zirconia PC Ferrule, 4.8mm
106040-0200	1060400200	ESCON Connector, Multimode, 127µm, Zirconia PC Ferrule, Zipcord

Oven Cure Consumable Kit

- Oven Cure Consumable kit includes;
 - Cable Preparation Template
 - Lens Cleaning Tissue
 - Epoxy Packs
 - 0.5, 1 & 5 Micron Lapping Film
 - Syringes
 - Needles

- The Oven Cure Consumable Kit requires a Curing Oven
- 5 minute curing period

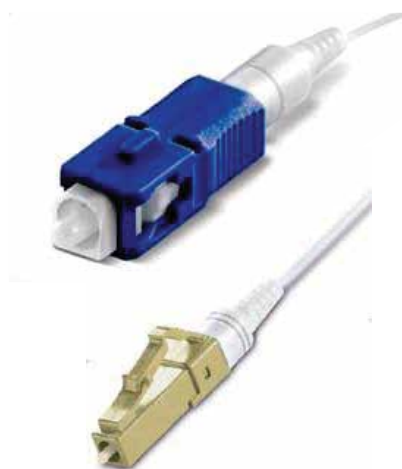


Order No.	SAP No.	Description
86710-5000	867105000	Oven Cure Consumable Kit

Fibre Optic Solution

Lightband™

Field Terminable Connectors



Xpress G2 Pre-Polished Pre-Assembled Connectors

Molex's Xpress G2 (second generation) Pre-Polished, Pre-Assembled Connectors provide quick reliable terminations and are easy to use.

- Quick assembly
- Low tooling investment - only strip and cleaving tool required
- Reliable performance - same environmental endurance as conventional connectors
- Multiple formats available - SC and LC form factors
- Available in Singlemode, Multimode, Angled Polish in 900µm & 200µm format

Order No.	SAP No.	Description
AFR-00387	182620013	LC Multimode OM1 250/900µm BF Beige 10 PC Connector Kit
AFR-00388	182620014	LC Multimode OM2 250/900µm BF Black 10 PC Connector Kit
AFR-00389	182620015	LC Multimode OM3 10g 250/900µm BF Aqua 10 PC Connector Kit
AFR-00390	182620016	LC Singlemode OS1 250/900µm BF Blue 10 PC Connector Kit
AFR-00391	182620017	SC Multimode OM1 250/900µm BF Beige 10 PC Connector Kit
AFR-00392	182620018	SC Multimode OM2 250/900µm BF Black 10 PC Connector Kit
AFR-00393	182620019	SC Multimode OM3 10g 250/900µm BF Aqua 10 PC Connector Kit
AFR-00394	182620020	SC Singlemode OS1 250/900µm BF Blue 10 PC Connector Kit
AFR-00395	182620021	SC/APC Singlemode OS1 250/900µm BF APC Green 10 PC Connector Kit

Fibre Optic Solution Lightband™ Connector Cleaners



MPO/MTP Cleaner

The MPO/MTP cleaner has been specifically designed for use with multi-fibre connectors. The cleaner removes debris from the entire end-face in a single action.

- Easy pushing motion engages connector and initiates cleaner
- Disposable - 525+ cleaning cycles per unit
- Made from anti-static resins
- Cleaning micro fibres are densely stranded and debris free
- Cleaner rotates 180 degrees for full sweep
- Audible click when engaged

Order No.	SAP No.	Description
AFR-00427	182680008	MPO/MTP Cleaner



SC Connector Cleaner

The SC connector cleaner has been specifically designed for use with SC/ST/FC connectors. The cleaner removes debris from the entire end-face in a single action.

- Easy pushing motion engages connector and initiates cleaner
- Disposable - 525+ cleaning cycles per unit
- Made from anti-static resins
- Cleaning micro fibres are densely stranded and debris free
- Cleaner rotates 180 degrees for full sweep
- Audible click when engaged

Order No.	SAP No.	Description
AFR-00429	182680010	SC Connector Cleaner



LC Connector Cleaner

The LC Connector cleaner has been specifically designed for use with LC connectors. The cleaner removes debris from the entire end-face in a single action.

- Easy pushing motion engages connector and initiates cleaner
- Disposable - 525+ cleaning cycles per unit
- Made from anti-static resins
- Cleaning micro fibres are densely stranded and debris free
- Cleaner rotates 180 degrees for full sweep
- Audible click when engaged

Order No.	SAP No.	Description
AFR-00428	182680009	LC Connector Cleaner

Fibre Optic Solution Lightband™ Adapters



ESCON Adapters

ESCON adapters are available in either flange or snap-in mounting styles. All are made of strong and durable engineering polymers and have either a precision zirconia ceramic or polymer alignment sleeves.

- RoHS Compliant
- Compatible with IBM ESCON architecture
- Flange and Snap mount versions available
- Zirconia Ceramic or Polymer Alignment sleeve

Order No.	SAP No.	Description
106140-0000	1061400000	ESCON-ST Adapter, Zirconia Ceramic Alignment, Snap Mount
106140-0300	1061400300	ESCON-ST Adapter, Zirconia Ceramic Alignment, Flange Mount
106140-2300	1061402300	ESCON-ESCON Adapter, Zirconia Ceramic Alignment, Flange Mount
106140-2400	1061402400	ESCON-ESCON Adapter, Zirconia Ceramic Alignment, Snap Mount
106142-2300	1061422300	ESCON-ESCON Adapter, Phosphor Bronze, Flange Mount
106142-2400	1061422400	ESCON-ESCON Adapter, Phosphor Bronze, Snap Mount
106143-0000	1061430000	ESCON-ST Adapter, Polymer Alignment, Snap Mount
106143-0300	1061430300	ESCON-ST Adapter, Polymer Alignment, Flange Mount



FDDI Adapters

FDDI adapters are available in either flange or snap-in mounting styles. All are made of strong and durable engineering polymers and have either a precision zirconia ceramic or polymer alignment sleeves.

- RoHS Compliant
- Compatible with ANSI FDDI standard
- Flange and Snap mount versions available
- Zirconia Ceramic or Polymer Alignment sleeve

Order No.	SAP No.	Description
106130-0500	1061300500	FDDI-ST Adapter, Zirconia Alignment, Snap Mount, Removable Keys
106130-0600	1061300600	FDDI-ST Adapter, Zirconia Alignment, Flange Mount, Removable Keys
106133-0500	1061330500	FDDI-ST Adapter, Polymer Alignment, Snap Mount, Removable Keys
106133-0600	1061330600	FDDI-ST Adapter, Polymer Alignment, Flange Mount, Removable Keys

Fibre Optic Solution Lightband™ Adapters



Duplex SC Adapters

Duplex SC adapters feature either a snap or flange mount and are designed to support the TIA/EIA commercial building telecommunication wiring standards.

- RoHS Compliant
- NTT-SC and Bellcore 326 compliant connectors
- Meets TIA/EIA 568-B.3 and IEC 874-109 standards
- Unique shuttered feature protects from harmful light emissions - Available upon application

Order No.	SAP No.	Description
18282-0033	182820033	SC/SC Duplex MM Phosphor Bronze Flange Mount Unshuttered - Beige
18282-0034	182820034	SC/SC Duplex MM Phosphor Bronze Snap Unshuttered - Beige
18282-0035	182820035	SC/SC Duplex MM Phosphor Bronze Flange Mount Unshuttered - Aqua
18282-0036	182820036	SC/SC Duplex MM Phosphor Bronze Snap Unshuttered - Aqua
18282-0037	182820037	SC/SC Duplex SM Zirconia Flange Mount Unshuttered - Blue
18282-0038	182820038	SC/SC Duplex SM Zirconia Snap Mount Unshuttered - Blue
18282-0090	182820090	SC Duplex MM OM4 Phosphor Bronze Snap Unshuttered - Erica Violet
18282-0091	182820091	SC Duplex MM OM4 Phosphor Bronze Flange Mount Unshuttered - Erica Violet
18282-0107	182820107	SC Duplex MM OM4 Zirconia Flange Mount Unshuttered - Erica Violet
18282-0111	182820111	SC Duplex MM OM4 Zirconia Snap Mount Unshuttered - Erica Violet
106167-0510A	Consult Molex	SC/SC Duplex MM Phosphor Bronze Flange Mount Shuttered - Beige
106167-0610	Consult Molex	SC/SC Duplex MM Phosphor Bronze Snap Mount Shuttered - Beige
106166-0500A	Consult Molex	SC/SC Duplex SM Zirconia Flange Mount Shuttered - Blue
106166-0600	Consult Molex	SC/SC Duplex SM Zirconia Snap Mount Shuttered - Blue
106167-0410	Consult Molex	SC/SC Duplex MM Phosphor Bronze Flange Mount Shuttered - Aqua
106167-0620	Consult Molex	SC/SC Duplex MM Phosphor Bronze Snap Shuttered - Aqua
106166-0200	Consult Molex	SC Duplex Adapter Shutter - Blue
106166-0210	Consult Molex	SC Duplex Adapter Shutter - Beige



Duplex SC/ST Adapters

Duplex SC/ST adapters feature either a snap or flange mount and are designed to support the TIA/EIA commercial building telecommunication wiring standards.

- RoHS Compliant
- NTT-SC and Bellcore 326 compliant connectors
- Meets TIA/EIA 568-B.3 and IEC 874-109 standards
- Unique shuttered feature protects from harmful light emissions - Available upon application

Order No.	SAP No.	Description
106167-1000	1061671000	SC/ST Duplex, Singlemode, Phosphor Bronze, Flange Mount
106167-1010	1061671010	SC/ST Duplex, Multimode, Phosphor Bronze, Flange Mount
106167-1100	1061671100	SC/ST Duplex, Singlemode, Phosphor Bronze, Snap Mount
106167-1110	1061671110	SC/ST Duplex, Multimode, Phosphor Bronze, Snap Mount
106167-1500	1061671500	SC/ST Shuttered Duplex, Singlemode, Phosphor Bronze, Flange Mount
106167-1510	1061671510	SC/ST Shuttered Duplex, Multimode, Phosphor Bronze, Flange Mount
106167-1600	1061671600	SC/ST Shuttered Duplex, Singlemode, Phosphor Bronze, Snap Mount
106167-1610	1061671610	SC/ST Shuttered Duplex, Multimode, Phosphor Bronze, Snap Mount

Fibre Optic Solution Lightband™ Adapters



Duplex SC/APC Adapters

Duplex SC/APC adapters feature either a snap or flange mount and are designed for use with Angled Polish Connectors.

- RoHS Compliant
- NTT-SC and Bellcore 326 compliant connectors
- Meets TIA/EIA 568-B.3 and IEC 874-109 standards
- Unique shuttered feature protects from harmful light emissions - Available upon application

Order No.	SAP No.	Description
18282-0039	182820039	SC/SC APC Duplex SM Zirconia Flange Mount Unshuttered - Green
18282-0040	182820040	SC/SC APC Duplex SM Zirconia Snap Mount Unshuttered - Green
106166-0550	Consult Molex	SC/SC APC Duplex SM Zirconia Flange Mount Shuttered - Green
106166-0650	Consult Molex	SC/SC APC Duplex SM Zirconia Snap Mount Shuttered - Green



LC Adapters

The LC adapter is the result of increased demands for smaller easier-to-use fibre connectivity. The LC adapter has reduced the space requirements on equipment bays and distribution panels by 50%.

- RoHS Compliant
- Unique shuttered feature protects from harmful light emissions - Available upon application

Order No.	SAP No.	Description
106127-1300A	1061271300A	LC Shuttered Duplex, Singlemode, Zirconia Alignment
106127-1310A	1061271310A	LC Shuttered Duplex, Multimode, Phosphor Bronze Alignment
18282-0041	182820041	LC Unshuttered Duplex, MM, Flange Mount, Phosphor Bronze Alignment - Beige
18282-0042	182820042	LC Unshuttered Duplex, MM, Snap Mount, Phosphor Bronze Alignment - Beige
18282-0043	182820043	LC Unshuttered Duplex, MM, Flange Mount, Phosphor Bronze Alignment - Aqua
18282-0044	182820044	LC Unshuttered Duplex, MM, Snap Mount, Phosphor Bronze Alignment - Aqua
18282-0045	182820045	LC Unshuttered Duplex, SM, Flange Mount, Zirconia Alignment - Blue
18282-0046	182820046	LC Unshuttered Duplex, SM, Snap Mount, Zirconia Alignment - Blue
18282-0047	182820047	LC Unshuttered APC Duplex, SM, Flange Mount, Zirconia Alignment - Green
18282-0048	182820048	LC Unshuttered APC Duplex, SM, Snap Mount, Zirconia Alignment - Green
18282-0089	182820089	LC Unshuttered Duplex MM OM4, Snap Mount, Zirconia Alignment - Erica Violet
18282-0092	182820092	LC Unshuttered Duplex MM OM4, Flange Mount, Zirconia Alignment - Erica Violet
106127-0410	Consult Molex	LC-LC Shuttered Duplex MM OM1/OM2 Phosphor Bronze Snap Mount - Beige
106127-0350	Consult Molex	LC-LC Shuttered Duplex MM OM3 Phosphor Bronze Flange Mount - Aqua
106127-1610	Consult Molex	LC-LC Shuttered Duplex MM OM3 Phosphor Bronze Snap Mount - Aqua
106127-1400	Consult Molex	LC-LC Shuttered Duplex SM OS1 Zirconia Ceramic Snap Mount - Blue
106127-1350	Consult Molex	LC-LC Shuttered Duplex SM OS1 Zirconia Ceramic Flange Mount - Green
106127-1450	Consult Molex	LC-LC Shuttered Duplex SM OS1 Zirconia Ceramic Snap Mount - Green

Fibre Optic Solution Lightband™ Adapters



Quad LC Adapters

Designed for high-density applications, the Quad LC adapter provides a 4-position LC adapter solution in a traditional Duplex SC footprint.

- RoHS Compliant
- Ceramic or Phosphor Bronze alignment sleeves
- Unique shuttered feature protects from harmful light emissions - Available upon application

Order No.	SAP No.	Description
106123-1200	Consult Molex	LC Shuttered Quad, Phosphor Bronze Alignment Sleeve, Flange Mount - Beige
106123-1400	Consult Molex	LC Shuttered Quad, Phosphor Bronze Alignment Sleeve, Snap Mount - Beige
106123-3200	Consult Molex	LC Shuttered Quad, Phosphor Bronze Alignment Sleeve, Flange Mount - Aqua
106123-3400	Consult Molex	LC Shuttered Quad, Phosphor Bronze Alignment Sleeve, Snap Mount - Aqua
106123-0200	Consult Molex	LC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - Blue
106123-0400	Consult Molex	LC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - Blue
18282-0049	182820049	LC Quad, Phosphor Bronze Alignment Sleeve, Flange Mount - Beige
18282-0050	182820050	LC Quad, Phosphor Bronze Alignment Sleeve, Snap Mount - Beige
18282-0051	182820051	LC Quad, Phosphor Bronze Alignment Sleeve, Flange Mount - Aqua
18282-0052	182820052	LC Quad, Phosphor Bronze Alignment Sleeve, Snap Mount - Aqua
18282-0053	182820053	LC Quad, Zirconia Alignment Sleeve, Flange Mount - Blue
18282-0054	182820054	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Blue
18282-0093	182820093	LC Quad MM OM4 Zirconia Alignment Sleeve, Snap Mount - Erica Violet
18282-0094	182820094	LC Quad MM OM4 Zirconia Alignment Sleeve, Flange Mount - Erica Violet
18282-0126	182820126	LC Quad MM OM4 Phosphor Bronze Alignment Sleeve, Flange Mount - Erica Violet
18282-0131	182820131	LC Quad MM OM4 Phosphor Bronze Alignment Sleeve, Snap Mount - Erica Violet



Quad LC/APC Adapters

Designed for high-density applications, the Quad LC/APC adapter provides a 4-position LC adapter solution in a traditional Duplex SC footprint and are designed for use with Angled Polish Connectors.

- RoHS Compliant
- Ceramic or Phosphor Bronze alignment sleeves
- Unique shuttered feature protects from harmful light emissions - Available upon application

Order No.	SAP No.	Description
106123-2200	Consult Molex	LC/APC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - Green
106123-2400	Consult Molex	LC/APC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - Green
18282-0055	182820055	LC/APC Quad, Zirconia Alignment Sleeve, Flange Mount - Green
18282-0056	182820056	LC/APC Quad, Zirconia Alignment Sleeve, Snap Mount - Green

Fibre Optic Solution Lightband™ Adapters



ST Adapters

A broad range of singlemode and multimode adapters are available to accommodate ST and ST II connectors. Metallic or polymer versions are available with either precise zirconia ceramic, rugged phosphor bronze or cost-effective polymer alignment sleeves.

- RoHS compliant
- Metal or polymer body
- Zirconia, phosphor bronze and polymer alignment sleeves
- Suitable for ST and ST II connectors

Order No.	SAP No.	Description
18282-0065	182820065	ST/ST Adapter, SM/MM, Metal Body, Zirconia Sleeve
18282-0057	182820057	ST/ST Adapter, SM/MM, Metal Body, Phosphor Bronze Sleeve



MT-RJ Adapter

Occupying approximately the same space as a simplex SC adapter, the MT-RJ Adapter is a feed through adapter that connects the male and female MT-RJ Connector to give a stable and reliable connection.

- RoHS compliant
- Small footprint
- Polarised connection keeps correct fibres aligned

Order No.	SAP No.	Description
AFR-00126	181190020	MT-RJ Adapter, Singlemode/Multimode, Flange Mount



FC Adapters

FC adapters combine a metal housing and either a precision zirconia or a rugged phosphor bronze sleeve. Flange mount or "D" hole mount adapter styles are available.

- RoHS Compliant
- Designed to NTT-FC standards
- Flange mount and "D" hole mount styles available

Order No.	SAP No.	Description
106152-0100	1061520100	FC Adapter, Zirconia Alignment, Flange Mount
106152-1000	1061521000	FC Adapter, Zirconia Alignment, "D" Hole Mount
106152-2000	1061522000	FC/APC Adapter, Zirconia Alignment, Flange Mount
106152-3000	1061523000	FC/APC Adapter, Zirconia Alignment, "D" Hole Mount
106156-0100	1061560100	FC Adapter, Phosphor Bronze Alignment, Flange Mount
106156-1000	1061561000	FC Adapter, Phosphor Bronze Alignment, "D" Hole Mount
106172-0000	1061720000	FC-ST Adapter, Zirconia Alignment, Flange Mount

Optical Fibre Solution Lightband™ Rack Mount Solutions



RFR-00311-BK



RFR-00312-BK



RFR-00311-BK loaded with AFR-00534-AQ



1U Multi-Function Fibre Enclosure Gen II

The 1U Multi-Function Fibre Enclosure is a configurable rack mount unit for storing and terminating incoming fibre cable. The fibre enclosure has been designed to accommodate various termination types and adapter configurations. The floor of the enclosure is constructed to allow maximum flexibility in routing fibres. Constructed with a ball bearing slide mechanism allows ease of access to fibres. The interchangeable front plate facilitates upgrades as required. The enclosure has an optional front locking kit and an optional front cable management to securely route patch cords.

- Accommodates up to 4 ModLink Quick Connect Cassettes which allows 12-24 fibre connections per cassette with various interfacing adapters
- Accommodates up to 4 Modular Splice Cassettes, which allows 6-24 fibre connections per cassette. The splice cassettes allow for splice termination while protecting individual fibres
- Compatible with preloaded adapter plates in various fibre counts and adapter configurations
- Self-Adhesive fibre management hub is stackable and can be segmented providing individualisation of fibre routing
- Optional 24 fibre splice tray available to maximise port capacity while providing fibre management for excess fibre
- Optional front cable management allows for secure routing of patch cords and can be retrofitted
- Optional locking kits provide security
- Compatible with Molex's 6 Fibre Adapter plates that allow 6-24 fibre connections per plate, 72 Fibre MTP connections and 3 x DataGate Copper/Synergy connections per plate
- Rugged steel construction in graphite finish
- Compatible with Molex 3 x DataGate Jack UTP or C6A Adapter Plate for Multimedia applications

Order No.	SAP No.	Description
RFR-00311-BK	180370287	1U Multi-Function Fibre Enclosure Gen II
Optional Enhancements		
RFR-00312-BK	180370288	Locking Front Assembly Kit
CMA-00111	181050048	Front Cable Manager
AFR-00468-04	180600394	6 Pak Adapter Front Plate
AFR-00469-04	180600395	Full Length Blanking Plate

Adapter Plates (Loaded)

Order No.	SAP No.	Description
AFR-00598-BL	180600392	SC Simplex, 24 Fibre Adapter Plate, Unshuttered, SM - Blue
AFR-00599-GR	180600393	SC/APC Simplex, 24 Fibre Adapter Plate, Unshuttered, SM - Green
AFR-00600-OL	180600402	SC Simplex, 24 Fibre Adapter Plate, Unshuttered, MM - Beige
AFR-00601-AQ	180600403	SC Simplex, 24 Fibre Adapter Plate, Unshuttered, MM - Aqua
AFR-00602-EV	180600404	SC Simplex, 24 Fibre Adapter Plate, Unshuttered, MM - Erica Violet
AFR-00603-BL	180600405	LC Duplex, 48 Fibre Adapter Plate, Unshuttered, SM - Blue
AFR-00604-GR	180600406	LC/APC Duplex, 48 Fibre Adapter Plate, Unshuttered, SM - Green
AFR-00605-OL	180600407	LC Duplex, 48 Fibre Adapter Plate, Unshuttered, MM - Beige
AFR-00606-AQ	180600408	LC Duplex, 48 Fibre Adapter Plate, Unshuttered, MM - Aqua
AFR-00607-EV	180600409	LC Duplex, 48 Fibre Adapter Plate, Unshuttered, MM - Erica Violet
AFR-00608-BL	180600410	SC Simplex, 48 Fibre Adapter Plate, Unshuttered, SM - Blue
AFR-00609-GR	180600411	SC/APC Simplex, 48 Fibre Adapter Plate, Unshuttered, SM - Green
AFR-00610-OL	180600412	SC Simplex, 48 Fibre Adapter Plate, Unshuttered, MM - Beige
AFR-00611-AQ	180600413	SC Simplex, 48 Fibre Adapter Plate, Unshuttered, MM - Aqua
AFR-00612-EV	180600414	SC Simplex, 48 Fibre Adapter Plate, Unshuttered, MM - Erica Violet
AFR-00613-BL	180600415	LC Quad, 96 Fibre Adapter Plate, Unshuttered, SM - Blue
AFR-00614-GR	180600416	LC/APC Quad, 96 Fibre Adapter Plate, Unshuttered, SM - Green
AFR-00615-OL	180600417	LC Quad, 96 Fibre Adapter Plate, Unshuttered, MM - Beige
AFR-00616-AQ	180600418	LC Quad, 96 Fibre Adapter Plate, Unshuttered, MM - Aqua
AFR-00617-EV	180600419	LC Quad, 96 Fibre Adapter Plate, Unshuttered, MM - Erica Violet
AFR-00618-BL	180600420	SC Duplex, 24 Fibre Adapter Plate, Unshuttered, SM - Blue
AFR-00619-GR	180600421	SC/APC Duplex, 24 Fibre Adapter Plate, Unshuttered, SM - Green
AFR-00620-OL	180600422	SC Duplex, 24 Fibre Adapter Plate, Unshuttered, MM - Beige
AFR-00621-AQ	180600423	SC Duplex, 24 Fibre Adapter Plate, Unshuttered, MM - Aqua
AFR-00622-EV	180600424	SC Duplex, 24 Fibre Adapter Plate, Unshuttered, MM - Erica Violet
AFR-00623-BL	180600425	LC Quad, 48 Fibre Adapter Plate, Unshuttered, SM - Blue

Optical Fibre Solution Lightband™ Rack Mount Solutions



Adapter Plates (Loaded) continued

AFR-00624-GR	180600426	LC/APC Quad, 48 Fibre Adapter Plate, Unshuttered, SM - Green
AFR-00625-OL	180600427	LC Quad, 48 Fibre Adapter Plate, Unshuttered, MM - Beige
AFR-00626-AQ	180600428	LC Quad, 48 Fibre Adapter Plate, Unshuttered, MM - Aqua
AFR-00627-EV	180600429	LC Quad, 48 Fibre Adapter Plate, Unshuttered, MM - Erica Violet
AFR-00464-04	180600430	FC Simplex 24 Fibre Adapter Plate, SM
AFR-00465-04	180600431	FC Simplex 24 Fibre Adapter Plate, MM
AFR-00467-04	180600432	ST Simplex 24 Fibre Adapter Plate, SM/MM
AFR-00628-BL	180600433	SC Duplex, 36 Fibre Adapter Plate, Unshuttered, SM - Blue
AFR-00629-GR	180600434	SC/APC Duplex, 36 Fibre Adapter Plate, Unshuttered, SM - Green
AFR-00630-OL	180600435	SC Duplex, 36 Fibre Adapter Plate, Unshuttered, MM - Beige
AFR-00631-AQ	180600436	SC Duplex, 36 Fibre Adapter Plate, Unshuttered, MM - Aqua
AFR-00632-EV	180600437	SC Duplex, 36 Fibre Adapter Plate, Unshuttered, MM - Erica Violet
AFR-00633-BL	180600438	SC Simplex, 6 Fibre Adapter Plate, Unshuttered, SM - Blue
AFR-00634-GR	180600439	SC/APC Simplex, 6 Fibre Adapter Plate, Unshuttered, SM - Green
AFR-00635-OL	180600440	SC Simplex, 6 Fibre Adapter Plate, Unshuttered, MM - Beige
AFR-00636-AQ	180600441	SC Simplex, 6 Fibre Adapter Plate, Unshuttered, MM - Aqua
AFR-00637-EV	180600442	SC Simplex, 6 Fibre Adapter Plate, Unshuttered, MM - Erica Violet
AFR-00638-BL	180600443	LC Duplex, 12 Fibre Adapter Plate, Unshuttered, SM - Blue
AFR-00639-GR	180600444	LC/APC Duplex, 12 Fibre Adapter Plate, Unshuttered, SM - Green
AFR-00640-OL	180600445	LC Duplex, 12 Fibre Adapter Plate, Unshuttered, MM - Beige
AFR-00641-AQ	180600446	LC Duplex, 12 Fibre Adapter Plate, Unshuttered, MM - Aqua
AFR-00642-EV	180600447	LC Duplex, 12 Fibre Adapter Plate, Unshuttered, MM - Erica Violet
AFR-00643-BL	180600448	SC Duplex, 12 Fibre Adapter Plate, Unshuttered, SM - Blue
AFR-00644-GR	180600449	SC/APC Duplex, 12 Fibre Adapter Plate, Unshuttered, SM - Green
AFR-00645-OL	180600450	SC Duplex, 12 Fibre Adapter Plate, Unshuttered, MM - Beige
AFR-00646-AQ	180600451	SC Duplex, 12 Fibre Adapter Plate, Unshuttered, MM - Aqua
AFR-00647-EV	180600452	SC Duplex, 12 Fibre Adapter Plate, Unshuttered, MM - Erica Violet
AFR-00648-BL	180600453	LC Quad, 24 Fibre Adapter Plate, Unshuttered, SM - Blue
AFR-00649-GR	180600454	LC/APC Quad, 24 Fibre Adapter Plate, Unshuttered, SM - Green
AFR-00650-OL	180600455	LC Quad, 24 Fibre Adapter Plate, Unshuttered, MM - Beige
AFR-00651-AQ	180600456	LC Quad, 24 Fibre Adapter Plate, Unshuttered, MM - Aqua
AFR-00652-EV	180600457	LC Quad, 24 Fibre Adapter Plate, Unshuttered, MM - Erica Violet
AFR-00525-BL	180600274	SC Simplex, 6 Fibre Adapter Plate, Shuttered, SM - Blue
AFR-00525-GR	180600275	SC/APC Simplex, 6 Fibre Adapter Plate, Shuttered, SM - Green
AFR-00526-OL	180600276	SC Simplex, 6 Fibre Adapter Plate, Shuttered, MM - Beige
AFR-00526-AQ	180600277	SC Simplex, 6 Fibre Adapter Plate, Shuttered, MM - Aqua
AFR-00526-EV	180600383	SC Simplex, 6 Fibre Adapter Plate, Shuttered, MM - Erica Violet
AFR-00527-BL	180600278	LC Duplex, 12 Fibre Adapter Plate, Shuttered, SM - Blue
AFR-00527-GR	180600279	LC/APC Duplex, 12 Fibre Adapter Plate, Shuttered, SM - Green
AFR-00528-OL	180600280	LC Duplex, 12 Fibre Adapter Plate, Shuttered, MM - Beige
AFR-00528-AQ	180600281	LC Duplex, 12 Fibre Adapter Plate, Shuttered, MM - Aqua
AFR-00528-EV	180600385	LC Duplex, 12 Fibre Adapter Plate, Shuttered, MM - Erica Violet
AFR-00529-BL	180600282	SC Duplex, 12 Fibre Adapter Plate, Shuttered, SM - Blue
AFR-00529-GR	180600283	SC/APC Duplex, 12 Fibre Adapter Plate, Shuttered, SM - Green
AFR-00530-OL	180600284	SC Duplex, 12 Fibre Adapter Plate, Shuttered, MM - Beige
AFR-00530-AQ	180600285	SC Duplex, 12 Fibre Adapter Plate, Shuttered, MM - Aqua
AFR-00530-EV	180600384	SC Duplex, 12 Fibre Adapter Plate, Shuttered, MM - Erica Violet
AFR-00531-BL	180600286	LC Duplex, 24 Fibre Adapter Plate, Shuttered, SM - Blue
AFR-00531-GR	180600287	LC/APC Duplex, 24 Fibre Adapter Plate, Shuttered, SM - Green
AFR-00532-OL	180600288	LC Duplex, 24 Fibre Adapter Plate, Shuttered, MM - Beige
AFR-00532-AQ	180600289	LC Duplex, 24 Fibre Adapter Plate, Shuttered, MM - Aqua
AFR-00532-EV	180600386	LC Duplex, 24 Fibre Adapter Plate, Shuttered, MM - Erica Violet
AFR-00533-BL	180600290	SC Duplex, 24 Fibre Adapter Plate, Shuttered, SM - Blue
AFR-00533-GR	180600291	SC/APC Duplex, 24 Fibre Adapter Plate, Shuttered, SM - Green
AFR-00534-OL	180600292	SC Duplex, 24 Fibre Adapter Plate, Shuttered, MM - Beige
AFR-00534-AQ	180600293	SC Duplex, 24 Fibre Adapter Plate, Shuttered, MM - Aqua
AFR-00534-EV	180600387	SC Duplex, 24 Fibre Adapter Plate, Shuttered, MM - Erica Violet
AFR-00535-BL	180600294	LC Quad, 48 Fibre Adapter Plate, Shuttered, SM - Blue
AFR-00535-GR	180600295	LC/APC Quad, 48 Fibre Adapter Plate, Shuttered, SM - Green
AFR-00536-OL	180600296	LC Quad, 48 Fibre Adapter Plate, Shuttered, MM - Beige
AFR-00536-AQ	180600297	LC Quad, 48 Fibre Adapter Plate, Shuttered, MM - Aqua
AFR-00536-EV	180600388	LC Quad, 48 Fibre Adapter Plate, Shuttered, MM - Erica Violet

Optical Fibre Solution Lightband™ Rack Mount Solutions



1U Multi-Function Fibre Enclosure Accessories

Order No.	SAP No.	Description
AFR-00470	180600217	Universal Splice Tray, 24 Fibre with built in Cable Management, 1U Global Enclosure (Self Adhesive, 2 PC)
AFR-00472	180600219	Self Adhesive Cable Management Hub (3 PC)
KFR-00034	Consult Molex	Kevlar Retention Clamp (1 pc)
91.A0860	Consult Molex	Gland 4-8mm M20
91.A0870	Consult Molex	Gland 7.5-10mm M20
91.A0880	Consult Molex	Gland 9.5-13.2mm M20
91.A0890	Consult Molex	Gland 13-18mm M20
CSP-00030	Consult Molex	Mounting Adapter Screw (24 pack)



Specification Grade Fibre Enclosures

Specification Grade Fibre Optic Enclosures are configurable rack mount units used for storing and terminating incoming fibre cable. Designed to accommodate both the needs of the installer for the initial assembly and the end user for access, maintenance and fibre protection. Great care has gone into the design to protect fibre optic cables and patch cords from damage and to maintain stable optical integrity throughout the life and use of the enclosure.

- Standard 19" rack mount
- Lightweight, lockable, and removable aluminium hinged front and rear doors provide security
- Externally mounted cable strain relief bracket mounts to accommodate cable routing from above or below
- Labelling incorporated on hinged, drop-down metal front door
- 1U Fibre Enclosure - accommodates up to 4 6, 12 or 24 fibre plates, 4 ModLink™ Cassettes & 2 Splice Trays
- 2U Fibre Enclosure - accommodates up to 8 6, 12 or 24 fibre plates, 8 ModLink™ Cassettes & 8 Splice Trays
- 4U Fibre Enclosure - accommodates up to 24 6, 12 or 24 fibre plates, 24 ModLink™ Cassettes & 12 Splice Trays



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ModLink Cassettes
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Order No.	SAP No.	Description
RFR-00201	180370259	24-48 Port Specification Grade Fibre Enclosure - 1U
RFR-00202	180370260	48-96 Port Specification Grade Fibre Enclosure - 2U
RFR-00204	180660016	144-288 Port Specification Grade Fibre Enclosure - 4U
AFR-00222	180600069	Universal Splice Tray Carrier Kit
Accessories		
AFR-00222L	Consult Molex	Universal Splice Tray Mounting Bracket



601 Fibre Enclosure

The 601 Fibre series wall mount system interface products are compact units for fibre optics. Available in ST, Duplex SC and LC versions they provide either 6, 8 or 12 fibre ports. The 601 fibre enclosure has a low profile design and provides the proper internal fibre management to ensure the integrity of the optical network. There is also provision for a user supplied seal for added security.

- Compact unit - 184mm x 127mm x 38mm
- Up to 24 Ports
- Available in Singlemode and Multimode fibre versions
- Available in ST, Duplex SC & LC versions
- Top, bottom and rear access

Order No.	SAP No.	Description
WFR-00010-02	180970009	6 Port ST 601 Enclosure, Multimode
WFR-00011-02	180970010	6 Port ST 601 Enclosure, Singlemode
WFR-00015-02	180970011	24 Port MTP 601 Enclosure, Singlemode/Multimode
WFR-00025-02	180970013	8 Port ST 601 Enclosure, Multimode
WFR-00026-02	180970014	8 Port ST 601 Enclosure, Singlemode
WFR-00028-02	180970016	8 Port Duplex SC 601 Enclosure, Multimode
WFR-00029-02	180970017	8 Port Duplex SC 601 Enclosure, Singlemode
WFR-00031-02	180970008	12 Port MT-RJ 601 Enclosure, Singlemode/Multimode
WFR-00034-02	180970073	12 Port LC 601 Enclosure, Multimode
WFR-00035-02	180970080	12 Port LC 601 Enclosure, Singlemode

Optical Fibre Solution Lightband™ Management Systems Rack Mount Solutions



24 Port Configurable Fibre Drawer

The Molex 24 Port Configurable Fibre drawer is a 1U rack mount unit for storing and terminating incoming fibre cable. Designed with a sliding door for easy fibre access each drawer accommodates our vast range of 6-Pak Plates, enabling the user to configure their fibre system to suit all fibre applications. A lockable version is available for installations where security is paramount.

- 1U Standard 19" rack mount
- Configurable, fits up to four 6-Pak Plates/ Angled 6-Pak Plates
- Management rings within enclosure to accommodate excess fibre cordage behind the through adapters and maintain fibre bend radius
- Accommodates Singlemode and Multimode fibres
- Adhesive labelling for port identification
- Sliding drawer for ease of re-configuring fibres
- Accommodates 2 x 12 fibre Splice Trays
- RoHS Compliant



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Order No.	SAP No.	Description
RFR-00082	180370098	24 Port Configurable Fibre Sliding Drawer - Unloaded
17.B155G	180080015	24 Port Configurable Fibre Sliding Drawer-Lockable - Unloaded

Suffix "-I" indicates parts with MRP label.



Swing-out Fibre Panel Chassis

The Swing-Out Patch Panel is a light-weight, robust fibre optic patch panel that offers an economic alternative to metal fibre enclosures. Designed for the installation of up to 48 standard optic fibres, the lower tray pivots enabling access to the pre-formed fibre and splice management areas for easy cable dressing and installation. The panel is fully configurable with Molex's range of factory assembled interchangeable front plates.

- 1U Standard 19" rack mount
- Manufactured from high-strength, light-weight UL94 V-0 rated material
- Accommodates interchangeable front plates that are fully loaded with adapters
- All fibres positively managed to 30mm minimum bend radius
- Bottom half of panel pivots out for access to splice tray and pigtail routing area
- No additional cable management accessories required
- Stackable splice bay allows for easy upgrade of splicing capacity
- RoHS Compliant

Order No.	SAP No.	Description
RFR-00205	180660017	Swing-out Fibre Panel Chassis, 1U - Unloaded
KFR-00037	182680002	Bend Limiting Tube 435mm (pack of 20)
KFR-00038	182680003	Front Plate Labels (pack of 20)



LI-24

The LI-24 is a convenient wall mount cabinet for terminating and protecting up to 24 optical fibres in very little space. It accepts up to four 6-Pak Adapter Plates, providing a configurable unit for a variety of connector types.

- Up to 24 Ports
- RoHS Compliant
- Configurable using 6-Pak Plates/Angled 6-Pak Plates

The LI-24 is constructed of heavy gauge steel with a graphite grey powder coat finish. Optional clear Lexan patch cord protection shield is also available.

Order No.	SAP No.	Description
15.B016G	180280004	LI-24 - Graphite Grey
30.B0330	180280009	Patch Cord Protection Shield

Optical Fibre Solution Lightband™ Management Systems Rack Mount Solutions



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WR12 Fixed Fibre Enclosures

The WR12 range of fibre enclosures can be used for wall mount (isolated) or rack mount (integrated) applications. The enclosures can be mounted flush or recessed in 19" cabinet/ wall rack accommodation, allow rear, side and base access for Incoming/Outgoing cables and have internal management rings maintain fibre bend radius.

- Standard 19" rack mount
- Wall mountable with either left or right vertical presentation of fibre through adapters
- Removable lid also affords protection to the interfacing patch cords (Lid is fixed with screws)
- Designed to accommodate ST, Simplex SC, Duplex SC, MT-RJ & LC adapters

Order No.	SAP No.	Description
17.C101G	180100001	WR12 Fibre Enclosure, ST Aperture - Unloaded
17.C102G	180100002	WR12 Fibre Enclosure, Duplex SC Aperture - Unloaded
RFR-00076	182080003	WR12 Fibre Enclosure, MT-RJ Aperture - Unloaded
RFR-00176	180370251	WR12 Fibre Enclosure, Simplex SC/LC Aperture - Unloaded
Accessories		
17.C103G	180100003	WR12 Blank Fascia
17.C104G	180100004	WR12 Rack Mount Ears
AFR-00174	180600091	Duplex SC Blank, Kit of 3 - Black
AFR-00175	Consult Molex	ST Blank, Kit of 6 - Black

Suffix "-I" indicates parts with MRP label.



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WR24 Fixed Fibre Enclosures

The WR24 range of fibre enclosures can be used for wall mount (isolated) or rack mount (integrated) applications. The enclosures can be mounted flush or recessed in 19" cabinet/ wall rack accommodation, allow rear, side and base access for Incoming/Outgoing cables and have internal management rings maintain fibre bend radius.

- Standard 19" rack mount
- Wall mountable with either left or right vertical presentation of fibre through adapters
- Removable lid also affords protection to the interfacing patch cords (Lid is fixed with screws)
- Designed to accommodate ST, Simplex SC, Duplex SC, MT-RJ & LC adapters

Order No.	SAP No.	Description
17.C130G	180100007	WR24 Fibre Enclosure, ST Aperture - Unloaded
17.C139G	180100005	WR24 Fibre Enclosure, Duplex SC Aperture - Unloaded
RFR-00077	182080004	WR24 Fibre Enclosure, MT-RJ Aperture - Unloaded
RFR-00177	180370252	WR24 Fibre Enclosure, Simplex SC/LC Aperture - Unloaded
Accessories		
17.C149G	180100012	WR24 Blank Fascia
17.C148G	180100006	WR24 Rack Mount Ears
AFR-00174	180600091	Duplex SC Blank, Kit of 3 - Black
AFR-00175	Consult Molex	ST Blank, Kit of 6 - Black

Suffix "-I" indicates parts with MRP label.



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WR48 Fixed Fibre Enclosures

The WR48 range of fibre enclosures can be used for wall mount (isolated) or rack mount (integrated) applications. The enclosures can be mounted flush or recessed in 19" cabinet/ wall rack accommodation, allow rear, side and base access for Incoming/Outgoing cables and have internal management rings maintain fibre bend radius.

- Standard 19" rack mount
- Wall mountable with either left or right vertical presentation of fibre through adapters
- Removable lid also affords protection to the interfacing patch cords (Lid is fixed with screws)
- Designed to accommodate ST, Simplex SC, Duplex SC, MT-RJ & LC adapters

Order No.	SAP No.	Description
RFR-00078	182080005	WR48 Fibre Enclosure, Duplex SC Aperture - Unloaded
RFR-00178	180370253	WR48 Fibre Enclosure, Simplex SC/LC Aperture - Unloaded
Accessories		
RFR-00080	0182080007	WR48 Rack Mount Ears
AFR-00174	180600091	Duplex SC Blank, Kit of 3 - Black
AFR-00175	Consult Molex	ST Blank, Kit of 6 - Black

Suffix "-I" indicates parts with MRP label.

Optical Fibre Solution

Lightband™

Xtreme Density System Gen II



XFR-10192



24 Port LC Cassette



XFR-10144

Xtreme Density System Gen II

The Molex High Density Fibre Enclosures are designed for high density applications such as data centres, central offices or any other situation where high performing, high density and quick installation is required. The enclosures are available in two models, the 144 Fibre Enclosure and the class leading 192 Fibre Enclosure.

This innovative, robust, easy assemble and maintenance 1RU fibre enclosure has been designed for a MTP/MPO LC interface. This excellent space saving solution is ideal for network consolidation as its modular, scalable design provides flexibility for network partitioning and future growth. The rack mounted enclosure has been manufactured using durable powder/ liquid coated steel construction ensures years of reliable service. The 19-inch chassis fits industry-standard EIA, ETSI and WECO rack mountable. The 1RU height conserves valuable rack space maximizing "real estate". Quick Release pins on the enclosure front allows easy access as well as patch cord protection. Molex recommends our Bend Insensitive Uniboot Long Reach patch cords for ensuring correct fibre bend radius, lower cable weight and better cable management. These leads feature a long reach tab that allows for easy moves, adds and changes.

- 192 LC Ports, 8 cassettes and supply 1 MTP/MPO and 24 LC Ports breakout in each cassette
- 144 LC Ports, 12 cassettes and supply 1 MTP/MPO and 12 LC Ports breakout in each cassette
- Designed for 10G/40G/100G system migration
- Applied quad LC adapter or MTP/MPO adapter on adapter panel or cassette
- Combined with bend insensitive uniboot patch cords for maximum density and reliability
- Special guide PIN design made cassette easily plug and draw out
- Removable top cover providing easy access to the interior

Order No.	SAP No.	Description
XFR-10144	Consult Molex	HD 1 RU Enclosure 12x12F Cassette Capacity MPO/LC 144F
XFR-10192	Consult Molex	Xtreme Density 1 RU Enclosure 8x24F Cassette Capacity MPO/LC 192 F
XFR-14401	Consult Molex	HD 12F Cassette Capacity MPO/LC OS2 Low Loss
XFR-14402	Consult Molex	HD 12F Cassette Capacity MPO/LC OM3 Low Loss
XFR-14403	Consult Molex	HD 12F Cassette Capacity MPO/LC OM4 Low Loss
XFR-19201	Consult Molex	Xtreme Density 24F Cassette Capacity MPO/LC OS2 Low Loss
XFR-19202	Consult Molex	Xtreme Density 24F Cassette Capacity MPO/LC OM3 Low Loss
XFR-19203	Consult Molex	Xtreme Density 24F Cassette Capacity MPO/LC OM4 Low Loss
XCD-20001	Consult Molex	LC-LC OS1/2 LS0H 1M Long Reach Optical Fibre Patch Cord
XCD-20001.5	Consult Molex	LC-LC OS1/2 LS0H 1.5M Long Reach Optical Fibre Patch Cord
XCD-20002	Consult Molex	LC-LC OS1/2 LS0H 2M Long Reach Optical Fibre Patch Cord
XCD-20003	Consult Molex	LC-LC OS1/2 LS0H 3M Long Reach Optical Fibre Patch Cord
XCD-20005	Consult Molex	LC-LC OS1/2 LS0H 5M Long Reach Optical Fibre Patch Cord
XCD-20010	Consult Molex	LC-LC OS1/2 LS0H 10M Long Reach Optical Fibre Patch Cord
XCD-30001	Consult Molex	LC-LC OM3 LS0H 1M Long Reach Optical Fibre Patch Cord
XCD-30001.5	Consult Molex	LC-LC OM3 LS0H 1.5M Long Reach Optical Fibre Patch Cord
XCD-30002	Consult Molex	LC-LC OM3 LS0H 2M Long Reach Optical Fibre Patch Cord
XCD-30003	Consult Molex	LC-LC OM3 LS0H 3M Long Reach Optical Fibre Patch Cord
XCD-30005	Consult Molex	LC-LC OM3 LS0H 5M Long Reach Optical Fibre Patch Cord
XCD-30010	Consult Molex	LC-LC OM3 LS0H 10M Long Reach Optical Fibre Patch Cord
XCD-40001	Consult Molex	LC-LC OM4 LS0H 1M Long Reach Optical Fibre Patch Cord
XCD-40001.5	Consult Molex	LC-LC OM4 LS0H 1.5M Long Reach Optical Fibre Patch Cord
XCD-40002	Consult Molex	LC-LC OM4 LS0H 2M Long Reach Optical Fibre Patch Cord
XCD-40003	Consult Molex	LC-LC OM4 LS0H 3M Long Reach Optical Fibre Patch Cord
XCD-40005	Consult Molex	LC-LC OM4 LS0H 5M Long Reach Optical Fibre Patch Cord
XCD-40010	Consult Molex	LC-LC OM4 LS0H 10M Long Reach Optical Fibre Patch Cord

Fibre Optic Solution

Lightband™

Adapter Plates



6 Fibre Adapter Plates

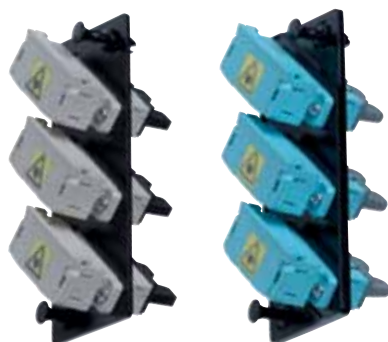
6 Fibre Adapter Plates fit directly into most Molex fibre management enclosures and are compatible with the Modular Splice Cassette housing and Lid (AFR-00380). The simple design requires no tooling as the plates install with a simple snap rivet.

- RoHS Compliant
- Accommodates 6 or 12 fibres
- Available in Singlemode & Multimode versions
- For use within Molex's Fibre Management Systems
- Compatible with the Modular Splice Cassette housing and Lid (AFR-00380)

Order No.	SAP No.	Description
AFR-00357	180600135	ST 6 Fibre SM Adapter Plate
AFR-00358	180600136	SC Duplex 6 Fibre SM Adapter Plate - Blue
AFR-00360	180600138	SC Duplex 6 Fibre MM Adapter Plate - Beige
AFR-00363	180600141	6 Fibre Blank Plastic pack of 4
AFR-00364	180600142	ST 6 Fibre Adapter Plate unloaded
AFR-00371	180600149	ST 6 Fibre MM Adapter Plate
AFR-00372	180600150	SC Duplex 6 Fibre MM OM3 Adapter Plate - Aqua
AFR-00372-EV	180600307	SC Duplex 6 Fibre MM OM4 Adapter Plate - Erica Violet



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6 Fibre Shuttered Adapter Plates

6 Fibre Shuttered Adapter Plates fit directly into most Molex fibre management enclosures. The simple design requires no tooling as the plates install with a simple snap rivet. Shuttered 6 Fibre Plates feature Molex's unique shuttered technology which protects installers and end users from LED/Laser light emissions.

- RoHS Compliant
- Accommodates 6 or 12 fibres
- Available in Singlemode & Multimode versions
- For use within Molex's Fibre Management Systems
- Unique shuttered feature protects from harmful light emissions

Order No.	SAP No.	Description
86117-1401	861171401	6 Fibre Shuttered MT-RJ Adapter Plate, Singlemode/Multimode
AFR-00114	182080069	6 Fibre Shuttered Duplex ST-SC Adapter Plate, Singlemode
AFR-00116	180600040	6 Fibre Shuttered Duplex ST-SC Adapter Plate, Multimode
AFR-00118	180600042	6 Fibre Shuttered Duplex SC Adapter Plate, Singlemode
AFR-00120	180600044	6 Fibre Shuttered Duplex SC Adapter Plate, Multimode
AFR-00229	180600100	6 Fibre Shuttered SC/APC Adapter Plate, Singlemode
AFR-00311	180600078	6 Fibre Shuttered Duplex SC Adapter Plate, Multimode OM3



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6 Fibre Angled Adapter Plates

Angled 6 Fibre SC Adapter Plates fit directly into most Molex fibre management enclosures. The simple design requires no tooling as the plates install with a simple snap rivet, making installation and changes simple. Adapters on Angled 6 Fibre Plates are fixed at a 30 degree angle to protect installers and end users from LED/Laser light emissions.

- RoHS Compliant
- Accommodates 6 fibres
- Available with Duplex SC and ST adapters
- Available in Singlemode & Multimode versions
- For use within Molex's Fibre Management Systems
- Angled design assists with maintaining the correct fibre bend radius

Order No.	SAP No.	Description
AFR-00182	180600129	6 Fibre Angled Duplex SC Adapter Plate, Multimode
AFR-00182-EV	180600310	6 Fibre Angled Duplex SC Adapter Plate, OM4 MM - Erica Violet
AFR-00183	180600116	6 Fibre Angled Duplex SC Adapter Plate, Singlemode
AFR-00185	180600131	6 Fibre Angled ST Adapter Plate, Singlemode
AFR-00186	180600132	6 Fibre Angled Duplex SC-ST Adapter Plate, Multimode
AFR-00187	180600133	6 Fibre Angled Duplex SC-ST Adapter Plate, Singlemode



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Fibre Optic Solution

Lightband™

Adapter Plates



12 Fibre Adapter Plates

12 Fibre Adapter Plates fit directly into most Molex fibre management enclosures. The simple design requires no tooling as the plates install with a simple snap rivet.

- RoHS Compliant
- Accommodates 12 fibres
- Available in Singlemode & Multimode versions
- For use within Molex's Fibre Management Systems

Order No.	SAP No.	Description
AFR-00365	180600143	LC Duplex 12 Fibre SM Adapter Plate - Blue
AFR-00366	180600144	LC Duplex 12 Fibre MM Adapter Plate - Beige
AFR-00376	Consult Molex	LC Duplex 12 Fibre MM OM3 Adapter Plate - Aqua
AFR-00376-EV	180600305	LC Duplex 12 Fibre Adapter Plate, Multimode - Erica Violet
AFR-00362	180600140	SC Duplex 12 Fibre Adapter Plate, Multimode - Beige
AFR-00368	180600146	SC Duplex 12 Fibre Adapter Plate, Singlemode - Blue
AFR-00374	180600152	SC Duplex 12 Fibre Adapter Plate, Multimode OM3 - Aqua
AFR-00501	180600247	SC Duplex 12 Fibre Adapter Plate, Multimode OM4 - Erica Violet



12 Fibre Shuttered Adapter Plates

12 Fibre Shuttered Adapter Plates fit directly into most Molex fibre management enclosures. The simple design requires no tooling as the plates install with a simple snap rivet. Shuttered 12 fibre plates feature Molex's unique shuttered technology which protect installers and end users from LED/Laser light emissions.

- RoHS Compliant
- Accommodates 12 fibres
- Available in Singlemode & Multimode versions
- For use within Molex's Fibre Management Systems
- Unique shuttered feature protects from harmful light emissions

Order No.	SAP No.	Description
AFR-00370	180600148	LC Quad 12 Fibre MM Adapter Plate - Beige
AFR-00369	180600147	LC Quad 12 Fibre SM Adapter Plate - Blue
AFR-00375	180600153	LC Quad 12 Fibre MM OM3 Adapter Plate - Aqua
AFR-00375-EV	180600306	LC Quad 12 Fibre MM OM4 Adapter Plate - Erica Violet



24 Fibre Adapter Plates

24 Fibre Adapter Plates fit directly into most Molex fibre management enclosures. The simple design requires no tooling as the plates install with a simple snap rivet.

- RoHS Compliant
- Accommodates 24 fibres
- Available in Singlemode & Multimode versions
- For use within Molex's Fibre Management Systems

Order No.	SAP No.	Description
AFR-00377	180600155	LC Quad 24 Fibre MM OM1 Adapter Plate - Beige
AFR-00378	180600156	LC Quad 24 Fibre MM OM3 Adapter Plate - Aqua
AFR-00379	180600157	LC Quad 24 Fibre SM OS1 Adapter Plate - Blue
AFR-00502	180600248	LC Quad 24 Fibre MM OM4 Adapter Plate - Erica Violet

Fibre Optic Solution
Lightband™
Adapter Plates

High Density MPO/MTP Adapter Plate

Molex's high density MPO/MTP Adapter Plates are a modular platform that are compatible with various Molex Enclosures.



- Six Adapters
- 72 Fibre density
- Snap rivets, allowing for easy installation and removal
- Upgradeable/reusable - Aqua: 1/10/40GB compatible, Green: 1G/10/40/100GB compatible
- Colour coded for ease of system separation
- 100% factory tested

Order No.	SAP No.	Description
AFR-00422-04	Consult Molex	72 Fibre MPO/MTP Adapter Plate - Black
AFR-00422-0L	Consult Molex	72 Fibre MPO/MTP Adapter Plate - Beige
AFR-00422-0J	Consult Molex	72 Fibre MPO/MTP Adapter Plate - Green
AFR-00422-AQ	Consult Molex	72 Fibre MPO/MTP Adapter Plate - Aqua
AFR-00422-BL	Consult Molex	72 Fibre MPO/MTP Adapter Plate - Blue
AFR-00422-08	Consult Molex	72 Fibre MPO/MTP Adapter Plate - Grey

Fibre Optic Solution

Lightband™

Splicing



Modular Splice Cassettes

Molex's Modular Splice Cassette is an excellent way of managing vulnerable fibre optics, protecting them from dust and damage as a result of routine maintenance. The modular design is upgradeable and reusable. The Cassette is available in a number of pre-loaded kits or in an unloaded configuration.

- Fully integrated into Molex's Specification Grade Enclosures
- Maximises density - maximum 24 fibre capacity
- Provides perfect bend radius for splices
- Integrated cable management - prevents damage

Order No.	SAP No.	Description
AFR-00340	183190000	Modular Splice Cassette 6 Fibre Singlemode OS1 Duplex SC
AFR-00341	183190001	Modular Splice Cassette 6 Fibre Multimode OM1 Duplex SC
AFR-00342	183190002	Modular Splice Cassette 6 Fibre Multimode OM2 Duplex SC
AFR-00343	183190003	Modular Splice Cassette 6 Fibre Multimode OM3 Duplex SC
AFR-00344	183190004	Modular Splice Cassette 12 Fibre Singlemode OS1 Duplex SC
AFR-00345	183190005	Modular Splice Cassette 12 Fibre Multimode OM1 Duplex SC
AFR-00346	Consult Molex	Modular Splice Cassette 12 Fibre Multimode OM2 Duplex SC
AFR-00347	183190007	Modular Splice Cassette 12 Fibre Multimode OM3 Duplex SC
AFR-00348	183190008	Modular Splice Cassette 12 Fibre Singlemode OS1 Duplex LC
AFR-00349	183190009	Modular Splice Cassette 12 Fibre Multimode OM1 Duplex LC
AFR-00350	183190010	Modular Splice Cassette 12 Fibre Multimode OM2 Duplex LC
AFR-00351	183190011	Modular Splice Cassette 12 Fibre Multimode OM3 Duplex LC
AFR-00352	183190012	Modular Splice Cassette 24 Fibre Singlemode OS1 Quad LC
AFR-00353	183190013	Modular Splice Cassette 24 Fibre Multimode OM1 Quad LC
AFR-00354	183190014	Modular Splice Cassette 24 Fibre Multimode OM2 Quad LC
AFR-00355	183190015	Modular Splice Cassette 24 Fibre Multimode OM3 Quad LC
AFR-00382	183190017	Modular Splice Cassette 6 Fibre Singlemode OS1 ST
AFR-00383	183190018	Modular Splice Cassette 6 Fibre Multimode OM1 ST
AFR-00384	183190019	Modular Splice Cassette 6 Fibre Multimode OM2 ST
AFR-00380	183190016	Modular Splice Cassette Housing and Lid
AFR-00337	180690053	12 Fibre Fusion Splice Holder
AFR-00486	183190034	Modular Splice Cassette 6 Fibre OM4 Duplex SC - Erica Violet
AFR-00486L	183190035	Modular Splice Cassette 6 Fibre OM4 Duplex SC Low Loss - Erica Violet
AFR-00487	183190039	Modular Splice Cassette 12 Fibre OM4 Duplex SC - Erica Violet
AFR-00487L	183190040	Modular Splice Cassette 12 Fibre OM4 Duplex SC Low Loss - Erica Violet
AFR-00488	183190044	Modular Splice Cassette 12 Fibre OM4 Duplex LC - Erica Violet
AFR-00488L	183190045	Modular Splice Cassette 12 Fibre OM4 Duplex LC Low Loss - Erica Violet
AFR-00489	183190049	Modular Splice Cassette 24 Fibre OM4 Quad LC - Erica Violet
AFR-00489L	183190050	Modular Splice Cassette 24 Fibre OM4 Quad LC Low Loss - Erica Violet
AFR-00503	183190070	Modular Splice Cassette 6 Fibre OM4 Duplex SC - Aqua
AFR-00503L	183190071	Modular Splice Cassette 6 Fibre OM4 Duplex SC Low Loss - Aqua
AFR-00504	183190072	Modular Splice Cassette 12 Fibre OM4 Duplex SC - Aqua
AFR-00504L	183190073	Modular Splice Cassette 12 Fibre OM4 Duplex SC Low Loss - Aqua
AFR-00505	183190074	Modular Splice Cassette 12 Fibre OM4 Duplex LC - Aqua
AFR-00505L	183190075	Modular Splice Cassette 12 Fibre OM4 Duplex LC Low Loss - Aqua
AFR-00506	183190076	Modular Splice Cassette 24 Fibre OM4 Quad LC - Aqua
AFR-00506L	183190077	Modular Splice Cassette 24 Fibre OM4 Quad LC Low Loss - Aqua



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Fibre Optic Solution Lightband™ Splicing



Universal Splice Trays

The Universal Splice Tray is a configurable enclosure for both mechanical and fusion splices. Loose tube cable is routed into and out of the tray through adjustable tube grips located at each corner. Grips eliminate the need for cable ties and can be tightened and loosened preventing over-compression of the loose tube cable.

- Accepts mechanical and fusion splices
- Adjustable grips on each corner
- Prevents over-compression of the loose tube cable
- Accommodates up to 12 splices



Order No.	SAP No.	Description
AFR-00334	180690050	5 Fibre Mechanical Splice Holder - AFR-00336
AFR-00335	180690051	6 Fibre Fusion Splice Holder - AFR-00336
AFR-00336	180690052	Universal Splice Tray - 24 Fibres - RFR-00201/2/4
AFR-00337	180690053	12 Fibre Fusion Splice Holder - AFR-00336
AFR-00470	180600217	Universal Splice Tray, 24 Fibre with built in Cable Management, 1U Global Enclosure (Self Adhesive, 2 PC)



Splice Trays

The Splice Tray is a configurable enclosure for fusion splices. Loose tube cable is routed into and out of the tray through tube grips located at each corner. Grips eliminate the need for cable ties and can be tightened and loosened preventing over-compression of the loose tube cable.

- Accepts fusion splices
- Accommodates up to 24 splices

Order No.	SAP No.	Description
AFR-00190	181740009	24 Fibre Fusion Splice Holder
AFR-00470	180600217	Universal Splice Tray, 24 Fibre with built in Cable Management, 1U Global Enclosure (Self Adhesive, 1 pc)



Fusion Splice Protectors

Fusion Splice Protectors are available in two lengths - 61mm and 45mm, while offering an installed outside diameter of only 2.4mm. Each Splice protector is reinforced by a stainless steel pin to BS2056 302 S26 specification, thus ensuring the maximum possible protection for the delicate fusion splices.

- Steel pin reinforcement
- 2.4mm outside diameter
- Colour: Transparent
- Two lengths available 45mm and 61mm
- RoHS Compliant

Order No.	SAP No.	Description
KFR-00008	180600025	45mm Fusion Splice Protector
KFR-00009	180600026	61mm Fusion Splice Protector



Fibre optic Breakout Kits

Fibre Optic Breakout Kits are for use on multi-fibres-per-tube loose tube cables to modify the cable for direct termination. Each kit breaks out 250µm fibres from a multi-fibre loose tube into individual 900µm buffer tubes. The fibres can then be terminated using the connector manufacturer's recommended termination procedures for 900µm tight buffered fibres. Each kit is individually packaged in a sealed plastic bag.

- Available in 4, 6, 8 and 12 fibre versions
- Compact design
- RoHS Compliant

Order No.	SAP No.	Description
91.B0610	0180600022	4 Fibres Per Tube Breakout Kit
91.B0620	0180600023	6 Fibres Per Tube Breakout Kit
91.B0630	0180580057	8 Fibres Per Tube Breakout Kit
91.B0640	0182080065	12 Fibres Per Tube Breakout Kit

Fibre Optic Solution Lightband™ Fibre-To-The-Desk



Single Bezel SC Modules

Designed for use within the Molex Synergy range of wallplates and surface blocks, SC jacks are available in five colours and provide Singlemode and Multimode performance.

- RoHS Compliant
- Available in Singlemode & Multimode versions
- Designed to fit into Synergy, Streamline, Signature & USO II system of wallplates and surface blocks
- Available in five colours
- SC adapter available with or without shutter
- DataGate footprint



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Order No.	SAP No.	Description
MSY-00018-**	Consult Molex	Simplex Shuttered SC Module, Singlemode/Multimode

** Colour Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey



Single Bezel LC Modules

Designed for use within the Molex Synergy range of wallplates and surface blocks, LC modules are available in five colours and provide Singlemode and Multimode performance.

- RoHS Compliant
- Available in Singlemode & Multimode versions
- Designed to fit into Synergy, Streamline, Signature & USO II system of wallplates and surface blocks
- Available in five colours
- DataGate footprint



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Order No.	SAP No.	Description
MSY-00040-**	Consult Molex	Single LC Module, Singlemode/Multimode

** Colour Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey



Single Bezel ST Modules

Designed for use within the Molex Synergy range of wallplates and surface blocks, ST jacks are available in five colours and provide Singlemode and Multimode performance.

- RoHS Compliant
- Available in Singlemode & Multimode versions
- DataGate footprint
- Available in five colours



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Order No.	SAP No.	Description
MSY-00003-**	Consult Molex	Single ST Module, Singlemode/Multimode

** Colour Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Grey

Fibre Optic Solution Lightband™ Fibre-To-The-Desk



50 x 50mm Angled Modules

50 x 50mm Angled modules ensure that correct bend radius is maintained in a fibre-to-the-desk environment and feature shuttered adapters, protecting the user from harmful light emissions.

- Available in Singlemode & Multimode versions
- Permits a 30mm bend radius
- For use within Euromod and USO II System of Wallplates

Order No.	SAP No.	Description
MEU-00005-02	184000314	Angled ST Module, Multimode - 4 Adapters
MEU-00006-02	Consult Molex	Angled ST Module, Singlemode - 4 Adapters
MEU-00007-02	Consult Molex	Angled ST Module, Multimode - 2 Adapters
MEU-00009-02	181210016	Angled Shuttered Duplex SC Module, Multimode -2 Adapters
MEU-00010-02	182620000	Angled Shuttered Duplex SC Module, Singlemode -2 Adapters
MEU-00011-02	Consult Molex	Angled Shuttered Duplex SC Module, Multimode -1 Adapter
MEU-00012-02	Consult Molex	Angled Shuttered Duplex SC Module, Singlemode -1 Adapter
MEU-00013-02	182620001	Angled Shuttered Duplex SC-ST Module, Multimode - 2 Adapters
MEU-00014-02	182620002	Angled Shuttered Duplex SC-ST Module, Singlemode - 2 Adapters
MEU-00048-02	181210017	Angled Shuttered LC, Singlemode - 2 Adapters
MEU-00049-02	182620005	Angled Shuttered LC, Multimode - 2 Adapters



25 x 50mm Modules

25 x 50mm modules provide a Singlemode or Multimode solution, supporting SC, ST and LC fibre technology.

- Available in Singlemode & Multimode versions
- For use within USO II System of Wallplates
- For use within WM-12 wall mount fibre management system

Order No.	SAP No.	Description
17.A0162	0181210015	25 x 50mm Duplex SC Module, Multimode - 1 Adapter
17.A0172	0181210014	25 x 50mm Duplex SC Module, Singlemode - 1 Adapter
17.A0182	0182620006	25 x 50mm Duplex SC-ST Module, Multimode - 1 Adapter
17.A0192	0182620007	25 x 50mm Duplex SC-ST Module, Singlemode - 1 Adapter
17.A0202	0184000467	25 x 50mm Shuttered Duplex SC Module, Multimode - 1 Adapter
17.A0212	0184000466	25 x 50mm Shuttered Duplex SC Module, Singlemode - 1 Adapter
17.A0222	0182620008	25 x 50mm Shuttered Duplex SC-ST Module, Multimode - 1 Adapter
MEU-00029-02	0181490006	25 x 50mm LC Module, Singlemode - 2 Adapters
MEU-00067-02	0182620012	25 x 50mm LC Module, Multimode - 2 Adapters



Fibre Management Backbox

The Fibre Management Backbox provides enough space for direct termination or splicing of up to eight fibres and is designed to maintain the minimum bend radius requirements for fibre optic cable when used in conjunction with Euromod Angled Modules.

This product is also suitable for applications which require copper modules and can accommodate up to two flat Euromod PowerCat or secondary voice modules as well as four fibres. It is packaged complete with threaded inserts for trunking applications and adhesive strip for mounting in a surface mount backbox.

- Fits inside 32mm UK standard double gang backbox for surface mount applications
- Up to 8 fusion splices can be accommodated securely
- Provides storage for up to 8m of 900µm tight buffered fibre
- Correct bend radius maintained when used with angled modules
- No additional backbox required for trunking applications
- Mixed media capability

Order No.	SAP No.	Description
WFR-00044-02	Consult Molex	Fibre Management Backbox





Connecting Data >
Connecting Users
Delivering Reliability

molex®

Mission critical applications Simply Solved >



ModLink is an ideal solution for mission critical applications, where fast installation is paramount and reconfigurations are frequent or managed in-house.

A viable tool for rapid deployment of an alternate data recovery system. In the event of damage or failure to a vital fibre backbone, the link can be quickly re-established without the need of technicians.



Pre-Terminated Solutions

Product Features

Compactly sized, individual ModLink cassettes simply click into Molex's range of rack mount fibre management panels and enclosures, providing up to 96 ports in a 1U rack space. They offer front port identification plus labelling field on the cassette top for fibre documentation. Cables utilise OFNP or LS0H rated round loose tube cable featuring a flexible outer jacket that is easy to bend, route and install.

Supports all major fibre connector technologies

The ModLink system is available to support LC, SC, or MT-RJ fibre connectivity. Providing up to 24 fibre ports in each cassette, the SC and LC range are designed to adhere to TIA/EIA 568-C.3, ISO/IEC 11801 and AS/NZS 3080 international fibre performance standards, the ModLink system supports OM1, OM2, OM3, OM4, OS1 and OS2 fibre applications

ModLink Cassettes

ModLink Cassettes provide a cost-effective, quick and easy fibre system, for backbone and to-the-desk applications. 12 and 24 Port LC ModLink Cassettes provide premium factory-controlled optical performance, enabling flexible system configuration and fast, economical installation. The cassettes are low loss ready, ideal for 40G/100G providing consistent and error free performance. Simply plug the cable into the rear of the unit and the link is operational - an excellent solution for fast-track installations.



ModLink Cables

ModLink LS0H and OFNP rated cables are factory terminated on both ends with multi-fibre MTP® connectors for maximum fibre density. The round, flexible outer jacket is easy to bend, route and install. The cable offers standard and industry-leading low insertion loss (0.35dB maximum insertion loss for laser optimised OM3/4 cables and OS1/2 cables, 0.10dB typical) varieties. ModLink advanced fibre optic cables are 100% tested.



Pre-Terminated Solutions

ModLink™ Fibre

Plug & Play



12 Port LC ModLink Cassettes

ModLink Cassettes provide a cost-effective, quick and easy fibre system, for backbone and to-the-desk applications. 12 Port LC ModLink Cassettes provide premium factory-controlled optical performance, enabling flexible system configuration and fast, economical installation. Simply plug the cable into the rear of the unit and the link is operational - an excellent solution for fast-track installations.

- Self-contained fibre optic patching enclosures convert the MTP/MPO interface to a standard LC, SC, MT-RJ or ST coupler
- Industry-leading low insertion loss for OS1/2, OM3 & and OM4 Cassettes
- Available in Singlemode & Multimode versions
- Front port identification plus labelling field on cassette top for fibre documentation
- For use within Molex's Fibre Management Systems

Order No.	SAP No.	Description
MLCDSC12OS2L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OS1/2 Singlemode
MLCMTR12OS2L	Consult Molex	12 Port ModLink Cassette, MTRJ, OS1/2 Singlemode
MLCDLC12OS2L	Consult Molex	12 Port ModLink Cassette, Duplex LC, OS1/2 Singlemode
MLCQLC12OS2L	Consult Molex	12 Port ModLink Cassette, Quad LC, OS1/2 Singlemode
MLCDSC12OM1	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM1 62.5µm Multimode
MLCMTR12OM1	Consult Molex	12 Port ModLink Cassette, MT-RJ, OM1 62.5µm Multimode
MLCDLC12OM1	0181810142	12 Port ModLink Cassette, Duplex LC, OM1 62.5µm Multimode
MLCQLC12OM1	0180370268	12 Port ModLink Cassette, Quad LC, OM1 62.5µm Multimode
MLCDSC12OM2	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM2 50µm Multimode
MLCMTR12OM2	Consult Molex	12 Port ModLink Cassette, MT-RJ, OM2 50µm Multimode
MLCDLC12OM2	0181810147	12 Port ModLink Cassette, Duplex LC, OM2 50µm Multimode
MLCQLC12OM2	0180370267	12 Port ModLink Cassette, Quad LC, OM2 50µm Multimode
MLCDSC12OM3L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM3 50µm Multimode, Low Loss
MLCMTR12OM3L	Consult Molex	12 Port ModLink Cassette, MTRJ, OM3 50µm Multimode, Low Loss
MLCDLC12OM3L	Consult Molex	12 Port ModLink Cassette, Duplex LC, OM3 50µm Multimode, Low Loss
MLCQLC12OM3L	Consult Molex	12 Port ModLink Cassette, Quad LC, OM3 50µm Multimode, Low Loss
MLCDSC12OM4L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM4 50µm Multimode, Low Loss
MLCMTR12OM4L	Consult Molex	12 Port ModLink Cassette, MT-RJ, OM4 50µm Multimode, Low Loss
MLCDLC12OM4L	Consult Molex	12 Port ModLink Cassette, Duplex LC, OM4 50µm Multimode, Low Loss
MLCQLC12OM4L	Consult Molex	12 Port ModLink Cassette, Quad LC, OM4 50µm Multimode, Low Loss



24 Port Quad LC ModLink Cassettes

ModLink Cassettes provide a cost-effective, quick and easy fibre system for backbone and to-the-desk applications. 24 Port Quad LC ModLink Cassettes provide premium factory-controlled optical performance, enabling flexible system configuration and fast, economical installation. Simply plug the cable into the rear of the unit and the link is operational - an excellent solution for fast-track installations.

- Self-contained fibre optic patching enclosures convert the MTP/MPO interface to a standard LC, SC, MT-RJ or ST coupler
- Industry-leading low insertion loss for OS1/2, OM3 & and OM4 Cassettes
- Available in Singlemode & Multimode versions
- Front port identification plus labelling field on cassette top for fibre documentation
- For use within Molex's Fibre Management Systems

Order No.	SAP No.	Description
MLCQLC24OM1	Consult Molex	24 Port ModLink Cassette, Quad LC, OM1 62.5µm Multimode
MLCQLC24OM2	Consult Molex	24 Port ModLink Cassette, Quad LC, OM2 50µm Multimode
MLCQLC24OM3L	Consult Molex	24 Port ModLink Cassette, Quad LC, Low Loss, OM3 50µm Multimode
MLCQLC24OM4L	Consult Molex	24 Port ModLink Cassette, Quad LC, Low Loss, OM4 50µm Multimode
MLCQLC24OS2L	Consult Molex	24 Port ModLink Cassette, Quad LC, Low Loss, OS2 Singlemode

Pre-Terminated Solutions

ModLink™ Fibre

Plug & Play



ModLink Cables

- LS0H rated ribbon cables are factory terminated on both ends with multi-fibre MTP® connectors for maximum fibre density
- Round, flexible outer jacket is easy to bend, route and install
- Patented flexible transition sleeve maintains the routing feature of the round cable, absorbs vibration shock and provides an ideal surface to secure the MTP connector

- Industry-leading low insertion loss (0.35dB Maximum Insertion Loss for Laser Optimised OM3/4 Cables and OS1/2 Cables, 0.10dB Typical)
- ModLink advanced fibre optic cables are 100% tested
- Pulling eyes installed to protect the assembly during installation
- 4.5mm o.d.
- Standard and Low Loss versions available

Part No. Matrix - Substitute the correct code number or letter to determine the assembly construction

91-XAABB-YLLC-E*

Family

Fibre Count

- 21 = 12 MTP-MTP OFNP
- 22 = 12 MTP-MTP LS0H
- 23 = 24 MTP-MTP OFNP
- 24 = 24 MTP-MTP LS0H
- 25 = 8 MTP-MTP OFNP
- 26 = 8 MTP-MTP LS0H
- 27 = 12 MTP-MTP OFNR
- 28 = 24 MTP-MTP OFNR
- 29 = 8 MTP-MTP OFNR

Polarity Method/Gender

- 22 = A, Female to Female (Only for 12 or 24 fibre)
- 44 = B, Female to Female (applicable for all fibre count)
- 33 = C, Female to Female (Only for 12 or 24 fibre)
- CC = D, Female to Female (Only for 24 fibre)
- 55 = A, Male to Male (Only for 12 or 24 fibre)
- 66 = B, Male to Male (applicable for all fibre count)
- 77 = C, Male to Male (Only for 12 or 24 fibre)
- DD = D, Male to Male (Only for 24 fibre)
- 88 = A, Female to Male (Only for 12 or 24 fibre)
- 99 = B, Female to Male (applicable for all fibre count)
- 00 = C, Female to Male (Only for 12 or 24 fibre)
- AA = D, Female to Male (Only for 24 fibre)

Length (metres)

- 001 = 1 metre
- 00A = 0.5 metre
- 00B = 1.5 metre
- 00C = 2.5 metre
- 00D = 3.5 metre
- 00E = 4.5 metre

Fibre Type

- 2 = OM1 62.5/125µm
- 4 = OS1/2 9/125µm
- 4L = OS1/2 9/125µm Low Loss
- 6 = OM2 50/125µm
- 6E = OM3 50/125µm
- 6L = OM3 50/125µm Low Loss
- 8E = OM4 50/125µm
- 8L = OM4 50/125µm Low Loss
- 9E = OM5 50/125µm
- 9L = OM5 50/125µm Low Loss

Euro Class

- B = Bca LS0H
- C = Cca LS0H
- D = Dca LS0H
- E = Eca LS0H
- F = Fca LS0H

Jacket Colour

- 0 = Default
- OM1 MM = Orange
- OM2 MM = Grey
- OM3 MM = Aqua
- OM4 MM = Erica Violet (Non-Plenum)
- Aqua(Plenum)
- Aqua(PVC)
- OM5 MM = Lime Green
- SM = Yellow
- A = Aqua - AQ
- B = Blue - BL
- C = Red - RD
- D = Black - BK
- E = Dark Grey - GY
- F = Brown BR
- G = Lime Green - LG
- J = Green - GN
- K = Yellow - YL
- L = Beige - BG
- N = Orange - RG
- P = Pink - PK
- S = Salmon Pink - SP
- U = Purple - PP
- V = Erica Violet - EV
- W = White - WH

For Example: To order a 12 Core MTP-MTP Cable Assembly, Polarity A, Female to Female, OM1 62.5/125UM - OFPN yellow ModLink Cable, the part number would be 91-X2122-2100

Pre-Terminated Solutions

ModLink™ Fibre

Plug & Play



Hybrid Pre-Terminated Cable Assemblies

Molex Pre-Terminated Fibre Optic Cable Assemblies offer premium factory-controlled optical performance on a variety of connectors that enable fast, economical installation.

Pre-Terminated Cable Assemblies are ideal for mission-critical backbone applications such as Data Centre tie cables and low optical loss backbone riser cables.

- Available in:
 - Low Loss: OS1/2, OM3 and OM4 (Aqua or Erica Violet)
 - Standard Loss: OS1/2, OM1, OM2, OM3 and OM4 (Aqua or Erica Violet)
- 12-144 core count available with 12 or 24 cores MTP connector
- 2mm ruggedised tails and 900µm tails available
- Customised Tail Length and Configuration options available
- LS0H and OFNP cable jacket
- ROHS Compliant
- Ideal for: Internal short optical links
Front panel/equipment connections
Data centre infrastructure
Storage Area Network (SAN)
- Available with a variety of connector types

Part No. Matrix - Substitute the correct code number or letter to determine the assembly construction

9 H A A A B C D E E F F G H I I I J											
Family		Fibre Count 8-144		MTP Side Connector		Fibre Type 1 = OM1 3 = OM3 4 = OM4 5 = OM2 9 = OM5 8 = OS1/2 2 = G.657A2		Tail length at MTP end/X end 1 = 1m 2 = 2m 3 = 3m B = 0.5m		Length (metres) 001= 1m 00B=1.5m 00C=2.5m 00D=3.5m 00E=4.5m	
										Euro Class* * = For EU supply only B=Bca LS0H C=Cca LS0H D=Dca LS0H E=Eca LS0H F=Fca LS0H *Euro Class code not necessary for non-EU market	
Side Connector						Tail configuration at MTP end*/X end 0 = 900u Fan Unstaggered 1 = 900u Fan Staggered 30mm 2 = 900u Fan Staggered 50mm 3 = 900u Fan Staggered 100mm 4 = 900u Fan Staggered 150mm A = 2/3 mm Fan Unstaggered B = 2/3 mm Fan Staggered 30mm C = 2/3 mm Fan Staggered 50mm D = 2/3 mm Fan Staggered 100mm E = 2/3 mm Fan Staggered 150mm *: MTP end only 2/3mm				Sheath Colour 0=Default A= Aqua B= Blue C= Red D= Black E= Dark Grey J= Green K= Yellow N= Orange P= Pink S= Salmon Pink U= Purple V= Erica Violet W= White	
						Glands and Pulling Eye U= No gland, pulling eye at MTP end V= No gland, pulling eye at X end Z= No glands, no pulling eye Y= Gland and pulling eye at MTP end T= Gland at MTP end,pulling eye at X end S= Gland at MTP end, no pulling eye X= Gland at X end, pulling eye at MTP end G= Gland and pulling eye at X end F= Gland at X end, no pulling eye W= Gland at both ends, pulling eye at MTP end B= Gland at both ends, pulling eye at X end C= Gland at both ends, no pulling eye *Gland = M20 default, Gland O.D dependent upon cable O.D					

Pre-Terminated Solutions

ModLink™ Fibre

Plug & Play

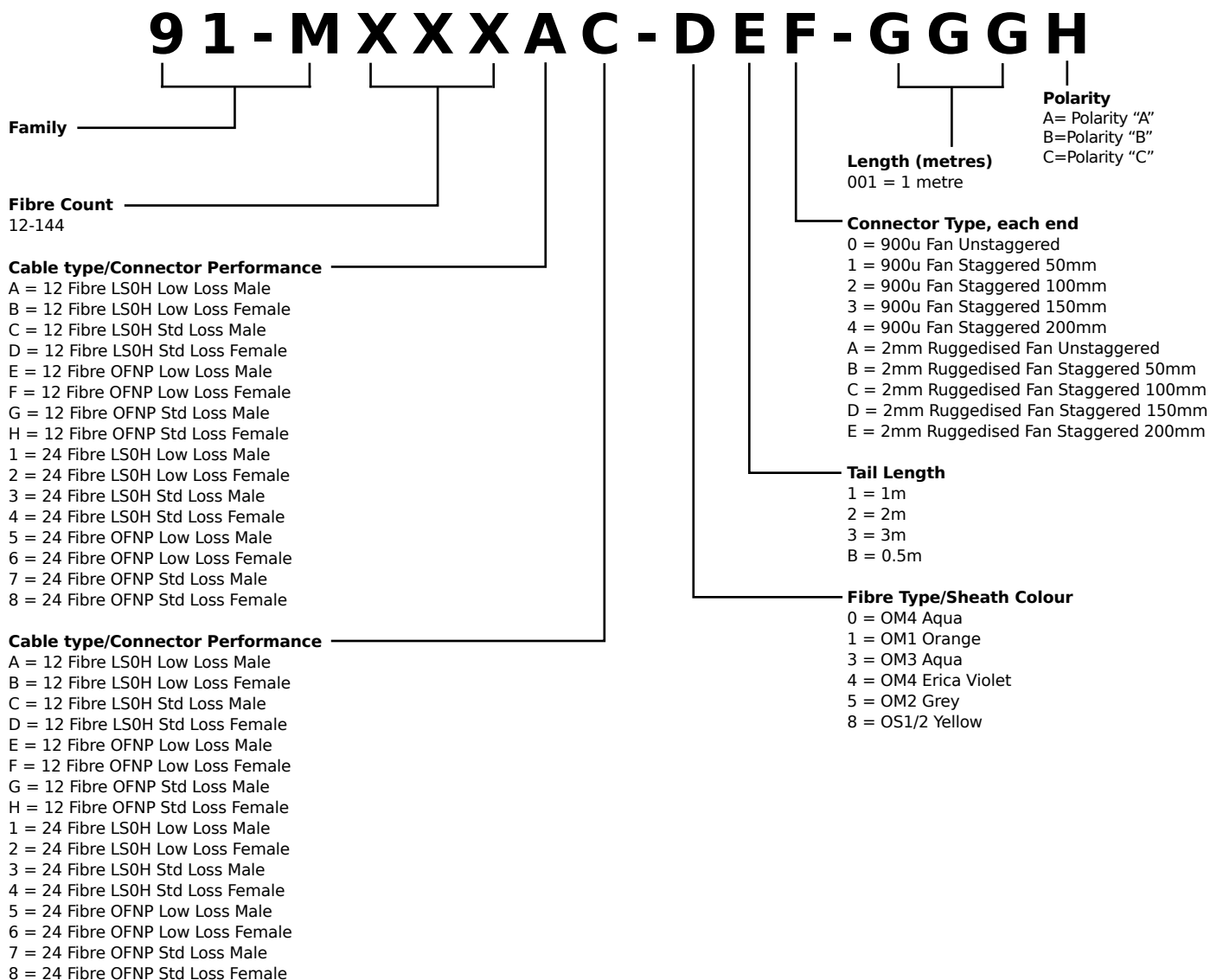


MTP-MTP Pre-Terminated Multicore Cable Assemblies

- Available in Low Loss OS1/2, OM3 and OM4 (Aqua or Erica Violet) or standard Loss available OS1/2, OM1, OM2, OM3 and OM4 (Aqua or Erica Violet)
- 12 and 24 cores standard (high core counts up to 144 fibres available)
- 2mm ruggedised tails and 900µm tails available

- Customised Tail Length and Configuration options available
- LS0H and OFNP cable jacket
- RoHS Compliant
- Ideal for: Internal short optical links Front panel/equipment connections, Data centre infrastructure, Storage Area Network (SAN)

Part No. Matrix - Substitute the correct code number or letter to determine the assembly construction



For Example: To order a 12 Core MTP Loss Loss Male Connector/MTP in OM3 Aqua LS0H Cable with 1m Tails in 900um Fan Unstaggered, 10 Metre Length, Polarity A the part number would be 91-M012AA-310-010A
Standard Colours: OS1/2 = Yellow, OM1 = Orange, OM2 = Grey, OM3 = Aqua, OM4 = Erica Violet and Aqua (US Market)
Cable Construction: 1-48 Core Micro Cable, 48+ = Loose Tube

Disruption in the work area Simply Solved >



Consolidation points offer a flexible solution enabling the fundamental change of a network installation without re-terminating. The zone based approach of consolidation points significantly reduces installation time and disruption in the work area, whilst enabling faster repair in the event of a problem.



Consolidation Points

Fibre Consolidation Point Enclosures

Molex consolidation points allow horizontal workplace cable to be terminated under a floor or above a ceiling in a protected enclosure - affording greater flexibility and usability. Consolidation points provides up to 12 fibre core capacity and feature Molex's unique shutter technology to protect the fibres from dust ingress.

PowerCat Consolidation Point Enclosures

PowerCat Consolidation Point Enclosures feature 6 or 8 shuttered Category 5e modules. Housed in a steel enclosure, incoming cable is protected, but allows ready access to the Consolidation Point to Telecommunication Outlet Links. Designed for easy installation in ceiling voids or under floor, the product is TIA/EIA TSB75 compliant.

MMI Enclosure

MMI Enclosure is a wall mounted unit for storing and protecting optical fibre.



Consolidation Points



Fibre Consolidation Point Enclosures

Molex consolidation points allow horizontal workplace cable to be terminated under a floor or above a ceiling in a protected enclosure - affording greater flexibility and usability. Consolidation points provides up to 12 fibre core capacity and feature Molex's unique shutter technology to protect the fibres from dust ingress.

- RoHS compliant
- Available in Singlemode & Multimode versions
- Shuttered adapters to protect against dust ingress
- Quarter turn fasteners used to secure lid
- Fibre jacket and strength member retention features fitted

Order No.	SAP No.	Description
CPT-00028	Consult Molex	12 Port Shuttered LC Consolidation Point, Singlemode
CPT-00029	Consult Molex	12 Port Shuttered MT-RJ Consolidation Point, Singlemode/Multimode
CPT-00030	0180080066	12 Port Shuttered Duplex SC Consolidation Point, Singlemode
CPT-00031	180080064	12 Port Shuttered Duplex SC Consolidation Point, Multimode
Accessories		
CPT-00034	0180080059	Consolidation Point Enclosure Base - Unloaded
CPT-00044	180080077	6 Port Consolidation Point Enclosure LC Plate, Singlemode
CPT-00041	180080074	6 Port Consolidation Point Enclosure MT-RJ Plate, Singlemode/Multimode
CPT-00042	180080075	6 Port Consolidation Point Enclosure SC Plate, Singlemode
CPT-00043	180080076	6 Port Consolidation Point Enclosure SC Plate, Multimode



PowerCat Consolidation Point Enclosures

PowerCat Consolidation Point Enclosures feature 6 or 8 shuttered Category 5e modules. Housed in a steel enclosure, incoming cable is protected, but allows ready access to the Consolidation Point to Telecommunication Outlet Links. Designed for easy installation in ceiling voids or under floor, the product is TIA/EIA TSB75 compliant.

- Allows moves, adds and changes without re-terminating and re-testing of cable
- Provides Category 5e performance
- 6 Port & 8 Port Versions Available
- Protected labelling facility
- 568 A/B wiring configuration
- Two enclosures may be interconnected, allowing for expansion

Order No.	SAP No.	Description
CPT-00022	180080070	6 Port PowerCat Consolidation Point Enclosure UTP 568A/B - Graphite Grey
CPT-00023	0180080063	8 Port PowerCat Consolidation Point Enclosure UTP 568A/B - Graphite Grey
Accessories		
CPT-00034	0180080059	Consolidation Point Enclosure Base - Unloaded
CPT-00035	180080071	Consolidation Point Enclosure Plate - 6 Port
CPT-00038	180080072	Consolidation Point Enclosure Plate - 8 Port



MMI Enclosure

- Wall mounted units for storing and protecting optical fibre
- Holds 1.5m of up to 12 fibres with 900 micron buffers
- Accepts up to six USO II fascias, enabling Category 5e or Category 6 performance

- Modules sold separately
- MMI-R provides rugged metal cover protection
- Accommodates ST, SC, MT-RJ & LC Euromod 25 x 50mm and 50 x 50mm Angled Fibre Modules
- Accommodates PowerCat Euromod modules

Order No.	SAP No.	Description
WFR-00016-01	0180970023	MMI-Plastic Cover - Almond
WFR-00016-02	0180970024	MMI-Plastic Cover - White
WFR-00016-08	0180970025	MMI-Plastic Cover - Light Grey
WFR-00017	0180970021	MMI-R-Metal Cover - Graphite Grey
WFR-00048	Consult Molex	12 Fibre Multimedia Tamper Proof Enclosure - Red
WFR-00048-WH	Consult Molex	12 Fibre Multimedia Tamper Proof Enclosure - White
WFR-00054-0C	Consult Molex	24 Fibre Multimedia Tamper Proof Enclosure - Red
WFR-00054-02	Consult Molex	24 Fibre Multimedia Tamper Proof Enclosure - White



Fibre Modules
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Angled Modules
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Euromod Modules
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Connecting Data >
Connecting Users
Delivering Customers

molex[®]

Managing your wiring closet

Simply Solved >



Cable Management is an important part of any installation. Combining aesthetics with functionality, the Molex range of rack mountable cable management products offer cable management with minimal effort, ensuring long term manageability of the wiring closet.



Cable Management Solutions

Cable Management Solutions



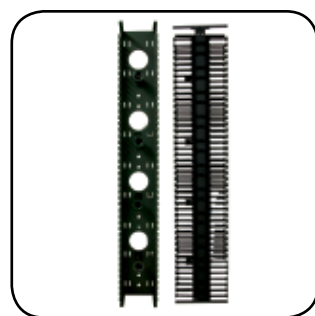
Open Bay Rack



Cable Management Rings



Rack Manager



Cable Management Solutions



Horizontal Cable Manager,

1U Horizontal Cable Management Panels

- Available in various ring sizes for different cable densities
- Standard 19" rack mount 1U and 2U panels
- Styling complements Molex Patch Panel range
- Robust construction to handle harsh treatment
- Flexible rings for convenient operation
- Rounded edges to prevent damage to patch cords

Order No.	SAP No.	Description
88479-9211	Consult Molex	Horizontal Cable Manager, duct type, 1U, front only
88479-9212	Consult Molex	Horizontal Cable Manager, duct type, 1U, front / rear
88479-9221	Consult Molex	Horizontal Cable Manager, duct type, 2U, front only
88479-9222	Consult Molex	Horizontal Cable Manager, duct type, 2U, front / rear
88479-9223	Consult Molex	Horizontal Rear Cable Management Bar



2 Position Recessed Double Density Ring Run

2U Horizontal Cable Management Panels

- Available in various ring sizes for different cable densities
- Standard 19" rack mount 1U and 2U panels
- Styling complements Molex Patch Panel range
- Robust construction to handle harsh treatment
- Flexible rings for convenient operation
- Rounded edges to prevent damage to patch cords

Order No.	SAP No.	Description
25.B013G	0180320001	Ring Run Panel, 2U
25.B058G	0180320008	Recessed Double Density Ring Run Panel, 2U
25.B059G	0180320019	Front and Rear Ring Run Panel, 2U



Double Density Ring 1U Side Ring Deep

Cable Management Rings

Cable Management Rings are designed to speed cable dressing during an installation or change and to provide an organised format for system maintenance. Ideal for use with the Molex Open Bay Rack or Omega Rack distribution frames.

- Side & Rear management rings available
- Provides vertical cable management on a rack or wall
- Plastic Rings: Black Lexan 943A-701
- Metal Rings: 1/4" Steel rod with black powdercoat



Double Density Side Ring

Order No.	SAP No.	Description
25.B0284	0181050019	1U Side Ring
25.B0364	181050020	1U Side Ring Deep
25.B0424	181050021	2U Side Ring
25.C0015B	Consult Molex	Double Density Cable Management Ring

Cable Management Solutions

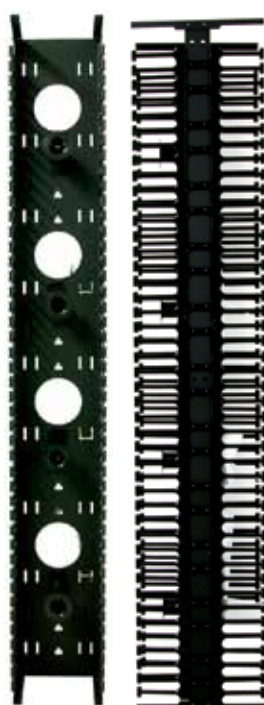


Open Bay Rack

The Open Bay Rack provides central placement of communications cabling and equipment. The rack features 45 rack mounting positions, each 1¾" in height. Cross bracing is provided for top and bottom. The Open Bay design provides easy access for installation and maintenance. Incoming cables are terminated on the back, separating them from cross connects on the front.

- Mounting holes: EIA spaced #12-24 on both front and rear flanges 45 rack mounting positions
- Panel Space: 1956mm x 483mm (77"H x 19"W)
- Accommodates Molex Cable Management Rings
- Accommodates Molex Vertical Cable Rack Managers
- RoHS compliant

Order No.	SAP No.	Description
88479-9000	Consult Molex	45 U Open Bay Rack



Vertical Rack Manager (VRM)

Used in conjunction with the Molex 42U, 19 inch Open Bay Rack, or equivalent, the VRM provides a robust and efficient way of managing cables and patch cords. Its ergonomic design ensures the necessary support for bundled patch cords, moving them from panels to the frame, maintaining bend radii at all times. Cable routing is flexible, and rapid re-routing can be achieved via the Quick Fit cable spools. Quick snap finger grooves enable flexible equipment management, and allow for expansion from 1U to whatever size required.

- Fits EIA standard 19" open bay racks
- Allows for upgrading current installations while maintaining current investment in hardware
- Maximises building Infrastructure
- Excels in space utilisation, by increasing density and freeing up valuable floor space
- Strong & flexible polycarbonate finger guides
- Robust but light-weight construction holds cables perfectly aligned against each individual patch panel maintaining critical bend radii
- Snap grooved finger guides allow easy modification to 2/3 U configuration. With replacements finger guides ensures ongoing flexibility for future fit-out requirements
- Cable retainers click on to the end of finger guides, ideal for holding cables horizontally in place while undertaking maintenance
- A quick lock door allows for fast easy access by allowing instantaneous left or right door opening with flush mounted handles
- Quick fit spool which allows easy single handed fit and removal of spools saving time and effort
- The design allows flexibility in fit out with additional spools and door kits available

Order No.	SAP No.	Description
CMA-00083	0181050000	12" Vertical Rack Cable Manager - Front/Back & Front Door
CMA-00084	0181050001	8" Vertical Rack Cable Manager - Front/Back & Front Door
CMA-00088	0181050012	12" Vertical Cable Retainer - 5 Pack
CMA-00089	0181050013	Spools - 2 Pack
CMA-00090	0181050014	Finger Guides - 5 Pack
CMA-00091	0181050015	12" Door Kit
CMA-00092	0181050016	8" Door Kit
CMA-00096	0181050017	8" Vertical Cable Retainer - 5 Pack



Cable Retainer



Spools

Multi-media connectivity Simply Solved >



**Additional solutions from Molex
to enhance your connectivity,
providing voice termination
cabling to multi-media audio &
video modules.**



Additional Solutions

Voice

The Molex Voice Solution provides a range of products to allow the termination of dedicated voice cabling in a structured cabling environment. The range includes 50 Port Voice panels, Telco Panels and Line Adapter Units. The range also offers a cost effective and simple way to feed PBX or other voice circuits into an installation.

Outlet Configurations

Molex provide a vast range of outlet mounting platforms covering wallplates and surface mount boxes. Our range has been designed to allow the fitment of industry standard RJ-45 products as well as our modular Synergy/DataGate foot print. The Molex Synergy foot print allows a modular fit out at the outlet. With modules that cover C5E, C6, C6A and audio/visual as well as optical fibre, Molex is able to deliver an integrated communications suite.

Media Outlets

Frequently, the need arises to integrate multiple media types within the one cabling system. It is becoming common for example for UTP, fibre optics, audio and video media to be used in the same environment.

To support these situations, Molex has designed a range of wiring closet and work area products, which accommodate UTP, fibre optics, audio and video media types using modular designs.



Voice and Telco Solutions



50 Port Voice Panel

The 50 Port 1U Voice Panels are a cost-effective product range designed to utilise the minimum of rack/cabinet space to support 2, 25 or 50 pair cables in a voice backbone.

Supporting two or three pair connectivity for analogue or digital telephone services, the panels feature logical port numbering for easy configuration of the pairs (3-6, 4-5), using dual colour coded (568A/B) KATT IDC connectors. 19" rack mountable, the panel features an integral rear management tray.

- 50 Port 1U
- Category 3 compliant
- Integral cable management tray
- 19" rack mountable
- Full range of Telco cable assemblies available

Order No.	SAP No.	Description
PID-00145	0182040013	50 Port Voice Panel RJ45 UTP 1U - Pairs 3/6, 4/5



Rack Mount Panels

This 19" rack mountable solution is designed for disconnect and connection modules. Panels are recessed to allow for cabinet door clearance and are available in three configurations; 1U (30 Pair), 2U (90 Pair) and 3U (150 Pair).

- 1U 30 Pair
- 2U 90 Pair
- 3U 150 Pair
- Standard 19" rack mount
- Recessed panel allowing clearance for cabinet doors on 19" rack
- Modules not provided
- RoHS Compliant

Order No.	SAP No.	Description
PID-00117	Consult Molex	1U Back Mount Panel 30 Pair - Unloaded
PID-00123	Consult Molex	2U Back Mount Panel 90 Pair - Unloaded
PID-00124	0182080438	3U Back Mount Panel 150 Pair - Unloaded

Voice and Telco Solutions



Disconnect and Connection Modules

Both disconnect and connection type modules are available for all voice applications, markets and regulatory requirements. The modules accommodate up to 10 pairs in a small footprint, enabling high density interconnection facilities.

- Distribution of voice applications
- Module is available in disconnect and connection formats
- Standard 45° IDC contact
- Versatile can be used in indoor or outdoor applications
- Accepts cable diameter 0.4mm to 0.8mm
- Accommodates two wires
- Accepts KATT or LSA+ IDC tools
- RoHS Compliant

Order No.	SAP No.	Description
DCN-00001P	0182030022	10 Pair Disconnect Module Clip On
DCN-00002	0182030002	10 Pair Connection Module
DCN-00080	Consult Molex	8 Pair Cat 6 Disconnection Module



Gas Arrestor Module

An over-voltage system is available to protect circuits from voltage surges from lightning strikes or similar events. These modules are industry compliant and compatible with other voice cabling systems.

- Made from fibre reinforced polycarbonate
- Available unloaded or loaded with gas arrestors
- Siemens tripolar gas arrestor tube 230V
- Self loading or fully loaded magazines
- Arrestor Magazine supplied with transparent cover to prevent accidental contact
- "Telecommunications Network Voltages" sign supplied
- RoHS Compliant

Order No.	SAP No.	Description
DCN-00006	0182030006	Gas Arrestor Magazine, equipped with Tripolar GATs
DCN-00007	0182030007	Gas Arrestor Magazine without GATs
DCN-00018	0182030008	Siemens tripolar Gas Arrestor Tube (GAT) 230V 3 pin
Accessories		
DCN-00020	0182030020	Label holder for modules
DCN-00012	0182030012	Disconnection Plug
DCN-00010	0182030010	Test Cord 2 Wire Version
DCN-00011	0182030011	Test Cord 4 Wire Version



Mounting Frames

A number of different size wall mount frames are available to accommodate the modules to suit a variety of application and environments. The frames accommodate modules, over-voltage protection and labelling equipment for a complete system.

- Available in 30, 50, 100, 270, 552/690 Pair Back mount and Clip on Configurations
- Stainless Steel construction
- Modules mount directly onto frame
- Label holder available separately
- Dust covers available separately
- Suitable for wall or cabinet installations
- RoHS Compliant

Order No.	SAP No.	Description
DCN-00003	0182030003	30 Pair Jumperable Backmount Frame
DCN-00004	0182030004	50 Pair Jumperable Backmount Frame
DCN-00005	0182030005	100 Pair Jumperable Backmount Frame
DCN-00083	Consult Molex	11 Way Jumperable Clip On Frame
DCN-00084	Consult Molex	27 Way Jumperable Clip On Frame
DCN-00085	Consult Molex	11 Way Jumperable Backmount Frame
DCN-00086	Consult Molex	27 Way Jumperable Backmount Frame
DCN-00087	Consult Molex	690/552 Pair Main Distribution Frame
Accessories		
DCN-00008	Consult Molex	Label Holder for Back Mount frame
DCN-00013	0182030013	Dust Cover (for use with 100 pair Back Mount Frame without gas arrestor magazine)
DCN-00019	0182030019	Dust Cover (for use with 100 pair Back Mount Frame with gas arrestor magazine)
DCN-00102	Consult Molex	11 Way Clipable Cover
DCN-00103	Consult Molex	27 Way Clipable Cover



Category 5 UTP Cable

Molex Category 5 cable has been designed to support Telephony Voice Wiring applications. The cable has been designed and tested in accordance with EIA/TIA568A & ISO 11801 standards.

- Supports telephony voice wiring applications
- 25 pair Cable
- PVC Sheath or LS0H sheaths
- Colour coded pairs for ease of termination

Order No.	SAP No.	Description
95.C090	Consult Molex	25 Pair Category 5 UTP Cable, 24 AWG, PVC, Grey, 305m



Category 3 UTP Cable

Molex Category 3 cables have been designed to support Telephony Voice Wiring applications. The cable has been designed and tested in accordance with UL Subject 444, EIA/TIA568 & ISO/IEC 11801 standards.

- Supports telephony voice wiring applications
- 10, 20, 25, 50 or 100 pair cables
- PVC sheaths
- Colour coded pairs for ease of termination

Order No.	SAP No.	Description
39-125	0180480001	25 Pair Category 3 UTP Cable, PVC - Grey
CAA-00002	0182080082	50 Pair Category 3 UTP Cable, 24 AWG, PVC, Grey, 305m
39.B0180	0180480012	100 Pair Category 3 UTP Cable, PVC - Grey
CAA-00396	0183180032	10 Pair Category 3 Voice Cable, PVC, Cream, 305m
CAA-00397	0183180033	20 Pair Category 3 Voice Cable, PVC, Cream, 305m

Outlet Configuration Solutions



MOD-Clip™ Wallplates

- 115mm x 75mm
- Low profile for inconspicuous network connecting
- Rear loading to reduce tampering
- Top Fascia Locking Tabs - for easy removal of front plate simply push tabs on side of top fascia with small flat blade screw-driver
- Connector Locking Tabs - for easy removal of connector from base plate, once connector has been snapped into base plate
- Accommodates UTP & FTP MOD-Clip DataGate jacks

Order No.	SAP No.	Description
WPJ-00031-02	0181280008	1 Port MOD-Clip 115 x 75mm Wallplate
WPJ-00032-02	0181280009	2 Port MOD-Clip 115 x 75mm Wallplate
WPJ-00033-02	0181280010	4 Port MOD-Clip 115 x 75mm Wallplate
WPJ-00040-02	Consult Molex	3 Port MOD-Clip 115 x 75mm Wallplate



Synergy™ Wallplates

- Single Gang - 120mm x 70mm x 11mm
- Double Gang - 117.5mm x 120.7mm x 10.9mm
- Low profile for inconspicuous network connecting
- Clear concise labelling
- Rear loading to reduce tampering
- Angled version to ensure proper cable bend radius
- Accommodates PowerCat and PowerCat 6 UTP & FTP DataGate jacks
- Accommodates SC, LC, ST and MT-RJ single bezel fibre modules
- Accommodates Media Configurable modules

Order No.	SAP No.	Description
WSY-00001-0*	Consult Molex	6 Port Synergy Wallplate - Unloaded
WSY-00002-0*	Consult Molex	4 Port Synergy Wallplate - Unloaded
WSY-00003-0*	Consult Molex	3 Port Synergy Wallplate - Unloaded
WSY-00005-0*	Consult Molex	4 Port Angled Synergy Wallplate - Unloaded
WSY-00006-0*	Consult Molex	2 Port Angled Synergy Wallplate - Unloaded
WSY-00015-0*	Consult Molex	12 Port Double Gang Synergy Wallplate - Unloaded
WSY-00016-0*	Consult Molex	10 Port Double Gang Synergy Wallplate - Unloaded
WSY-00017-0*	Consult Molex	8 Port Double Gang Synergy Wallplate - Unloaded
KSJ-00005-0*	Consult Molex	Single Position Blank Module (Bag of 25)

* Colour Options - 1 = Almond, 2 = White, 4 = Black, 5 = Ivory, 8 = Light Grey



Synergy™ Surface Mount Box

The Shielded PowerCat Synergy Surface Box is ideal for use in open office cabling. The attractive contemporary design comes complete with the DataGate shuttered shielded connector. Synergy Surface Boxes offer simple and organised installation in areas where surface mount is the only option. Cable can be installed from the sides or base of the box. Individual ports can also be colour coded for site-specific network administration using connector icon labels.

- Stylish design
- Simple, organised cable entry and installation
- Screw fixing
- Clear and concise labelling



Order No.	SAP No.	Description
SBX-00004-02	Consult Molex	PowerCat 1 Port Synergy Surface Box, Unloaded - White
SSY-00014-02	181340013	PowerCat 2 Port Synergy Surface Box, Unloaded - White
SSY-00015-02	181340016	PowerCat 4 Port Synergy Surface Box, Unloaded - White
SSY-00016-02	181340019	PowerCat 6 Port Synergy Surface Box, Unloaded - White

Outlet Configuration Solutions



DataGate Version



MOD-Clip Version

Synergy™ 86mm x 86mm Wallplates

- Single Gang - 86mm x 86mm
- Low profile for inconspicuous network connecting
- Clear concise labelling
- Rear loading to reduce tampering
- Available in five colours
- Accommodates UTP & FTP DataGate jacks
- Accommodates UTP & FTP MOD-Clip DataGate jacks
- Accommodates SC, LC, ST and MT-RJ single bezel fibre modules
- Accommodates Media Configurable modules



MOD-Clip Jacks
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DataGate Jacks
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Fibre Modules
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Multimedia Modules
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Order No.	SAP No.	Description
WSY-00012-0*	Consult Molex	1 Port 86 x 86mm Synergy DataGate Wallplate - Unloaded
WSY-00009-0*	Consult Molex	1 Port 86 x 86mm Synergy MOD-Clip Wallplate - Unloaded
WSY-00013-0*	Consult Molex	2 Port 86 x 86mm Synergy DataGate Wallplate - Unloaded
WSY-00010-0*	Consult Molex	2 Port 86 x 86mm Synergy MOD-Clip Wallplate - Unloaded
WSY-00014-0*	Consult Molex	4 Port 86 x 86mm Synergy DataGate Wallplate - Unloaded
WSY-00011-0*	Consult Molex	4 Port 86 x 86mm Synergy MOD-Clip Wallplate - Unloaded

* Colour Options - 1 = Almond, 2 = White, 4 = Black, 5 = Ivory, 8 = Light Grey



DataGate™ Jack Wallplate

- Single Gang - 86mm x 86mm
- Low profile for inconspicuous network connecting
- Clear concise labelling
- Rear loading to reduce tampering
- Accommodates UTP & FTP DataGate jacks
- Accommodates SC, LC, ST and MT-RJ single bezel fibre modules
- Accommodates Media Configurable modules



DataGate Jacks
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Fibre Modules
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Multimedia Modules
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Order No.	SAP No.	Description
WPJ-00034-02	0181280011	86 x 86mm 1 Port DataGate Jack Wallplate, Shuttered, White - Unloaded
WPJ-00035-02	0181280012	86 x 86mm 2 Port DataGate Jack Wallplate, Shuttered, White - Unloaded
WPJ-00036-02	0181280013	86 x 86mm 3 Port DataGate Jack Wallplate, Shuttered, White - Unloaded
WPJ-00037-02	0181280014	86 x 86mm 4 Port DataGate Jack Wallplate, Shuttered, White - Unloaded
WPJ-00038-02	Consult Molex	86 x 86mm Port DataGate Jack Wallplate, White- Unloaded



USO II™ Wallplate & Bezel

- Single Gang - 114mm x 70mm x 15mm
- Double Gang - 114mm x 114mm x 15mm
- Low profile for inconspicuous network connecting
- Clear concise labelling
- Four colours available
- Single and double port bezels available
- Fascia - 25mm x 50mm x 6mm
- Flexible and versatile method of installation
- Accommodates DataGate jacks
- Accommodates SC, LC, ST and MT-RJ single and dual bezel fibre modules
- Accommodates Media Configurable modules

Order No.	SAP No.	Description
WUS-00001-0*	Consult Molex	USO II Single Gang Bezel, Alpha Icons - Unloaded
WUS-00002-0*	Consult Molex	USO II Double Gang Bezel, Alpha Icons - Unloaded
WUS-00003-0*	Consult Molex	USO II Single Gang Bezel, Telcom Icons - Unloaded
WUS-00004-0*	Consult Molex	USO II Double Gang Bezel, Telcom Icons - Unloaded
Accessories		
MUS-00057-0*	Consult Molex	USO II Single Port Fascia - Unloaded (bag of 25)
MUS-00058-0*	Consult Molex	USO II Double Port Fascia - Unloaded (bag of 25)
MUS-00059-0*	Consult Molex	USO II Module Blank (bag of 20)

* Colour Options - 1 = Almond, 2 = White, 4 = Black, 5 = Ivory, 8 = Light Grey

Outlet Configuration Solutions



Contura™ Wallplate

- Single Gang Wallplate: 86mm x 86mm
- Double Gang Wallplate: 86mm x 145mm

- Available in white only
- Flexible and versatile method of installation
- Accommodates Contura modules



Contura Modules
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Order No.	SAP No.	Description
WGB-00001-02	0181770083	Contura Single Gang Wallplate (includes grid plate), White - Unloaded
WGB-00002-02	0181770084	Contura Double Gang Wallplate (includes grid plate), White - Unloaded
MGB-00002-02	0181770216	Contura Blank Module - White



Euromod™ Wallplates

- Three Port 71mm x 114mm aperture size
- Single Gang 50mm x 50mm aperture size
- Double Gang 50mm x 100mm aperture size
- Low profile design

- Available in white only
- Flexible and versatile method of installation
- Available with or without labelling facility
- Accommodates Euromod modules



Euromod Modules
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Order No.	SAP No.	Description
17.C0012	0181770001	Unlabelled Three Port Euromod Wallplate, 114mm x 71mm x 9mm - Unloaded
17-0101-02	Consult Molex	Euromod Single Gang Wallplate, 50mm x 50mm, No Labelling Facility
17-0102-02	Consult Molex	Euromod Double Gang Wallplate, 50mm x 100mm, No Labelling Facility
17-0111-02	0180060058	Euromod Single Gang Wallplate, 50mm x 50mm, Labelling Facility
17-0112-02	0181390002	Euromod Double Gang Wallplate, 50mm x 100mm, Labelling Facility
17-0412-02	0180060060	Euromod Quarter (12.5 x 50mm) Blank - White
17-0413-02	0180060061	Euromod Half (25 x 50mm) Blank - White
17-0414-02	0180060062	Euromod Full (50 x 50mm) Blank - White



MOD-SNAP™ Wallplates

- Single Gang Wallplate: 50mm x 50mm
- Double Gang Wallplate: 50mm x 100mm

- Available in white only
- Flexible and versatile method of installation
- Accommodates MOD-SNAP modules



MOD-SNAP Modules
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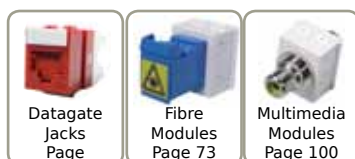
Order No.	SAP No.	Description
MMS-00014-02	Consult Molex	MOD-SNAP Blank Module - White
42-311-02	0181400006	MOD-SNAP Single Gang, Single Aperture, 86mm x 86mm - Unloaded
42-312-02	0181400005	MOD-SNAP Single Gang, Double Aperture, 86mm x 86mm - Unloaded
42-314-02	0181400008	MOD-SNAP Double Gang, 4 Aperture, 86mm x 146mm - Unloaded

Outlet Configuration Solutions



Plastic Streamline Wallplates

- Low profile for inconspicuous network connecting
- Clear concise labelling
- Rear loading to reduce tampering
- UL Approved
- Accommodates UTP & FTP DataGate jacks
- Accommodates SC, LC, ST and MT-RJ single and dual bezel fibre modules
- Accommodates Media Configurable modules



Order No.	SAP No.	Description
WPJ-00007-0*	Consult Molex	1 Port Plastic Streamline Wallplate - Unloaded
WPJ-00008-0*	Consult Molex	2 Port Plastic Streamline Wallplate - Unloaded
WPJ-00009-0*	Consult Molex	3 Port Plastic Streamline Wallplate - Unloaded
WPJ-00010-0*	Consult Molex	4 Port Plastic Streamline Wallplate - Unloaded
WPJ-00011-0*	Consult Molex	4 Port 1U Plastic Streamline Wallplate - Unloaded
WPJ-00012-0*	Consult Molex	1 Port Plastic Streamline Wallplate



Streamline Stainless Steel Wallplates

- Low profile for inconspicuous network connecting
- Clear concise labelling
- Rear loading to reduce tampering
- Robust design
- UL Approved
- Accommodates UTP & FTP DataGate jacks
- Accommodates SC, LC, ST and MT-RJ single and dual bezel fibre modules
- Accommodates Media Configurable modules



Order No.	SAP No.	Description
WSS-00001	0184000551	1 Port Stainless Steel Streamline Wallplate - Unloaded
WSS-00002	0184000316	2 Port Stainless Steel Streamline Wallplate - Unloaded
WSS-00003	0184000552	3 Port Stainless Steel Streamline Wallplate - Unloaded
WSS-00004	0184000553	4 Port Stainless Steel Streamline Wallplate - Unloaded
WSS-00006	0184000554	6 Port Stainless Steel Streamline Wallplate - Unloaded



Keystone Jack Wallplate

- Single Gang - 86mm x 86mm
- Low profile for inconspicuous network connecting
- Clear concise labelling
- Rear loading to reduce tampering
- Accommodates Keystone jacks



Order No.	SAP No.	Description
SP135295	Consult Molex	86 x 86mm 1 Port Keystone Jack Wallplate, Shuttered, White - Unloaded
SP135296	Consult Molex	86 x 86mm 2 Port Keystone Jack Wallplate, Shuttered, White - Unloaded
SP135297	Consult Molex	86 x 86mm 4 Port Keystone Jack Wallplate, Shuttered, White - Unloaded

Outlet Configuration Solutions

1 Port



Streamline Wallplates

- Stylish design
- Protected labelling facility
- Screws provided
- 1 & 2 Port versions

- Modular designed
- Holder can be unloaded from front side
- RoHS Compliant

2 Port



Order No.	SAP No.	Description
WPJ-00041-0*	Consult Molex	1 Port Streamline Wallplate - Unloaded
WPJ-00043-0*	Consult Molex	2 Port Streamline Wallplate - Unloaded
WPJ-00045-0*	Consult Molex	4 Port Streamline Wallplate - Unloaded

* Colour Options - 1 = Almond, 2 = White, 4 = Black, 5 = Ivory, 8 = Light Grey

Blank Inserts



Order No.	SAP No.	Description
KSJ-00005-01	181970055	Blank Insert - Almond
KSJ-00005-02	181970056	Blank Insert - White
KSJ-00005-04	181970057	Blank Insert - Black
KSJ-00005-05	181970058	Blank Insert - Ivory
KSJ-00005-08	181970059	Blank Insert - Grey

Media Outlet Solutions



Category 5e Feed Through Adapters

Category 5e Feed through modules are versatile modules for unique applications where pre-connected cables must be mated.

25 x 50mm modules are designed for use within Molex's USO II systems of wallplates.

- Enables line extensions for legacy cabling systems
- 25 x 50mm modules are designed to fit into USO II wallplate systems



Outlet Configuration Solutions
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Order No.	SAP No.	Description
ADA-00003	0180060065	Standard Keystone Category 5e 8 wire Feed Through Adapter - Black
MUS-00091-02	0182050038	25x50mm Category 5e Dual Feed Through Module - White



Audio & Video Modules

Audio and Video modules are versatile modules for unique applications where pre-connectorised cables must be mated. Single Position Modules fit into Molex's configurable panels and wallplate systems that accept Molex's DataGate jack.

- Enables line extensions for legacy cabling systems
- Single Position Modules are designed to fit into Molex's Synergy & USO II system of wallplates and surface blocks



Outlet Configuration Solutions
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Order No.	SAP No.	Description
MSY-00002-0*	Consult Molex	Single Position F Video Module
MSY-00032-0*	Consult Molex	Single Position S Video Coupler Module
MSY-00033-R*	Consult Molex	Single Position RCA Coupler Red Module
MSY-00033-W*	Consult Molex	Single Position RCA Coupler White Module
MSY-00033-Y*	Consult Molex	Single Position RCA Coupler Yellow Module
MSY-00036-0*	Consult Molex	Single Position BNC Coupler Module

* Colour Options - 1 = Almond, 2 = White, 5 = Ivory, 4 = Black, 8 = Light Grey



Media Configurable Patch Panel

Molex's 16 Port configurable panel provides an unloaded panel that can be loaded with Molex's range of MOD-Clip jacks.

Configurable patch panels are designed to be loaded with individual jacks allowing for easy maintenance if jacks have to be removed or replaced. Suitable for small installations with the feature of expanding for future upgrades.

- 16 Ports 1U
- Standard 19" rack mount
- Unloaded MOD-Clip Aperture
- Universal front labelling system that accepts 13mm commercial labels for a professional appearance
- Accommodates PowerCat 6 and PowerCat UTP MOD-Clip jacks



MOD-Clip Jacks
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Order No.	SAP No.	Description
17.C014G	0182080055	16 Port Media Configurable Patch Panel, MOD-Clip Aperture - Unloaded, 1U

Media Outlet Solutions



PowerCat Unloaded DataGate Panels

The Molex PowerCat Unloaded DataGate Patch Panels can be configured to provide the exact number of modular ports required. DataGate Category 5e UTP, Category 6 UTP, or Category 6A shielded jacks can be terminated to cable and then snapped into this DataGate patch panel. The patch panel and rear cable manager are constructed of cold-rolled steel for strength and durability.

- Available in 1U 24P Flat, 1U 24P Angled, 2U 48P Flat, 2U 48P Angled
- Easy snap in DataGate UTP or Shielded Jacks (sold separately)
- Modularity provides installation flexibility
- Front portable labelling
- Individually removable patch panel ports
- Removable cable management shelf ensures bend radius compliance
- ANSI and metric hardware kit included
- Grounding screws included



Order No.	SAP No.	Description
PID-00258	180810031	PowerCat 24 Port DataGate Patch Panel, Unloaded UTP or Shielded - 1U
PID-00259	180810032	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U
PID-00260	180810033	PowerCat 48 Port DataGate Patch Panel, Unloaded UTP or Shielded - 2U
PID-00261	180810034	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U
KSJ-00005-0*	Consult Molex	Single Position Blank Module (Bag of 25)

* Colour Options - 2 = White, 4 = Black



Keystone Patch Panel

Molex's Keystone panel provides an unloaded panel that can be loaded with Molex's range of Keystone UTP jacks.

Keystone patch panels are designed to be loaded with individual jacks allowing for easy maintenance if jacks have to be removed or replaced. Suitable for small installations with the feature of expanding for future upgrades.

- 1U 24 Port
- Standard 19" rack mount
- Unloaded Keystone Aperture
- Universal front labelling system that accepts 13mm commercial labels for a professional appearance
- Accommodates PowerCat 6 and PowerCat UTP Keystone jacks



Keystone Jacks
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Order No.	SAP No.	Description
PID-00257	0180810023	24 Port Keystone Patch Panel - Unloaded - 1U



Universal System Patch Panel (USP)

The Universal System Patch Panel (USP) is an unloaded panel that can be loaded with data, fibre or coax modules for applications where a variety of media applications are required.

These field installable patch panels are designed to be loaded with USO II modules allowing for easy maintenance if jacks have to be removed or replaced. Suitable for small and medium installations with the feature of expanding for future upgrades.

- 1U 24 Port
- 2U 32 Port
- 3U 48 Ports
- Standard 19" rack mount
- Accommodates 25 x 50mm USO II fascias, enabling Category 5e or Category 6 performance
- Accommodates pre-loaded ST, SC, MT-RJ and LC 25 x 50mm fibre modules



Outlet Configuration Solutions
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Order No.	SAP No.	Description
PUS-00008	0180080020	16 Port Universal System Patch Panel - Unloaded, 1U
PUS-00009	0180090006	32 Port Universal System Patch Panel - Unloaded, 2U
PUS-00010	0180090007	48 Port Universal System Patch Panel - Unloaded, 3U

Media Outlet Solutions



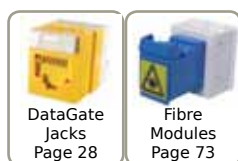
Multimedia Tamper Proof Enclosure

The Multimedia Tamper Proof Enclosure provides a 12 or 24 port to-the-desk solution that can be wall or surface mounted. Available in red or white the security enclosure features internal management rings for excess fibre or copper cabling and 25mm knockout holes for easy vertical or horizontal cable entry.

Designed to accept a suite of rear loaded UTP or optical fibre faceplates, the security enclosure has a clear perspex lid and provides a facility for security lugs (sold separately), enabling the user to secure their network.

- Available in 12 and 24 port variants
- Accommodates Molex PowerCat 6 and PowerCat DataGate Jacks
- Accommodates Synergy single Simplex SC, LC, MT-RJ or ST fibre modules
- Low profile for Inconspicuous Network Connecting
- Rear loading jacks to Reduce Tampering
- Tamper proof Clear Cover
- Available in White and Red

Order No.	SAP No.	Description
WFR-00048	0180970081	12 Port Multimedia Tamper Proof Enclosure - Red
WFR-00048-WH	0180970083	12 Port Multimedia Tamper Proof Enclosure - White
WFR-00054-OC	0180970093	24 Port Multimedia Tamper Proof Enclosure - Red
WFR-00054-02	0180970092	24 Port Multimedia Tamper Proof Enclosure - White
Accessories		
WFR-00049	0180970082	6 Port Multimedia Enclosure Faceplate, Unloaded - Red
WFR-00049-WH	0180970084	6 Port Multimedia Enclosure Faceplate, Unloaded - White
WFR-00050	0180970085	12 Port Multimedia Enclosure Faceplate, Shuttered Duplex SC, MM - Red
WFR-00050-WH	0180970086	12 Port Multimedia Enclosure Faceplate, Shuttered Duplex SC, MM - White
WFR-00051	0180970087	12 Port Multimedia Enclosure Faceplate, ST, MM - Red
WFR-00051-WH	0180970088	12 Port Multimedia Enclosure Faceplate, ST, MM - White
WFR-00052	0180970089	12 Port Multimedia Enclosure Faceplate, Shuttered LC, MM - Red
WFR-00052-WH	0180970090	12 Port Multimedia Enclosure Faceplate, Shuttered LC, MM - White
WFR-00055-OC	0180970094	Blank Faceplate - Red
WFR-00055-02	0180970095	Blank Faceplate - White



DataGate Jacks
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Fibre Modules
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WM-12

The WM-12 is a wall-mounted steel enclosure that provides up to 18 fibre ports in a minimum of space. The WM-12 has an integral configurable panel that accepts up to six Euromod modules.

Modules may be mixed for UTP, FTP, optical fibre and coax, making it the most versatile and compact wall mount enclosure for mixed media. Its design also guarantees that all of the media will be protected and proper fibre bend radius is maintained.

- Up to 18 fibre ports
- Fully configurable using Molex's Euromod modules
- Available with fully lockable steel doors when security is a primary concern



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Euromod Modules
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Order No.	SAP No.	Description
WFR-00018	0180090008	WM12 - Graphite Grey

Media Outlet
Solutions



Multi User Telecommunications Outlet
(MUTO)

The Multi User Telecommunications Outlet (MUTO) is the ideal solution for high-density fibre or copper requirements in the office environment. This sleek product holds up to twelve 25 x 50mm Euromod Modules or USO II fascias and is easily mounted near file servers, active devices, and workstations. The MUTO can also accommodate up to six 50 x 50mm Angled Fibre Modules.

- Aluminium main body
- Two metal end caps (angled)
- Two plastic end caps (flat)
- Four end cap screws
- Two plastic end plugs (for metal end caps)
- Two Snapz™ icon trees (alpha)
- Accommodates 25 x 50mm USO II fascias, enabling Category 5e or Category 6 performance
- Accommodates ST, SC, MT-RJ & LC Euromod 25 x 50mm and 50 x 50mm Angled Fibre Modules



Outlet
Configuration
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Order No.	SAP No.	Description
CPT-00004	0180080020	Multi User Telecommunications Outlet (MUTO)

Industrial Solutions



Molex's Industrial Solutions are specifically designed for installations within harsh environments. Ideally suited for manufacturing facilities, water treatment plants, transportation hubs and food and beverage facilities, the industrial solution features a unique bayonet latching system that ensures network

performance is constantly maintained.

Shielded Connectors

Enabling side and rear entry termination the connector is housed within a rugged Polyester covering. The connector features a bayonet style latch receptacle for quick and easy connection and proper mating depth. The latching mechanism provides one sealing surface which protects the connector from dust, moisture, dirt, vibration, chemicals, electromagnetic interference and temperature extremes, reducing the likelihood of product failure.

- Category 6
- Side and rear entry termination
- One sealing surface
- Bayonet style latch receptacle
- IP 67 and NEMA 6P ratings
- Suitable for extreme environments
- Water and dust tight for functional integrity
- Potted/ Sealed version available for extra durability
- Provides excellent signal isolation and provides Superior electromagnetic interference (EMI) properties

Order No.	SAP No.	Description
KSJ-00072	Consult	PowerCat 6 Industrial Connector, Shielded Category 6, RJ45, UTP - Black



Industrial Wallplates

- Stainless Steel Robust design
- Low profile for inconspicuous network connecting
- Single Gang - 120mm x 70mm x 11mm
- IP 67 rated

- Totally protected from the ingress of dust
- Protects against temporary immersion in water between 15cm - 1m for 30 minutes
- Accommodates Molex's Industrial Connector

Order No.	SAP No.	Description
WSS-00008	0181260001	1 Port, Industrial Solution Wallplate, RJ45 Aperture - Unloaded
WSS-00009	0181260002	2 Port, Industrial Solution Wallplate, RJ45 Aperture - Unloaded
WSS-00010	0181260003	1 Port, Industrial Solution Wallplate, LC Aperture - Unloaded
WSS-00011	0181260004	2 Port, Industrial Solution Wallplate, LC Aperture - Unloaded



UTP Patch Cords

Available in multiple lengths, the RJ45 plugs are housed within a rugged Polyester covering which features a bayonet style latch receptacle for quick and easy connection and proper mating depth. The latching mechanism provides one sealing surface which protects the plug from dust, moisture, dirt, vibration, chemicals, electromagnetic interference and temperature extremes, reducing the likelihood of product failure.

- Category 6
- One sealing surface
- Bayonet style latch receptacle
- IP 67 and NEMA 6P ratings
- Suitable for extreme environments
- Water and dust tight for functional integrity

Order No.	SAP No.	Description
84702-1***	Consult Molex	PowerCat Industrial Patch Cord, Bayonet RJ45 - Bayonet RJ45, UTP Sheath-Grey, 2m
84702-2***	Consult Molex	PowerCat 6 Industrial Patch Cord, Bayonet RJ45 - RJ45, UTP Sheath-Grey, 2m

*** Replace for Cable Length - 003 = 1m, 005 = 1.5m, 007 = 2m, 010 = 3m



FTP Patch Cords

Available in multiple lengths, the RJ45 plugs are housed within a rugged Polyester covering which features a bayonet style latch receptacle for quick and easy connection and proper mating depth. The latching mechanism provides one sealing surface which protects the plug from dust, moisture, dirt, vibration, chemicals, electromagnetic interference and temperature extremes, reducing the likelihood of product failure.

- Category 6
- One sealing surface
- Bayonet style latch receptacle
- IP 67 and NEMA 6P ratings
- Suitable for extreme environments
- Water and dust tight for functional integrity

Order No.	SAP No.	Description
PCD-00800	Consult Molex	PowerCat 6 Industrial Patch Cord, Bayonet RJ45 - Bayonet RJ45, FTP Sheath-Black, 2m
PCD-00801	Consult Molex	PowerCat 6 Industrial Patch Cord, Bayonet RJ45 - Bayonet RJ45, FTP Sheath-Black, 3m
PCD-00803	Consult Molex	PowerCat 6 Industrial Patch Cord, Bayonet RJ45 - RJ45, FTP Sheath-Black, 2m

*** Replace for Cable Length - 003 = 1m, 005 = 1.5m, 007 = 2m, 010 = 3m

Installation equipment **Simply Solved** ➤



**Molex offers a range of tools
and testers to aid installation of
copper and fibre systems.**



Tools & Testers

Termination Tools

Installation starts with having the right tool, the Molex terminations tools offer faultless termination for either Datagate 4 or Category 6 systems.



Testers

Standards have changed throughout the years but there has been one constant. Molex's range of continuity testers - is the mainstay of any installer's toolkit. This industry favourite, known for its long life and reliable performance is still available.





DataGate™ 4 Pair Termination Tool

The Molex DataGate 4 Pair Termination Tool is a robust and reliable product that offers faultless gas-tight terminations of all four pairs simultaneously. The tool frame is manufactured from high grade steel with die-cast termination heads. Designed specifically for use with Molex DataGate™, MOD-Clip™ and Keystone style jacks, the 4 Pair Termination Tool Frame is supplied unloaded into which either the UTP Termination Head (for termination of the UTP DataGate, MOD-Clip and Keystone jacks) or the C6A Termination Head (for termination of the C6A shielded DataGate and MOD-Clip jacks) is fitted.

- Designed specifically for the DataGate, MOD-Clip, Keystone and C6A Shielded Jacks
- Simple to operate
- Cables are terminated and neatly trimmed in one operation
- Tool Frame supplied unloaded. UTP and C6A Termination Heads supplied separately



Operation is uncomplicated and efficient. The jack is placed over the four cables that have been securely seated in the Termination Head. The Termination Head and jack are then pivoted into the cutting position and the handles depressed, resulting in cables that are firmly and accurately seated and neatly trimmed, in one simple operation.

Order No.	SAP No.	Description
31.0011	Consult Molex	4 Pair Termination Tool Frame
31.0012	Consult Molex	Termination Head UTP
31.0013	Consult Molex	Termination Head C6A



110 Punchdown Termination Tool

Termination Tool

Molex termination tools are designed to provide a reliable connection at a highly competitive price. Originally developed to support the Molex KATT connector, termination tools are also compatible with other industry standard IDC formats including 110 and LSA+. It offers low-impact force termination, which reduces strain on the installer.

- Low-impact termination force
- Scissor style cut off
- Wire cutting immobiliser switch
- Light-weight impact resistant handle
- Universal IDC compatibility



Data & Voice Cabling Termination Tool

Order No.	SAP No.	Description
31-001	0180380001	110 Punchdown Termination Tool
31-001-1	0180380002	Replacement 110 Punchdown Blade
DCN-00009	0182030009	Data & Voice Cabling Termination Tool
CSP-00018-04	180400053	Punchdown Terminating Puck (Black)



SLT3S™ Tester

The SLT3S Tester is a rugged, lightweight product designed to verify the integrity of 1, 2, 3, and 4 pair UTP channels. Incorporating a unique 3-in-1 design, this tester features built-in modular jacks for USOC, EIA 568A and 568B wiring sequences.

Simply connect the master and slave unit to each end of the cable under test, and the SLT3S automatically verifies correct cable sequence, as well as open and short circuits.

- Innovative 3-in-1 design features modular jacks for testing USOC, EIA 568A and 568B cabling systems
- Accurately verifies the continuity and sequence of 1, 2, 3 and 4 pair UTP and FTP channels
- Continuously-sequencing LED display provides a diagnostic readout that immediately detects shorts, opens, reversals and mis-wires at a glance
- Available in UTP and FTP version

Order No.	SAP No.	Description
33-100	0180390001	SLT3 UTP Tester (Master and Slave Units) with 9 Volt battery
33.B0020	0180390005	SLT3 UTP Tester with Carry Case
33A-100-10	0180390011	SLT3S Tester (Master and Slave Units) with 9 Volt battery

Order No. Reference

Order No.	SAP No.	Description	Page	Order No.	SAP No.	Description	Page
31.0011	Consult Molex	4 Pair Termination Tool Frame	108	106142-2400	1061422400	ESCON-ESCON Adapter, Phosphor Bronze, Snap Mount	57
31.0012	Consult Molex	Termination Head UTP	108	106143-0000	1061430000	ESCON-ST Adapter, Polymer Alignment, Snap Mount	57
31.0013	Consult Molex	Termination Head C6A	108	106143-0300	1061430300	ESCON-ST Adapter, Polymer Alignment, Flange Mount	57
106030-0200	1060300200	FDDI Connector, Multimode, 127µm, Zirconia PC Ferrule, Zipcord	54	106152-0100	1061520100	FC Adapter, Zirconia Alignment, Flange Mount	61
106030-0300	1060300300	FDDI Connector, Multimode, 127µm, Zirconia PC Ferrule, 4.8mm	54	106152-1000	1061521000	FC Adapter, Zirconia Alignment, "D" Hole Mount	61
106040-0100	1060400100	ESCON Connector, Multimode, 127µm, Zirconia PC Ferrule, 4.8mm	54	106152-2000	1061522000	FC/APC Adapter, Zirconia Alignment, Flange Mount	61
106040-0200	1060400200	ESCON Connector, Multimode, 127µm, Zirconia PC Ferrule, Zipcord	54	106152-3000	1061523000	FC/APC Adapter, Zirconia Alignment, "D" Hole Mount	61
106053-0500	1060530500	FC Connector, Multimode, Zirconia PC Ferrule, Buffered Fibre	54	106156-0100	1061560100	FC Adapter, Phosphor Bronze Alignment, Flange Mount	61
106053-3000	1060533000	FC Connector, Multimode, Zirconia PC Ferrule, 3.0mm	54	106156-1000	1061561000	FC Adapter, Phosphor Bronze Alignment, "D" Hole Mount	61
106053-5000	1060535000	FC Connector, Singlemode, Zirconia PC Ferrule, 3.0mm	54	106166-0200	Consult Molex	SC Duplex Adapter Shutter - Blue	58
106053-5500	1060535500	FC Connector, Singlemode, Zirconia PC Ferrule, Buffered Fibre	54	106166-0210	Consult Molex	SC Duplex Adapter Shutter - Beige	58
106055-5000	1060555000	FC/APC Connector, SM, 126µm, Zirconia APC Ferrule, 3.0mm, Tight Fit Key	54	106166-0500A	Consult Molex	SC/SC Duplex SM Zirconia Flange Mount Shuttered - Blue	58
106055-5500	1060555500	FC/APC Connector, SM, 126µm, Zirconia APC Ferrule, 900µm, Tight Fit Key	54	106166-0550	Consult Molex	SC/SC APC Duplex SM Zirconia Flange Mount Shuttered - Green	59
106056-5000	1060565000	FC/APC Connector, SM, 126µm, Zirconia APC Ferrule, 3.0mm, Standard Key	54	106166-0600	Consult Molex	SC/SC Duplex SM Zirconia Snap Mount Shuttered - Blue	58
106056-5500	1060565500	FC/APC Connector, SM, 126µm, Zirconia APC Ferrule, 900µm, Standard Key	54	106166-0650	Consult Molex	SC/SC APC Duplex SM Zirconia Snap Mount Shuttered - Green	59
106110-0000	1061100000	ST/ST Adapter, Singlemode, Polymer Body, Zirconia Alignment	61	106167-0410	Consult Molex	SC/SC Duplex MM Phosphor Bronze Flange Mount Shuttered - Aqua	58
106110-1000	1061101000	ST/ST Adapter, Singlemode, Metal Body, Zirconia Alignment	61	106167-0510A	Consult Molex	SC/SC Duplex MM Phosphor Bronze Flange Mount Shuttered - Beige	58
106112-0000	1061120000	ST/ST Adapter, Multimode, Polymer Body, Phosphor Bronze Alignment	61	106167-0610	Consult Molex	SC/SC Duplex MM Phosphor Bronze Snap Mount Shuttered - Beige	58
106112-1000	1061121000	ST/ST Adapter, Multimode, Metal Body, Phosphor Bronze Alignment	61	106167-0620	Consult Molex	SC/SC Duplex MM Phosphor Bronze Snap Shuttered - Aqua	58
106113-0000	1061130000	ST/ST Adapter, Multimode, Polymer Body, Polymer Alignment Sleeve	61	106167-1000	1061671000	SC/ST Duplex, Singlemode, Phosphor Bronze, Flange Mount	58
106113-1000	1061131000	ST/ST Adapter, Multimode, Metal Body, Polymer Alignment Sleeve	61	106167-1010	1061671010	SC/ST Duplex, Multimode, Phosphor Bronze, Flange Mount	58
106123-0200	Consult Molex	LC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - Blue	60	106167-1100	1061671100	SC/ST Duplex, Singlemode, Phosphor Bronze, Snap Mount	58
106123-0400	Consult Molex	LC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - Blue	60	106167-1110	1061671110	SC/ST Duplex, Multimode, Phosphor Bronze, Snap Mount	58
106123-1200	Consult Molex	LC Shuttered Quad, Phosphor Bronze Alignment Sleeve, Flange Mount - Beige	60	106167-1500	1061671500	SC/ST Shuttered Duplex, Singlemode, Phosphor Bronze, Flange Mount	58
106123-1400	Consult Molex	LC Shuttered Quad, Phosphor Bronze Alignment Sleeve, Snap Mount - Beige	60	106167-1510	1061671510	SC/ST Shuttered Duplex, Multimode, Phosphor Bronze, Flange Mount	58
106123-2200	Consult Molex	LC/APC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - Green	60	106167-1600	1061671600	SC/ST Shuttered Duplex, Singlemode, Phosphor Bronze, Snap Mount	58
106123-2400	Consult Molex	LC/APC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - Green	60	106167-1610	1061671610	SC/ST Shuttered Duplex, Multimode, Phosphor Bronze, Snap Mount	58
106123-3200	Consult Molex	LC Shuttered Quad, Phosphor Bronze Alignment Sleeve, Flange Mount - Aqua	60	106172-0000	1061720000	ST/FC Adapter, Singlemode/Multimode, Metal Body, Zirconia Alignment	61
106123-3400	Consult Molex	LC Shuttered Quad, Phosphor Bronze Alignment Sleeve, Snap Mount - Aqua	60	106172-0000	1061720000	FC-ST Adapter, Zirconia Alignment, Flange Mount	61
106127-0350	Consult Molex	LC-LC Shuttered Duplex MM OM3 Phosper Bronze Flange Mount - Aqua	59	15.B016G	180280004	LI-24 - Graphite Grey	65
106127-0410	Consult Molex	LC-LC Shuttered Duplex MM OM1/OM2 Phosper Bronze Snap Mount - Beige	59	17.1B.011.A0042	182080033	PowerCat 5e Euromod RJLP Module RJ45 568B UTP - White	34
106127-1300A	1061271300A	LC Shuttered Duplex, Singlemode, Zirconia Alignment	59	17.A0162	181210015	25 x 50mm Duplex SC Module, Multimode - 1 Adapter	74
106127-1310A	1061271310A	LC Shuttered Duplex, Multimode, Phosphor Bronze Alignment	59	17.A0172	181210014	25 x 50mm Duplex SC Module, Singlemode - 1 Adapter	74
106127-1350	Consult Molex	LC-LC Shuttered Duplex SM OS1 Zirconia Ceramic Flange Mount - Green	59	17.A0182	182620006	25 x 50mm Duplex SC-ST Module, Multimode - 1 Adapter	74
106127-1400	Consult Molex	LC-LC Shuttered Duplex SM OS1 Zirconia Ceramic Snap Mount - Blue	59	17.A0192	182620007	25 x 50mm Duplex SC-ST Module, Singlemode - 1 Adapter	74
106127-1450	Consult Molex	LC-LC Shuttered Duplex SM OS1 Zirconia Ceramic Snap Mount - Green	59	17.A0202	184000467	25 x 50mm Shuttered Duplex SC Module, Multimode - 1 Adapter	74
106127-1610	Consult Molex	LC-LC Shuttered Duplex MM OM3 Phosper Bronze Snap Mount - Aqua	59	17.A0212	184000466	25 x 50mm Shuttered Duplex SC Module, Singlemode - 1 Adapter	74
106130-0500	1061300500	FDDI-ST Adapter, Zirconia Alignment, Snap Mount, Removable Keys	57	17.A0222	182620008	25 x 50mm Shuttered Duplex SC-ST Module, Multimode - 1 Adapter	74
106130-0600	1061300600	FDDI-ST Adapter, Zirconia Alignment, Flange Mount, Removable Keys	57	17.B155G	180080015	24 Port Configurable Fibre Sliding Drawer-Lockable - Unloaded	65
106133-0500	1061330500	FDDI-ST Adapter, Polymer Alignment, Snap Mount, Removable Keys	57	17.C0012	181770001	Unlabelled Three Port Euromod Wallplate, 114mm x 71mm x 9mm - Unloaded	97
106133-0600	1061330600	FDDI-ST Adapter, Polymer Alignment, Flange Mount, Removable Keys	57	17.C014G	182080055	16 Port Media Configurable Patch Panel, MOD-Clip Aperture - Unloaded, 1U	100
106140-0000	1061400000	ESCON-ST Adapter, Zirconia Ceramic Alignment, Snap Mount	57	17.C101G	180100001	WR12 Fibre Enclosure, ST Aperture - Unloaded	66
106140-0300	1061400300	ESCON-ST Adapter, Zirconia Ceramic Alignment, Flange Mount	57	17.C102G	180100002	WR12 Fibre Enclosure, Duplex SC Aperture - Unloaded	66
106140-2300	1061402300	ESCON-ESCON Adapter, Zirconia Ceramic Alignment, Flange Mount	57	17.C103G	180100003	WR12 Blank Fascia	66
106140-2400	1061402400	ESCON-ESCON Adapter, Zirconia Ceramic Alignment, Snap Mount	57	17.C104G	180100004	WR12 Rack Mount Ears	66
106142-2300	1061422300	ESCON-ESCON Adapter, Phosphor Bronze, Flange Mount	57	17.C130G	180100007	WR24 Fibre Enclosure, ST Aperture - Unloaded	66
				17.C139G	180100005	WR24 Fibre Enclosure, Duplex SC Aperture - Unloaded	66
				17-0101-02	Consult Molex	Euromod Single Gang Wallplate, 50mm x 50mm, No Labelling Facility	97
				17-0102-02	Consult Molex	Euromod Double Gang Wallplate, 50mm x 100mm, No Labelling Facility	97

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17-0111-02	180060058	Euromod Single Gang Wallplate, 50mm x 50mm, Labelling Facility	97	25.B018G	180310010	Blank Panels, 1U	88
17-0112-02	181390002	Euromod Double Gang Wallplate, 50mm x 100mm, Labelling Facility	97	25.B0284	181050019	1U Side Ring	88
17-0412-02	180060060	Euromod Quarter (12.5 x 50mm) Blank - White	29	25.B035G	180320007	Deep Ring Run Panel, 1U	88
17-0412-02	180060060	Euromod Quarter (12.5 x 50mm) Blank - White	34	25.B0364	181050020	1U Side Ring Deep	88
17-0412-02	180060060	Euromod Quarter (12.5 x 50mm) Blank - White	97	25.B0424	181050021	2U Side Ring	88
17-0413-02	180060061	Euromod Half (25 x 50mm) Blank - White	29	25.B058G	180320008	Recessed Double Density Ring Run Panel, 2U	88
17-0413-02	180060061	Euromod Half (25 x 50mm) Blank - White	34	25.B059G	180320019	Front and Rear Ring Run Panel, 2U	88
17-0413-02	180060061	Euromod Half (25 x 50mm) Blank - White	97	25.C0015B	Consult Molex	Double Density Cable Management Ring	88
17-0414-02	180060062	Euromod Full (50 x 50mm) Blank - White	29	25.C001G	180330001	Cable Management Panel, 1U	88
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17-0414-02	180060062	Euromod Full (50 x 50mm) Blank - White	97	36.B022G	180410012	200 Pair 4U PDS Panel (no connectors)	40
18262-0031	182620031	SC Singlemode Duplex 2mm Connector - Blue Boot	53	36.B040G	180410015	200 Pair PDS Panel 3U (no connectors)	40
18262-0032	182620032	SC Multimode Duplex 2mm Connector - Beige Boot	53	36.C0054	180410044	PDS Wall Mount Frame, 300 pair - Unloaded	41
18262-0033	182620033	SC Multimode 900µm Connector kit - Beige Boot	53	36.C0064	180410045	PDS Wall Mount Frame, 900 pair - Unloaded	41
18262-0034	182620034	LC Multimode 900µm Connector kit - White Boot	53	36.C0074	180410035	PDS Wall Mount Frame Vertical Drip Tray	41
18262-0035	182620035	LC Multimode Duplex 2mm Connector kit - White Boot	53	36.C0084	180410036	PDS Wall Mount Frame Drip Tray	41
18262-0036	182620036	ST Multimode 2mm Connector kit - Black Boot	53	36.C0094	180410037	PDS Wall Mount Frame Shallow Ring Run	41
18262-0037	182620037	ST Multimode 2mm Connector kit - Red Boot	53	36.C0104	180410038	PDS Wall Mount Frame Deep Ring Run	41
18262-0038	182620038	ST Multimode 900µm Connector kit - Black Boot	53	36.C0114	180410034	PDS Wall Mount Frame Vertical Ring Run	41
18262-0039	182620039	ST Singlemode 900µm Connector kit - Blue Boot	53	36.C0204	Consult Molex	PDS 300 Pair Wall Mount Frame Kit, Shallow - Unloaded	41
18262-0040	182620040	ST Singlemode 2mm Connector kit - Yellow Boot	53	36.C0214	Consult Molex	PDS 300 Pair Wall Mount Frame Kit, Deep - Unloaded	41
18262-0041	182620041	LC Singlemode 900µm Connector kit - White Boot	53	36.C0244	Consult Molex	PDS 900 Pair Wall Mount Frame Kit, Shallow - Unloaded	41
18262-0042	182620042	LC Singlemode Duplex 2mm Connector kit - Blue Boot	53	36.C0254	Consult Molex	PDS 900 Pair Wall Mount Frame Kit, Deep - Unloaded	41
18262-0043	182620043	SC Singlemode 900µm Connector kit - Blue Boot	53	36.C0284	180410043	288 Pair Wall Mount Frame Vertical Ring Run Kit	39
18262-0045	182620045	SC Singlemode Angle Polish Duplex 2mm Connector - Green Boot	53	36.C0294	180410048	864 Pair Wall Mount Frame Vertical Ring Run Kit	39
18262-0046	182620046	SC Multimode Angle Polish Duplex 900µm Connector - Green Boot	53	39.B0180	180480012	100 Pair Category 3 UTP Cable, PVC - Grey	94
18262-0047	182620047	ST Multimode 3mm Connector kit - Black Boot	53	39-125	180480001	25 Pair Category 3 UTP Cable, PVC - Grey	94
18262-0048	182620048	ST Multimode 3mm Connector kit - Red Boot	53	42.1B.011.A003*	182080061	PowerCat 5e MOD-SNAP RJLP Module RJ45 568B UTP - White	33
18262-0049	182620049	ST Singlemode 3mm Connector kit - Yellow Boot	53	42-311-02	181400006	MOD-SNAP Single Gang, Single Aperture, 86mm x 86mm - Unloaded	97
18282-0033	182820033	SC/SC Duplex MM Phosphor Bronze Flange Mount Unshuttered - Beige	58	42-312-02	181400005	MOD-SNAP Single Gang, Double Aperture, 86mm x 86mm - Unloaded	97
18282-0034	182820034	SC/SC Duplex MM Phosphor Bronze Snap Unshuttered - Beige	58	42-314-02	181400008	MOD-SNAP Double Gang, 4 Aperture, 86mm x 146mm - Unloaded	97
18282-0035	182820035	SC/SC Duplex MM Phosphor Bronze Flange Mount Unshuttered - Aqua	58	84702-1***	Consult Molex	PowerCat Industrial Patch Cord, Bayonet RJ45 - Bayonet RJ45, UTP Sheath-Grey, 2m	105
18282-0036	182820036	SC/SC Duplex MM Phosphor Bronze Snap Unshuttered - Aqua	58	84702-2***	Consult Molex	PowerCat 6 Industrial Patch Cord, Bayonet RJ45 - RJ45, UTP Sheath-Grey, 2m	105
18282-0037	182820037	SC/SC Duplex SM Zirconia Flange Mount Unshuttered - Blue	58	86117-1401	861171401	6 Fibre Shuttered MT-RJ Adapter Plate, Singlemode/Multimode	68
18282-0038	182820038	SC/SC Duplex SM Zirconia Snap Mount Unshuttered - Blue	58	86710-5000	867105000	Oven Cure Consumable Kit	54
18282-0039	182820039	SC/SC APC Duplex SM Zirconia Flange Mount Unshuttered - Green	59	88479-9223	Consult Molex mOLEX	Rear Cable Manager	26
18282-0040	182820040	SC/SC APC Duplex SM Zirconia Snap Mount Unshuttered - Green	59	91.10.331.00B00-6	Consult Molex	ST Pigtail, 1 Fibre, 50µm (OM3) MM - 1m	50
18282-0041	182820041	LC Unshuttered Duplex, MM, Flange Mount, Phosphor Bronze Alignment - Beige	59	91.10.531.00B00-6	180590547	ST Pigtail, 1 Fibre, 50µm (OM2) MM - 1m	50
18282-0042	182820042	LC Unshuttered Duplex, MM, Snap Mount, Phosphor Bronze Alignment - Beige	59	91.10.631.00B00-6	180590363	ST Pigtail, 1 Fibre, 62.5µm (OM1) MM - 1m	50
18282-0043	182820043	LC Unshuttered Duplex, MM, Flange Mount, Phosphor Bronze Alignment - Aqua	59	91.10.831.00B00-6	180590446	ST Pigtail, 1 Fibre, (OS1/2) SM - 1m	50
18282-0044	182820044	LC Unshuttered Duplex, MM, Snap Mount, Phosphor Bronze Alignment - Aqua	59	91.30.332.00B00-6	180590548	SC Pigtails 6 PC X 1 Fibre 50µm (OM3) MM - 1.5M	50
18282-0045	182820045	LC Unshuttered Duplex, SM, Flange Mount, Zirconia Alignment - Blue	59	91.30.432.00B00-6	180610110	SC Pigtails 6 PC X 1 Fibre 50µm (OM4) MM - 1.5M	50
18282-0046	182820046	LC Unshuttered Duplex, SM, Snap Mount, Zirconia Alignment - Blue	59	91.30.532.00B00-6	180590549	SC Pigtails 6 PC X 1 Fibre 50µm (OM2) MM - 1.5M	50
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18282-0048	182820048	LC Unshuttered APC Duplex, SM, Snap Mount, Zirconia Alignment - Green	59	91.30.832.00B00-6	180590550	SC Pigtails 6 PC X 1 Fibre 9µm (OS1/2) SM - 1.5M	50
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KPC-00107-0E	180420097	4 Pair - 4 Pair, Category 5e, 3m	41	KSJ-00035-04	Consult Molex	PowerCat 6 DataGate Jack RJ45 568A/B Shielded - Black Shutter	28
KPC-00108-0E	180420098	4 Pair - 4 Pair, Category 5e, 5m	41	KSJ-00062-**	Consult Molex	PowerCat 6A Jack RJ45 568A/B Shielded	16
KPC-00109-0E	180440006	2 Pair - 2 Pair, Category 5e, 1m	41	KSJ-00064-**	Consult Molex	Keystone Blank	32
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KPC-00114-0E	181480005	1 Pair - 1 Pair, Category 5e, 2m	41	KSJ-00089	180430046	Category 6, G3 UTP MIIM, Keystone Jack - white	11
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KPC-00117-0E	180820007	4 Pair - RJ45, Category 5e, 568A, 1m	41	KSP-00001	Consult Molex	Category 6A Field Termination Plug	20
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KPC-00119-0E	180820008	4 Pair - RJ45, Category 5e, 568A, 3m	41	MEU-00006-02	Consult Molex	Angled ST Module, Singlemode - 4 Adapters	74
KPC-00120-0E	180820009	4 Pair - RJ45, Category 5e, 568A, 5m	41	MEU-00007-02	Consult Molex	Angled ST Module, Multimode - 2 Adapters	74
KPC-00161-0E	Consult Molex	4 Pair - 4 Pair, Category 6 PDS Patch Cord - 1m	39	MEU-00009-02	181210016	Angled Shuttered Duplex SC Module, Multimode -2 Adapters	74
KPC-00162-0E	Consult Molex	4 Pair - 4 Pair, Category 6 PDS Patch Cord - 2m	39	MEU-00010-02	182620000	Angled Shuttered Duplex SC Module, Singlemode -2 Adapters	74
KPC-00163-0E	Consult Molex	4 Pair - 4 Pair, Category 6 PDS Patch Cord - 3m	39	MEU-00011-02	Consult Molex	Angled Shuttered Duplex SC Module, Multimode -1 Adapter	74
KPC-00165-0E	Consult Molex	4 Pair - 4 Pair, Category 6 PDS Patch Cord - 5m	39	MEU-00012-02	Consult Molex	Angled Shuttered Duplex SC Module, Singlemode -1 Adapter	74
KPC-00171-0E	Consult Molex	4 Pair - RJ45, Category 6 PDS Patch Cord - 1m	39	MEU-00013-02	182620001	Angled Shuttered Duplex SC-ST Module, Multi-mode - 2 Adapters	74
KPC-00172-0E	Consult Molex	4 Pair - RJ45, Category 6 PDS Patch Cord - 2m	39	MEU-00014-02	182620002	Angled Shuttered Duplex SC-ST Module, Sing-lemode - 2 Adapters	74
KPC-00173-0E	Consult Molex	4 Pair - RJ45, Category 6 PDS Patch Cord - 3m	39	MEU-00019-02	182080034	PowerCat 5e Angled Euromod RJLP Module RJ45 568B UTP - White	34
KPC-00175-0E	Consult Molex	4 Pair - RJ45, Category 6 PDS Patch Cord - 5m	39	MEU-00029-02	181490006	25 x 50mm LC Module, Singlemode - 2 Adapters	74
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KPC-00185-0E	Consult Molex	2 Pair - 2 Pair PDS Patch Cord - 2m	39	MEU-00065-02	183010005	PowerCat 6A Angled Euromod II RJ45 Module, 568A/B - White	21
KPC-00186-0E	Consult Molex	2 Pair - 2 Pair PDS Patch Cord - 3m	39	MEU-00065-04	183010012	PowerCat 6A Angled Euromod II RJ45 Module, 568A/B - Black	21
KPD-00045	181980031	100 Pair Block with legs (24 x C4 connectors)	40	MEU-00067-02	182620012	25 x 50mm LC Module, Multimode - 2 Adapters	74
KPD-00046	181980032	100 Pair Block with legs (20 x C5 connectors)	40	MEU-00070-**	Consult Molex	PowerCat 6A Angled Side Entry Euromod II Mod-ule, RJ45 568A/B, Shielded	21
KPD-00047	181980033	300 Pair Block with legs (72 x C4 connectors)	40	MGB-00001-02	181770082	PowerCat 6 Angled Contura Module RJ45 568A/B UTP - White	29
KPD-00048	181980034	300 Pair Block with legs (60 x C5 connectors)	40	MGB-00002-02	181770216	Contura Module Blank - White	29
KPD-00058	181980022	110-C4 Connectors (Bag of 100)	40	MGB-00002-02	181770216	Contura Blank Module - White	97
KPD-00059	181980023	110-C5 Connectors (Bag of 100)	40	MGB-00006-02	183010004	PowerCat 6A Angled Contura RJ45 Module, 568A/B - White	18
KPD-00060	181980043	200 Pair 3U PDS Panel (48 x 110 C4 connectors)	40	MLCDLC120M1	181810142	12 Port ModLink Cassette, Duplex LC, OM1 62.5µm Multimode	78
KPD-00061	181980044	200 Pair 3U PDS Panel (40 x 110 C5 connectors)	40	MLCDLC120M2	181810147	12 Port ModLink Cassette, Duplex LC, OM2 50µm Multimode	78
KPD-00062	181980045	200 Pair 4U PDS Panel (48 x 110 C4 connectors)	40	MLCDLC120M3L	Consult Molex	12 Port ModLink Cassette, Duplex LC, OM3 50µm Multimode, Low Loss	78
KPD-00063	181980046	200 Pair 4U PDS Panel (40 x 110 C5 connectors)	40	MLCDLC120M4L	Consult Molex	12 Port ModLink Cassette, Duplex LC, OM4 50µm Multimode, Low Loss	78
KPD-00066	181980024	PDS 300 Pair Wall Mount Frame Kit, Shallow (with C4 & C5 connectors)	41	MLCDLC120S2L	Consult Molex	12 Port ModLink Cassette, Duplex LC, OS1/2 Singlemode	78
KPD-00067	181980082	PDS 300 Pair Wall Mount Frame Kit, Deep (with C4 & C5 connectors)	41	MLCDSC120M1	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM1 62.5µm Multimode	78
KPD-00068	181980083	PDS 900 Pair Wall Mount Frame Kit, Shallow (with C4 & C5 connectors)	41	MLCDSC120M2	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM2 50µm Multimode	78
KPD-00069	181980084	PDS 900 Pair Wall Mount Frame Kit, Deep (with C4 & C5 connectors)	41	MLCDSC120M3L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM3 50µm Multimode, Low Loss	78
KPD-00078	181980088	96 Pair Base Without Legs (24 Category 6 4 Pair IDC Connectors) C6	38	MLCDSC120M4L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM4 50µm Multimode, Low Loss	78
KPD-00079	181980068	96 Pair Base With Legs (24 Category 6 4 Pair IDC Connectors) C6	38	MLCDSC120S2L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OS1/2 Singlemode	78
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KPD-00081	Consult Molex	192 Pair Rack Mount Panel (48 Category 6 4 Pair IDC Connectors) C6 - 4U	38	MLCDSC120M2	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM2 50µm Multimode	78
KPD-00082	Consult Molex	288 Pair Wall Mount, Shallow, 4 Pair IDC Con-nectors	39	MLCDSC120M3L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM3 50µm Multimode, Low Loss	78
KPD-00083	Consult Molex	288 Pair Wall Mount, Deep, 4 Pair IDC Connectors	39	MLCDSC120M4L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM4 50µm Multimode, Low Loss	78
KPD-00084	Consult Molex	864 Pair Wall Mount, Shallow, 4 Pair IDC Con-nectors	39	MLCDSC120S2L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OS1/2 Singlemode	78
KPD-00085	Consult Molex	864 Pair Wall Mount, Deep, 4 Pair IDC Connectors	39	MLCDSC120M1	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM1 62.5µm Multimode	78
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KPD-00087	181980070	Category 6 110 Style Multi-Pair Termination Tool with Head and Handle	39	MLCDSC120M3L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM3 50µm Multimode, Low Loss	78
KPD-00088	181980071	4 Pair IDC Connectors (Each) C6	38	MLCDSC120M4L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM4 50µm Multimode, Low Loss	78
KPD-00089	181980072	96 Pair Base Without Legs (No Connectors) C6	38	MLCDSC120S2L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OS1/2 Singlemode	78
KPD-00090	181980073	96 Pair Base With Legs (No Connectors) C6	38	MLCMTR120M1	Consult Molex	12 Port ModLink Cassette, MT-RJ, OM1 62.5µm Multimode	78
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MLCMTR120M3L	Consult Molex	12 Port ModLink Cassette, MTRJ, OM3 50µm Multimode, Low Loss	78	PCD-02000-**	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 0.5m	23
MLCMTR120M4L	Consult Molex	12 Port ModLink Cassette, MT-RJ, OM4 50µm Multimode, Low Loss	78	PCD-02001-**	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 1m	23
MLCMTR120S2L	Consult Molex	12 Port ModLink Cassette, MTRJ, OS1/2 Singlemode	78	PCD-02002-**	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 1.5m	23
MLCQLC120M1	180370268	12 Port ModLink Cassette, Quad LC, OM1 62.5µm Multimode	78	PCD-02003-**	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 2m	23
MLCQLC120M2	180370267	12 Port ModLink Cassette, Quad LC, OM2 50µm Multimode	78	PCD-02005-**	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 3m	23
MLCQLC120M3L	Consult Molex	12 Port ModLink Cassette, Quad LC, OM3 50µm Multimode, Low Loss	78	PCD-02009-**	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 5m	23
MLCQLC120M4L	Consult Molex	12 Port ModLink Cassette, Quad LC, OM4 50µm Multimode, Low Loss	78	PCD-02013-**	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 7m	23
MLCQLC120S2L	Consult Molex	12 Port ModLink Cassette, Quad LC, OS1/2 Singlemode	78	PCD-02019-**	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 10m	23
MLCQLC240M1	Consult Molex	24 Port ModLink Cassette, Quad LC, OM1 62.5µm Multimode	78	PCD-04001-**	Consult Molex	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 1m	23
MLCQLC240M2	Consult Molex	24 Port ModLink Cassette, Quad LC, OM2 50µm Multimode	78	PCD-04003-**	Consult Molex	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 2m	23
MLCQLC240M3L	Consult Molex	24 Port ModLink Cassette, Quad LC, Low Loss, OM3 50µm Multimode	78	PCD-04005-**	Consult Molex	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 3m	23
MLCQLC240M4L	Consult Molex	24 Port ModLink Cassette, Quad LC, Low Loss, OM4 50µm Multimode	78	PCD-04009-**	Consult Molex	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 5m	23
MLCQLC240S2L	Consult Molex	24 Port ModLink Cassette, Quad LC, Low Loss, OS2 Singlemode	78	PCD-04013-**	Consult Molex	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 7m	23
MMC-00017-02	183010020	PowerCat 6A MOD-Clip Shielded Jack 8W 568 A/B White	21	PCD-04019-**	Consult Molex	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 10m	23
MMC-00017-04	183010019	PowerCat 6A MOD-Clip Shielded Jack 8W 568 A/B Black	21	PCD-07000-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 1m	15
MMC-00020-**	Consult Molex	PowerCat 6A Side Entry MOD-Clip DataGate Jack, RJ45, 568A/B Shielded	21	PCD-07000-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 1m	18
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MMS-00014-**	Consult Molex	MOD-SNAP Module Blank	29	PCD-07001-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 2m	18
MMS-00014-0*	181170009	MOD-SNAP Module Blank - White	33	PCD-07002-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 3m	15
MMS-00014-02	Consult Molex	MOD-SNAP Blank Module - White	97	PCD-07002-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 3m	18
MMS-00017-02	183010003	PowerCat 6A Angled MOD-SNAP III RJ45 Module, 568A/B - White	21	PCD-07004-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 5m	15
MMS-00017-04	183010011	PowerCat 6A Angled MOD-SNAP III RJ45 Module, 568A/B - Black	21	PCD-07004-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 5m	18
MMS-00019-**	Consult Molex	PowerCat 6A Angled Side Entry MOD-SNAP III Module RJ45 568B, Shielded	21	PCD-07006-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 7m	15
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MSY-00003-**	Consult Molex	Single ST Module, Singlemode/Multimode	73	PCD-07009-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 10m	15
MSY-00018-**	Consult Molex	Simplex Shuttered SC Module, Singlemode	73	PCD-07054-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 4m	19
MSY-00032-0*	Consult Molex	Single Position S Video Coupler Module	100	PCD-07055-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 6m	19
MSY-00033-R*	Consult Molex	Single Position RCA Coupler Red Module	100	PCD-07056-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 8m	19
MSY-00033-W*	Consult Molex	Single Position RCA Coupler White Module	100	PCD-07057-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 10m	19
MSY-00033-Y*	Consult Molex	Single Position RCA Coupler Yellow Module	100	PCD-07058-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 20m	19
MSY-00036-0*	Consult Molex	Single Position BNC Coupler Module	100	PCD-07059-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 30m	19
MSY-00040-**	Consult Molex	Single LC Module, Multimode	73	PCD-07060-VL	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, LS0H, Violet - 40m	19
MUS-00057-0*	Consult Molex	USO II Single Port Fascia - Unloaded (bag of 25)	96	PCD-07061-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 1.5m	15
MUS-00058-0*	Consult Molex	USO II Double Port Fascia - Unloaded (bag of 25)	96	PCD-07061-**	Consult Molex	PowerCat 6A Patch Cord 568A/B Shielded, LS0H - 1.5m	18
MUS-00059-0*	Consult Molex	USO II Module Blank (bag of 20)	96	PCD-07065	Consult Molex	Pack of 5 Keys for Locking Patch Cords	19
MUS-00091-02	182050038	25x50mm Category 5e Dual Feed Through Module - White	100	PCD-07069-0E	Consult Molex	Locking Patch cord RJ45-RJ45, 568B, F/FTP, Stranded, PowerCat 6A, LS0H 1 m Grey	19
PCD-00464-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 4m	23	PCD-07071-0E	Consult Molex	Locking Patch cord RJ45-RJ45, 568B, F/FTP, Stranded, PowerCat 6A, LS0H 1 m Grey	19
PCD-00465-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 6m	23	PCD-07073-0E	Consult Molex	Locking Patch cord RJ45-RJ45, 568B, F/FTP, Stranded, PowerCat 6A, LS0H 1 m Grey	19
PCD-00466-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 8m	23	PCD-07077-0E	Consult Molex	Locking Patch cord RJ45-RJ45, 568B, F/FTP, Stranded, PowerCat 6A, LS0H 1 m Grey	19
PCD-00467-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 10m	23	PCD-07079-0E	Consult Molex	Locking Patch cord RJ45-RJ45, 568B, F/FTP, Stranded, PowerCat 6A, LS0H 1 m Grey	19
PCD-00468-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 20m	23	PCD-07082-0E	Consult Molex	Locking Patch cord RJ45-RJ45, 568B, F/FTP, Stranded, PowerCat 6A, LS0H 1 m Grey	19
PCD-00469-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 30m	23	PID-00073	181820012	PowerCat 5e 48 Port High Density Patch Panel RJ45 56B UTP Category 5e 1U	32
PCD-00470-0P	Consult Molex	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 40m	23	PID-00074	181820013	PowerCat 5e 32 Port High Density Patch Panel, 1U, 568B	32
PCD-00800	Consult Molex	PowerCat 6 Industrial Patch Cord, Bayonet RJ45 - Bayonet RJ45, FTP Sheath-Black, 2m	106	PID-00076	182080054	1U 24 Port Multimedia Patch Panel	26
PCD-00801	Consult Molex	PowerCat 6 Industrial Patch Cord, Bayonet RJ45 - Bayonet RJ45, FTP Sheath-Black, 3m	106	PID-00117	Consult Molex	1U Back Mount Panel 30 Pair - Unloaded	90
PCD-00803	Consult Molex	PowerCat 6 Industrial Patch Cord, Bayonet RJ45 - RJ45, FTP Sheath-Black, 2m	106	PID-00123	Consult Molex	2U Back Mount Panel 90 Pair - Unloaded	90
PCD-01000-**	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 0.5m	30	PID-00124	182080438	3U Back Mount Panel 150 Pair - Unloaded	91
PCD-01001-**	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 1m	30	PID-00141	182040009	PowerCat 6 24 Port Patch Panel RJ45 568A/B UTP C6 - 1U	24
PCD-01002-**	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 1.5m	30	PID-00142	182040010	PowerCat 6 48 Port Patch Panel RJ45 568A/B UTP C6 - 2U	24
PCD-01003-**	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 2m	30	PID-00145	182040013	50 Port Voice Panel RJ45 UTP 1U - Pairs 3/6, 4/5	90
PCD-01005-**	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 3m	30				
PCD-01009-**	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 5m	30				
PCD-01013-**	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 7m	30				

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PID-00155	182080295	PowerCat 5e 48 Port Angled Patch Panel RJ45 568A/B UTP - 2U	31	RFR-00178	180370253	WR48 Fibre Enclosure, Simplex SC/LC Aperture - Unloaded	66
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PID-00218	182960001	PowerCat 6A 24 Port Angled Patch Panel 568A/B Shielded - 1U	17	RFR-00319	183230014	MIIM G3 48F Duplex LC SM Fiber Patch Panel, W/O control unit	11
PID-00219	182960002	PowerCat 6A 48 Port Patch Panel 568A/B Shielded - 2U	17	RFR-00320	183230015	MIIM G3 48F Duplex LC MM Fiber Patch Panel, with control unit	A-2
PID-00220	182960003	PowerCat 6A 48 Port Angled Patch Panel 568A/B Shielded - 2U	17	RFR-00321	183230016	MIIM G3 48F Duplex LC SM Fiber Patch Panel, with control unit	A-2
PID-00257	180810023	24 Port Keystone Patch Panel - Unloaded - 1U	14	SBX-00004-02	Consult Molex	PowerCat 1 Port Synergy Surface Box, Unloaded - White	95
PID-00257	Consult Molex	24 Port Keystone Patch Panel - Unloaded, 1U	25	SP135295	Consult Molex	86 x 86mm 1 Port Keystone Jack Wallplate, Shuttered, White - Unloaded	98
PID-00257	180810023	24 Port Keystone Patch Panel - Unloaded - 1U	32	SP135296	Consult Molex	86 x 86mm 2 Port Keystone Jack Wallplate, Shuttered, White - Unloaded	98
PID-00257	180810023	24 Port Keystone Patch Panel - Unloaded - 1U	101	SP135297	Consult Molex	86 x 86mm 4 Port Keystone Jack Wallplate, Shuttered, White - Unloaded	98
PID-00258	180810031	PowerCat 24 Port DataGate Patch Panel, Unloaded UTP or Shielded - 1U	17	SSY-00014-02	181340013	PowerCat 2 Port Synergy Surface Box, Unloaded - White	95
PID-00258	180810031	PowerCat 24 Port DataGate Patch Panel, Unloaded UTP or Shielded - 1U	24	SSY-00015-02	181340016	PowerCat 4 Port Synergy Surface Box, Unloaded - White	95
PID-00258	180810031	PowerCat 24 Port DataGate Patch Panel, Unloaded UTP or Shielded - 1U	31	SSY-00016-02	181340019	PowerCat 6 Port Synergy Surface Box, Unloaded - White	95
PID-00258	180810031	PowerCat 24 Port DataGate Patch Panel, Unloaded UTP or Shielded - 1U	101	WFR-00010-02	180970009	6 Port ST 601 Enclosure, Multimode	64
PID-00259	180810032	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U	17	WFR-00011-02	180970010	6 Port ST 601 Enclosure, Singlemode	64
PID-00259	180810032	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U	24	WFR-00015-02	180970011	24 Port MTP 601 Enclosure, Singlemode/Multimode	64
PID-00259	180810032	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U	31	WFR-00016-01	180970023	MMI-Plastic Cover - Almond	84
PID-00259	180810032	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U	101	WFR-00016-02	180970024	MMI-Plastic Cover - White	84
PID-00260	180810033	PowerCat 48 Port DataGate Patch Panel, Unloaded UTP or Shielded - 2U	17	WFR-00016-08	180970025	MMI-Plastic Cover - Light Grey	84
PID-00260	180810033	PowerCat 48 Port DataGate Patch Panel, Unloaded UTP or Shielded - 2U	24	WFR-00017	180970021	MMI-R-Metal Cover - Graphite Grey	84
PID-00260	180810033	PowerCat 48 Port DataGate Patch Panel, Unloaded UTP or Shielded - 2U	31	WFR-00018	180090008	WM12 - Graphite Grey	102
PID-00260	180810033	PowerCat 48 Port DataGate Patch Panel, Unloaded UTP or Shielded - 2U	101	WFR-00025-02	180970013	8 Port ST 601 Enclosure, Multimode	64
PID-00261	180810034	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U	17	WFR-00026-02	180970014	8 Port ST 601 Enclosure, Singlemode	64
PID-00261	180810034	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U	24	WFR-00028-02	180970016	8 Port Duplex SC 601 Enclosure, Multimode	64
PID-00261	180810034	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U	31	WFR-00029-02	180970017	8 Port Duplex SC 601 Enclosure, Singlemode	64
PID-00261	180810034	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U	101	WFR-00031-02	180970008	12 Port MT-RJ 601 Enclosure, Singlemode/Multimode	64
PID-00282	180810045	1U 24 Port, Angled Keystone Jack Aperture, Patch Panel - Unloaded	20	WFR-00034-02	180970073	12 Port LC 601 Enclosure, Multimode	64
PID-00283	183200023	1U 24 Port Category 6 UTP MIIM G3 Jack Loaded Patch Panel W/O Control Unit	10	WFR-00035-02	180970080	12 Port LC 601 Enclosure, Singlemode	64
PID-00285	183210036	1U 24 Port Category 6A Shielded MIIM G3 Jack Loaded Patch Panel W/O Control Unit	10	WFR-00044-02	Consult Molex	Fibre Management Backbox	74
PID-00287	183200025	1U 24 Port Category 6 UTP MIIM G3 Jack Loaded Patch Panel with control unit	A-1	WFR-00048	Consult Molex	12 Fibre Multimedia Tamper Proof Enclosure - Red	84
PUS-00008	180350003	1U 24 Port T1 Patch Panel - Category 3	26	WFR-00048	180970081	12 Port Multimedia Tamper Proof Enclosure - Red	102
PUS-00008	180080020	16 Port Universal System Patch Panel - Unloaded, 1U	101	WFR-00048-WH	Consult Molex	12 Fibre Multimedia Tamper Proof Enclosure - White	84
PUS-00009	180090006	32 Port Universal System Patch Panel - Unloaded, 2U	101	WFR-00048-WH	180970083	12 Port Multimedia Tamper Proof Enclosure - White	102
PUS-00010	180090007	48 Port Universal System Patch Panel - Unloaded, 3U	101	WFR-00049	180970082	6 Port Multimedia Enclosure Faceplate, Unloaded - Red	102
RAA-00002	180310026	Open Bay Rack	89	WFR-00049-WH	180970084	6 Port Multimedia Enclosure Faceplate, Unloaded - White	102
RAA-00293	181040009	1000mm Four Post Kit for use with RAA-00002 Open Bay Rack	89	WFR-00050	180970085	12 Port Multimedia Enclosure Faceplate, Shuttered Duplex SC, MM - Red	102
RAA-00350	181040010	800mm Four Post Kit for use with RAA-00002 Open Bay Rack	89	WFR-00050-WH	180970086	12 Port Multimedia Enclosure Faceplate, Shuttered Duplex SC, MM - White	102
RFR-00076	182080003	WR12 Fibre Enclosure, MT-RJ Aperture - Unloaded	66	WFR-00051	180970087	12 Port Multimedia Enclosure Faceplate, ST, MM - Red	102
RFR-00077	182080004	WR24 Fibre Enclosure, MT-RJ Aperture - Unloaded	66	WFR-00051-WH	180970088	12 Port Multimedia Enclosure Faceplate, ST, MM - White	102
RFR-00078	182080005	WR48 Fibre Enclosure, Duplex SC Aperture - Unloaded	66	WFR-00052	180970089	12 Port Multimedia Enclosure Faceplate, Shuttered LC, MM - Red	102
RFR-00080	182080007	WR48 Rack Mount Ears	66	WFR-00052-WH	180970090	12 Port Multimedia Enclosure Faceplate, Shuttered LC, MM - White	102
RFR-00082	180370098	24 Port Configurable Fibre Sliding Drawer - Unloaded	65	WFR-00054-02	Consult Molex	24 Fibre Multimedia Tamper Proof Enclosure - White	84
RFR-00176	180370251	WR12 Fibre Enclosure, Simplex SC/LC Aperture - Unloaded	66	WFR-00054-02	180970092	24 Port Multimedia Tamper Proof Enclosure - White	102
				WFR-00054-0C	Consult Molex	24 Fibre Multimedia Tamper Proof Enclosure - Red	84
				WFR-00054-0C	180970093	24 Port Multimedia Tamper Proof Enclosure - Red	102
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				WGB-00001-02	181770083	Contura Single Gang Wallplate (includes grid plate), White - Unloaded	97
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WNC-00008-02	182080046	PowerCat 5e 2 Port Fixed Shuttered Wallplate RJ45 568B UTP - White	34	XCD-30001.5	Consult Molex	LC-LC OM3 LS0H 1.5M Long Reach Optical Fibre Patch Cord	67
WNC-00009-02	182080127	PowerCat 5e 4 Port Fixed Shuttered Wallplate RJ45 568B UTP - White	34	XCD-30002	Consult Molex	LC-LC OM3 LS0H 2M Long Reach Optical Fibre Patch Cord	67
WPJ-00007-0*	Consult Molex	1 Port Plastic Streamline Wallplate - Unloaded	98	XCD-30003	Consult Molex	LC-LC OM3 LS0H 3M Long Reach Optical Fibre Patch Cord	67
WPJ-00008-0*	Consult Molex	2 Port Plastic Streamline Wallplate - Unloaded	98	XCD-30005	Consult Molex	LC-LC OM3 LS0H 5M Long Reach Optical Fibre Patch Cord	67
WPJ-00009-0*	Consult Molex	3 Port Plastic Streamline Wallplate - Unloaded	98	XCD-30010	Consult Molex	LC-LC OM3 LS0H 10M Long Reach Optical Fibre Patch Cord	67
WPJ-00010-0*	Consult Molex	4 Port Plastic Streamline Wallplate - Unloaded	98	XCD-40001	Consult Molex	LC-LC OM4 LS0H 1M Long Reach Optical Fibre Patch Cord	67
WPJ-00011-0*	Consult Molex	4 Port 1U Plastic Streamline Wallplate - Unloaded	98	XCD-40001.5	Consult Molex	LC-LC OM4 LS0H 1.5M Long Reach Optical Fibre Patch Cord	67
WPJ-00012-0*	Consult Molex	1 Port Plastic Streamline Wallplate	98	XCD-40002	Consult Molex	LC-LC OM4 LS0H 2M Long Reach Optical Fibre Patch Cord	67
WPJ-00031-02	181280008	1 Port MOD-Clip 115 x 75mm Wallplate	95	XCD-40003	Consult Molex	LC-LC OM4 LS0H 3M Long Reach Optical Fibre Patch Cord	67
WPJ-00032-02	181280009	2 Port MOD-Clip 115 x 75mm Wallplate	95	XCD-40005	Consult Molex	LC-LC OM4 LS0H 5M Long Reach Optical Fibre Patch Cord	67
WPJ-00033-02	181280010	4 Port MOD-Clip 115 x 75mm Wallplate	95	XCD-40010	Consult Molex	LC-LC OM4 LS0H 10M Long Reach Optical Fibre Patch Cord	67
WPJ-00034-02	181280011	86 x 86mm 1 Port DataGate Jack Wallplate, Shuttered, White - Unloaded	96	XFR-10144	Consult Molex	HD 1 RU Enclosure 12x12F Cassette Capacity MPO/LC 144F	67
WPJ-00035-02	181280012	86 x 86mm 2 Port DataGate Jack Wallplate, Shuttered, White - Unloaded	96	XFR-10192	Consult Molex	Xtreme Density 1 RU Enclosure 8x24F Cassette Capacity MPO/LC 192 F	67
WPJ-00036-02	181280013	86 x 86mm 3 Port DataGate Jack Wallplate, Shuttered, White - Unloaded	96	XFR-14401	Consult Molex	HD 12F Cassette Capacity MPO/LC OS2 Low Loss	67
WPJ-00037-02	181280014	86 x 86mm 4 Port DataGate Jack Wallplate, Shuttered, White - Unloaded	96	XFR-14402	Consult Molex	HD 12F Cassette Capacity MPO/LC OM3 Low Loss	67
WPJ-00038-02	Consult Molex	86 x 86mm Port DataGate Jack Wallplate, White-Unloaded	96	XFR-14403	Consult Molex	HD 12F Cassette Capacity MPO/LC OM4 Low Loss	67
WPJ-00040-02	Consult Molex	3 Port MOD-Clip 115 x 75mm Wallplate	95	XFR-19201	Consult Molex	Xtreme Density 24F Cassette Capacity MPO/LC OS2 Low Loss	67
WPJ-00041-0*	Consult Molex	1 Port Streamline Wallplate - Unloaded	99	XFR-19202	Consult Molex	Xtreme Density 24F Cassette Capacity MPO/LC OM3 Low Loss	67
WPJ-00043-0*	Consult Molex	2 Port Streamline Wallplate - Unloaded	99	XFR-19203	Consult Molex	Xtreme Density 24F Cassette Capacity MPO/LC OM4 Low Loss	67
WSS-00001	184000551	1 Port Stainless Steel Streamline Wallplate - Unloaded	98	ZFOAH0040M1	Consult Molex	4 Core Armoured OM1 Fibre Cable	45
WSS-00002	184000316	2 Port Stainless Steel Streamline Wallplate - Unloaded	98	ZFOAH0040M2	Consult Molex	4 Core Armoured OM2 Fibre Cable	45
WSS-00003	184000552	3 Port Stainless Steel Streamline Wallplate - Unloaded	98	ZFOAH0040M3	Consult Molex	4 Core Armoured OM3 Fibre Cable	45
WSS-00004	184000553	4 Port Stainless Steel Streamline Wallplate - Unloaded	98	ZFOAH0040M4	180570198	4 Core Armoured OM4 Fibre Cable	45
WSS-00006	184000554	6 Port Stainless Steel Streamline Wallplate - Unloaded	98	ZFOAH0040S2	180570193	4 Core Armoured OS2 Fibre Cable	45
WSS-00008	181260001	1 Port, Industrial Solution Wallplate, RJ45 Aperture - Unloaded	104	ZFOAH0060M1	Consult Molex	6 Core Armoured OM1 Fibre Cable	45
WSS-00009	181260002	2 Port, Industrial Solution Wallplate, RJ45 Aperture - Unloaded	104	ZFOAH0060M2	Consult Molex	6 Core Armoured OM2 Fibre Cable	45
WSS-00010	181260003	1 Port, Industrial Solution Wallplate, LC Aperture - Unloaded	104	ZFOAH0060M3	Consult Molex	6 Core Armoured OM3 Fibre Cable	45
WSS-00011	181260004	2 Port, Industrial Solution Wallplate, LC Aperture - Unloaded	104	ZFOAH0060M4	180570199	6 Core Armoured OM4 Fibre Cable	45
WSY-00001-0*	Consult Molex	6 Port Synergy Wallplate - Unloaded	95	ZFOAH0060S2	180570194	6 Core Armoured OS2 Fibre Cable	45
WSY-00002-0*	Consult Molex	4 Port Synergy Wallplate - Unloaded	95	ZFOAH0080M1	Consult Molex	8 Core Armoured OM1 Fibre Cable	45
WSY-00003-0*	Consult Molex	3 Port Synergy Wallplate - Unloaded	95	ZFOAH0080M2	Consult Molex	8 Core Armoured OM2 Fibre Cable	45
WSY-00005-0*	Consult Molex	4 Port Angled Synergy Wallplate - Unloaded	95	ZFOAH0080M3	Consult Molex	8 Core Armoured OM3 Fibre Cable	45
WSY-00006-0*	Consult Molex	2 Port Angled Synergy Wallplate - Unloaded	95	ZFOAH0080M4	180570200	8 Core Armoured OM4 Fibre Cable	45
WSY-00009-0*	Consult Molex	1 Port 86 x 86mm Synergy MOD-Clip Wallplate - Unloaded	96	ZFOAH0080S2	180570195	8 Core Armoured OS2 Fibre Cable	45
WSY-00010-0*	Consult Molex	2 Port 86 x 86mm Synergy MOD-Clip Wallplate - Unloaded	96	ZFOAH0120M1	Consult Molex	12 Core Armoured OM1 Fibre Cable	45
WSY-00011-0*	Consult Molex	4 Port 86 x 86mm Synergy MOD-Clip Wallplate - Unloaded	96	ZFOAH0120M2	Consult Molex	12 Core Armoured OM2 Fibre Cable	45
WSY-00012-0*	Consult Molex	1 Port 86 x 86mm Synergy DataGate Wallplate - Unloaded	96	ZFOAH0120M3	Consult Molex	12 Core Armoured OM3 Fibre Cable	45
WSY-00013-0*	Consult Molex	2 Port 86 x 86mm Synergy DataGate Wallplate - Unloaded	96	ZFOAH0120M4	180570201	12 Core Armoured OM4 Fibre Cable	45
WSY-00014-0*	Consult Molex	4 Port 86 x 86mm Synergy DataGate Wallplate - Unloaded	96	ZFOAH0120S2	180570196	12 Core Armoured OS2 Fibre Cable	45
WSY-00015-0*	Consult Molex	12 Port Double Gang Synergy Wallplate - Unloaded	95	ZFOAH0240M1	Consult Molex	24 Core Armoured OM1 Fibre Cable	45
WSY-00016-0*	Consult Molex	10 Port Double Gang Synergy Wallplate - Unloaded	95	ZFOAH0240M2	Consult Molex	24 Core Armoured OM2 Fibre Cable	45
WSY-00017-0*	Consult Molex	8 Port Double Gang Synergy Wallplate - Unloaded	95	ZFOAH0240M3	Consult Molex	24 Core Armoured OM3 Fibre Cable	45
WUS-00001-0*	Consult Molex	USO II Single Gang Bezel, Alpha Icons - Unloaded	96	ZFOAH0240M4	180570202	24 Core Armoured OM4 Fibre Cable	45
WUS-00002-0*	Consult Molex	USO II Double Gang Bezel, Alpha Icons - Unloaded	96	ZFOAH0240S2	180570197	24 Core Armoured OS2 Fibre Cable	45
WUS-00003-0*	Consult Molex	USO II Single Gang Bezel, Telcom Icons - Unloaded	96	ZFOAZ0040M1	Consult Molex	4 Core Armoured OM1 Fibre Cable	46
WUS-00004-0*	Consult Molex	USO II Double Gang Bezel, Telcom Icons - Unloaded	96	ZFOAZ0040M2	Consult Molex	4 Core Armoured OM2 Fibre Cable	46
XCD-20001	Consult Molex	LC-LC OS1/2 LS0H 1M Long Reach Optical Fibre Patch Cord	67	ZFOAZ0040M3	Consult Molex	4 Core Armoured OM3 Fibre Cable	46
XCD-20001.5	Consult Molex	LC-LC OS1/2 LS0H 1.5M Long Reach Optical Fibre Patch Cord	67	ZFOAZ0040M4	180570198	4 Core Armoured OM4 Fibre Cable	46
XCD-20002	Consult Molex	LC-LC OS1/2 LS0H 2M Long Reach Optical Fibre Patch Cord	67	ZFOAZ0040S2	180570193	4 Core Armoured OS2 Fibre Cable	46
XCD-20003	Consult Molex	LC-LC OS1/2 LS0H 3M Long Reach Optical Fibre Patch Cord	67	ZFOAZ0060M1	Consult Molex	6 Core Armoured OM1 Fibre Cable	46
XCD-20005	Consult Molex	LC-LC OS1/2 LS0H 5M Long Reach Optical Fibre Patch Cord	67	ZFOAZ0060M2	Consult Molex	6 Core Armoured OM2 Fibre Cable	46
XCD-20010	Consult Molex	LC-LC OS1/2 LS0H 10M Long Reach Optical Fibre Patch Cord	67	ZFOAZ0060M3	Consult Molex	6 Core Armoured OM3 Fibre Cable	46
				ZFOAZ0060M4	180570199	6 Core Armoured OM4 Fibre Cable	46
				ZFOAZ0060S2	180570194	6 Core Armoured OS2 Fibre Cable	46
				ZFOAZ0080M1	Consult Molex	8 Core Armoured OM1 Fibre Cable	46
				ZFOAZ0080M2	Consult Molex	8 Core Armoured OM2 Fibre Cable	46
				ZFOAZ0080M3	Consult Molex	8 Core Armoured OM3 Fibre Cable	46
				ZFOAZ0080M4	180570200	8 Core Armoured OM4 Fibre Cable	46
				ZFOAZ0080S2	180570195	8 Core Armoured OS2 Fibre Cable	46
				ZFOAZ0120M1	Consult Molex	12 Core Armoured OM1 Fibre Cable	46
				ZFOAZ0120M2	Consult Molex	12 Core Armoured OM2 Fibre Cable	46
				ZFOAZ0120M3	Consult Molex	12 Core Armoured OM3 Fibre Cable	46
				ZFOAZ0120M4	180570201	12 Core Armoured OM4 Fibre Cable	46
				ZFOAZ0120S2	180570196	12 Core Armoured OS2 Fibre Cable	46

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