PRODUCTS AND SOLUTIONS GUIDE

Connected Enterprise Solutions

Asia-Pacific South

Q2 2025

creating connections for life

molex

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Connected Buildings

For over 40 years, Molex has specialized in developing products and solutions to enable better networks. From office spaces to production lines, data centers to multi-site campuses, your network designs will perform better and last longer with Molex technology.

Our high quality, end-to-end structured cabling solutions connect businesses with their mission critical applications.

Transforming the way global businesses approach IT infrastructure

Partner of Choice

Molex Connected Enterprise Solutions is part of the Molex group, which is a subsidiary of Koch Industries. Molex is globally recognized in a wide range of industries including data communications, consumer electronics, industrial, automotive, commercial vehicle and medical. We strive to develop the latest production techniques and manufacturing equipment to ensure consistent high-quality products and fast response to your requirements.

With design and manufacturing facilities and local teams around the world, we trade directly into more than 100 countries, providing a truly global solution.

Why Choose Molex?

Molex Accreditations

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 minimize environmental impact and maintain compliance with environmental regulations. All our products are certified to the relevant national and international standards.

25-Year Warranty

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.

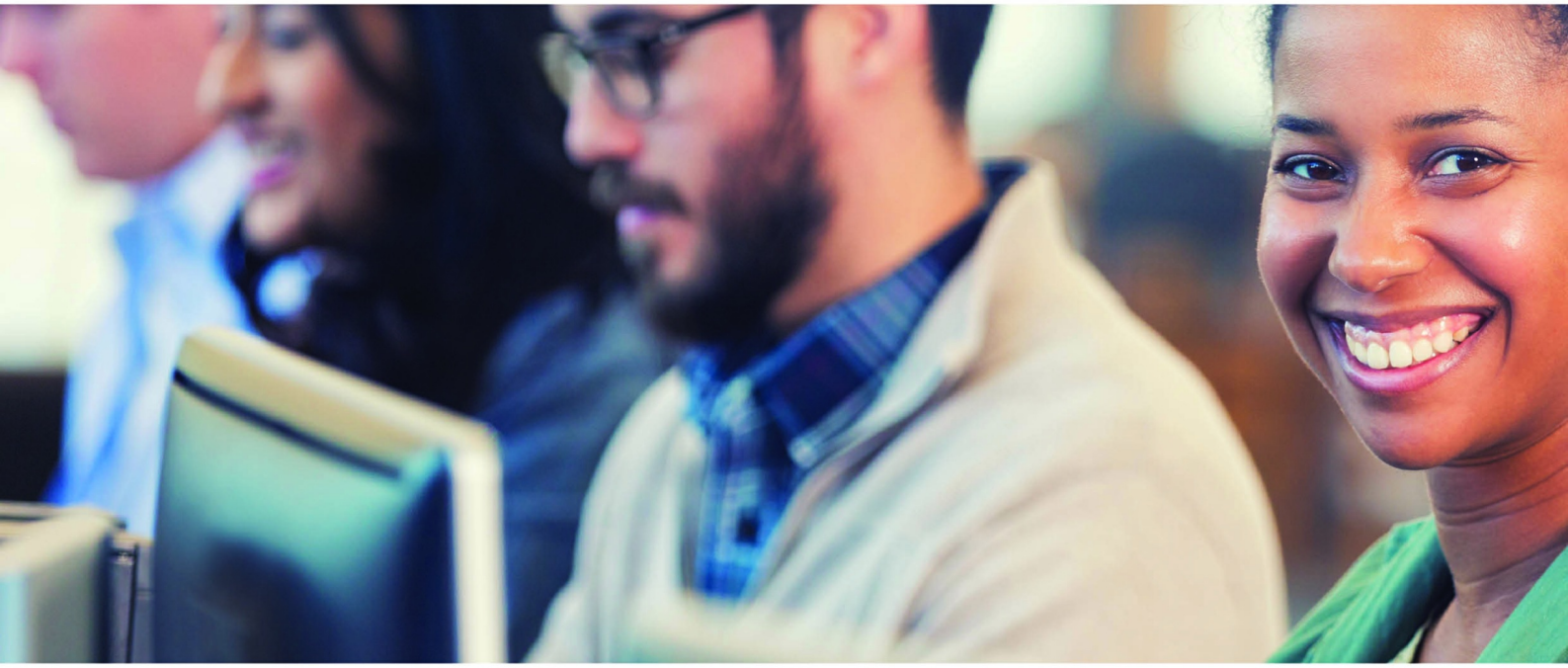
Ecocare

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.

Trust, Integrity and Support

Integrity and trust are fundamental to the Molex way of life. Our Market Led Management philosophy puts you first, configuring solutions around your specific requirements. We only develop relationships with companies who demonstrate a commitment to the same exemplary standards as us. This means you can expect the highest quality of service throughout the process and for the full lifespan of your network.

Reliable product performance



Copper based cabling technology continues to evolve to meet changing requirements. Cat 6A offers a fast transmission speed with less crosstalk and is effective at longer distances. This superior level of performance is ideal for organizations looking to create a robust, future-ready infrastructure.

Based on the Cat 6A standard, Power-over-Ethernet addresses the world's rising demand for inter-device connectivity.

Copper Solutions

Reliable and Cost Effective

Our products have been tested in the laboratory and in the field to ensure they meet or exceed all the relevant standards including ISO/IEC, ANSI/TIA and any local regulations.

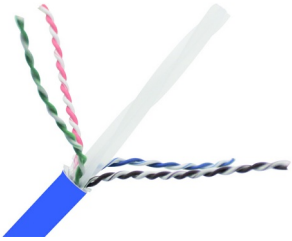
Power over Ethernet

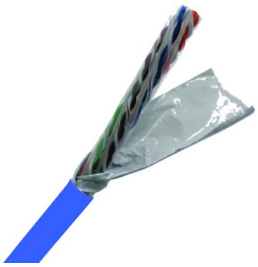
Power-over-Ethernet provides a convenient and cost-effective approach to deliver both power and data connectivity over a single connection, integrating multiple devices and sensors into one network.

Comprehensive Solution

Our extensive range has been developed with direct feedback from installers, consultants and end users to ensure we have the solutions to every type of project.

Copper Solutions PowerCat 6A Unshielded





4 Pair Termination Tool
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PowerCat 6A UTP LS0H Cable Gen II

The PowerCat 6A UTP LS0H Cable is specifically designed to support high-speed data network applications such as 10GBASE-T. The innovative design includes a double thermoplastic polymer, aluminum foil tape wrap surrounding the pairs, which provides excellent Alien Crosstalk defense. The low diameter of the cable allows for easier handling and higher cable density in containment, reducing cost. The product is 3rd party verified to ANSI/TIA-568.2-D and ISO 11801 Category 6A standards. This cable is part of our PowerCat 6A System which is suitable for the most demanding PoE Applications.

- Supports up to 500MHz frequency
- Noise canceling isolation wrap surrounds the pairs for AXT protection
- IEEE 802.3bt-2018 PoE compliance
- ANSI-568.2-D and ISO-11801:2017 standards verified, ensuring reliability for high bandwidth mission-critical applications
- Easy to install. No drain wire, grounding or bonding required
- Low outer cable diameter 7.2mm nominal
- PoE Compliant with IEC 802.3bt from Type 1 to Type 4 as part of a Molex C6A System

Order No.	SAP No.	Description
CAA-00445-BL	1810000034	PowerCat 6A UTP LS0H Cable 500m reel, Blue

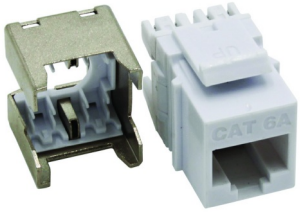
PowerCat Category 6A U/UTP LS0H Horizontal Cable, 500m reel

Molex PowerCat Category 6A 4 Pair U/UTP cable, has been designed to support high speed data applications such as IEEE802.3an 10 Gigabit Ethernet (10GbE), along with supporting PoE and wireless applications. The cable construction consists of four twisted pairs with a central cross separator and an isolation wrap to mitigate ANEXT. The cable construction minimizes alien crosstalk, provides excellent signal isolation and superior electromagnetic interference (EMI) protection. Molex recommends the full range of PowerCat Category 6A products be used in a channel to maximize cabling performance. This system is compliant with the latest ISO/IEC 11801 2nd Ed 2.2:2011 and ratified TIA 568-C.2 for the support of Cat 6A and 10GBASE-T

- Reaction to Fire Euroclass: -CAA-00454-BL B2ca-s1a,d1,a1 -CAA-00455-BL Dca-s2,d2,a1
- Outstanding signal isolation
- The cable is compliant with ISO/IEC 11801 Ed 2.2:2011 and TIA 568-C.2 and EN 50173:2011
- Enhanced performance 4 pair U/FTP LS0H Cable
- Resistant to alien crosstalk (Alien NEXT) and crosstalk (PS NEXT)
- Color coded for ease of termination
- RoHS compliant
- Suitable for the most demanding PoE applications

Order No.	SAP No.	Description
CAA-00456-BL	1810030131	C6A UTP LS0H Cable, 500M Reel Blue AUS Markets

Copper Solutions PowerCat 6A Unshielded



4 Pair Termination Tool
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PowerCat 6A UTP Keystone Jack Gen II

The product is designed to comply with the transmission performance of ANSI/TIA-568.2-D:2018 and ISO/IEC 11801:2017 Augmented Category 6A. 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 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 PoE+ compliance. The C6A UTP Keystone Jack Gen II is designed to be terminated by 4 Pair Termination Tool designed specifically for compatibility with the the Gen II C6A UTP jack. The tool is a robust, reliable product offering fast, fault-less gas-tight termination of all four pairs of solid cable simultaneously.

- Popular Keystone design
- 568A or 568B wiring options
- Rear metal cable retention cap provides alien crosstalk protection
- Transmission performance independently verified
- Designed for high-speed transmission performance
- Compatible with Molex range of Keystone Jack work area outlets and patch panels

Order No.	SAP No.	Description
KSJ-00099-02	1810020009	Keystone Jack C6A UTP 568A/B Gen II - White
KSJ-00099-04	1810020010	Keystone Jack C6A UTP 568A/B Gen II - Black
KSJ-00099-05	1810020011	Keystone Jack C6A UTP 568A/B Gen II - Ivory
KSJ-00099-08	1810020012	Keystone Jack C6A UTP 568A/B Gen II - Gray
KSJ-00099-BL	1810020013	Keystone Jack C6A UTP 568A/B Gen II - Blue
KSJ-00099-RD	1810020014	Keystone Jack C6A UTP 568A/B Gen II - Red
KSJ-00099-YL	1810020015	Keystone Jack C6A UTP 568A/B Gen II - Yellow

MOQs may apply for non-standard colors

Keystone Jack
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Keystone Patch Panel

The Molex Keystone panel provides an unloaded panel that can be loaded with the Molex 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 labeling 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	182960014	24 Port Keystone Jack Patch Panel 1U Unloaded - Metric fixing kit
PID-00289	182960027	48 Port Keystone Jack Patch Panel 2U Unloaded - Metric fixing kit
PID-00210-04	180810047	24 Port Keystone Jack Patch Panel 1U Unloaded
KSJ-00064-**	Consult Molex	Keystone Blank
CSP-00039	181170026	Spare Fixing Kit for PID-00257 or PID-00289 includes both Metric and Imperial Fittings

** Color Options: 02 =White, 04 = Black

Keystone Jack
C6A Shielded
Tool-less
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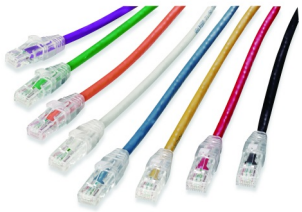
24 Port 1U Keystone Jack Angled Patch Panel Unloaded

The Unloaded Keystone Jack Angled Patch Panels can be configured to provide the exact number of modular ports required.The panels accept Molex UTP or Shielded Keystone Jacks. The product is supplied with one earthing screw and robust rear cable management tray.

- 24 Port 1U Unloaded
- Easy snap in UTP and Shielded Keystone Jacks (supplied separately)
- Modularity provides installation flexibility
- Silk-screened individual port identification
- Metric Rack Mounting Kit included
- Robust cable management shelf ensures bend radius compliance
- Cabinet fixing kit included

Order No.	SAP No.	Description
PID-00292-BK	182960034	24 Port 1U Keystone Jack Angled Patch Panel Unloaded

Copper Solutions PowerCat 6A Unshielded



PowerCat 6A UTP Patch Cord

Molex PowerCat 6A Patch Cords are designed to support high speed 10GBASE-T networks and are backward compatible with 10/100/1000BASE-T networks. The patch cable is made from high quality four pair 26 AWG stranded copper wire. Available in a range of colors and lengths, PowerCat 6A patch cords are pre-terminated with RJ45 plugs and feature anti-snag slim strain relief slip on boots.

- 4 pair 26 AWG stranded copper wire
- Pre-terminated with UTP RJ45 plugs
- Slim clear anti-snag slip on boots
- Suitable for EIA 568A or 568B wiring
- LS0H sheath
- 10G Performance when installed as a complete PowerCat 6A UTP System

Order No.	SAP No.	Description
PCD-09101-**	Consult Molex	PowerCat 6A UTP Patch Cord LS0H 1m
PCD-09102-**	Consult Molex	PowerCat 6A UTP Patch Cord LS0H 2m
PCD-09103-**	Consult Molex	PowerCat 6A UTP Patch Cord LS0H 3m
PCD-09105-**	Consult Molex	PowerCat 6A UTP Patch Cord LS0H 5m
PCD-09107-**	Consult Molex	PowerCat 6A UTP Patch Cord LS0H 7m
PCD-09110-**	Consult Molex	PowerCat 6A UTP Patch Cord LS0H 10m

** Color options: 0C=Red, 0E=Gray, 0H=Blue, 0J=Green, 0K=Yellow, 0W=White, 0P=Purple, 0N=Orange, BK=Black.

PowerCat 6A Shielded 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 ANSI/TIA-568B wiring applications
- LS0H jacket
- 10G Performance when installed as a complete PowerCat 6A Shielded System
- Available in a range of colors and lengths

Order No.	SAP No.	Description
PCD-07064-**	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 0.5m
PCD-07000-**	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 1m
PCD-07061-**	Consult Molex	PowerCat Shielded Patch Cord 568A/B, LS0H - 1.5m
PCD-07001-**	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 2m
PCD-07002-**	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 3m
PCD-07004-**	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 5m
PCD-07006-**	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 7m
PCD-07009-**	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 10m

** Color Options - 0C = Red, 0E = Gray, 0H = Blue, 0J = Green, 0K = Yellow, 0W = White, 0P = Purple, 0N = Orange, BK = Black Other lengths are available, please contact your local Molex team for more information.

PowerCat 6A Shielded Solid Cable Assembly LS0H

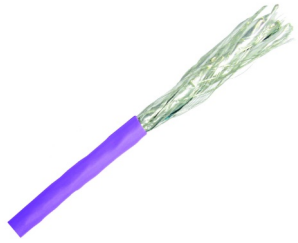
Molex PowerCat 6A shielded solid cable assemblies are ideal for consolidation point cabling or as equipment cords within a PowerCat 6A shielded end-to-end solution. The PowerCat 6A shielded solution is specifically designed to support secure-high speed 10GBASE-T networks and is backward compatible with 10/100/1000BASE-T networks. Cable assemblies are made from high quality shielded four pair 23AWG solid copper wire and are preterminated with RJ-45 plugs and feature anti-snag slip on boots.

- 4 pair 23 AWG solid copper wire
- Pre-terminated with RJ-45 shielded plugs
- Anti-snag slip on boots
- TIA/EIA-568B wiring
- LS0H sheath
- 10G Performance when installed as a complete PowerCat 6A Shielded System
- Color options

Order No.	SAP No.	Description
PCD-07147-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 2m
PCD-07148-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 3m
PCD-07149-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 4m
PCD-07150-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 6m
PCD-07151-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 8m
PCD-07152-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 10m
PCD-07153-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 15m
PCD-07154-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 20m
PCD-07155-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 25m
PCD-07156-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 30m
PCD-07157-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 35m
PCD-07158-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 40m
PCD-07159-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 50m
PCD-07160-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 60m
PCD-07161-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 70m
PCD-07162-**	Consult Molex	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, 80m

** Color Options - 0H = Blue, 0J = Green, VL = Violet

Copper Solutions PowerCat 6A Shielded



PowerCat 7A S/FTP Cable

Category 7A S/FTP Cable (each pair has individual foil screens 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. This cable is part of our PowerCat 6A System which is suitable for the most demanding PoE Applications.

- 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
- PoE Compliant with IEC 802.3bt from Type 1 to Type 4 as part of a Molex C6A System

Order No.	SAP No.	Description
CAA-00360	Consult Molex	Category 7A S/FTP Cable, 4 Pairs 1.2GHz LS0H, Dca-s1a,d1,a1 Violet - 500m reel

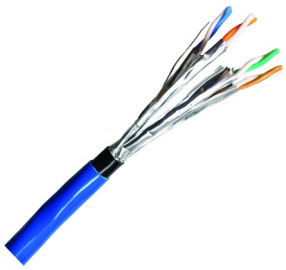
PowerCat 6A Slim 28 AWG Shielded Patch Cords, LS0H

Molex Slim Shielded LS0H Patch Cords support Category 6A systems utilizing 28 AWG low diameter cable to reduce patch cord congestion in high density installations. Molex PowerCat 6A Slim Patch Cords are designed to support high-speed 10GBASE-T networks and offer a 35% space saving compared with standard Molex 26 AWG C6A Patch Cords. The Slim version allows for easier management and improved airflow between patched ports in high-density patching installations. The lower diameter cord makes visibility of individual plugs and ports clearer and provide improved access for patching.

- Low 5.2mm outer diameter reduces patching congestion
- Offers 35% space saving compared with standard 26 AWG cords
- Better port number visibility
- Improved access to patch plugs
- Improved airflow
- Ideal for high-density patching areas in data centers where long channel lengths are not a requirement
- Category 6A performance
- Supports IEEE 802.3 type 1,2,3 & 4 (follow installation guidance)
- 4 Pair 28 AWG stranded copper wire foil shielded LS0H sheath
- High performance C6A shielded plugs
- Consult Molex Technical Services for design and implementation guidance.

Order No.	SAP No.	Description
PCD-7030A-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 0.5m
PCD-70301-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 1m
PCD-7030B-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 1.5m
PCD-70302-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 2m
PCD-7030C-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 2.5m
PCD-70303-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 3m
PCD-70305-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 5m
PCD-70307-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 7m
PCD-70310-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 10m

* Color Options - C = Red, E = Gray, H = Blue, K = Yellow, J = Green. Note: Conditions apply when installing these cords in a 4-connector channel with EU cable part no. CAA-00413-VL. Contact Molex Technical Support for installation design guidance.



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	183020045	PowerCat 6A 4 Pair U/FTP Gel Filled OSP Cable PE (UV)/Nylon Sheathed - 305m

Copper Solutions PowerCat 6A Shielded

PowerCat 6A U/FTP Cable

Enhanced performance, individually screened 4-pair U/FTP LS0H cable. Supports high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T). Minimizes alien crosstalk, provides excellent signal isolation and provides superior electromagnetic interference (EMI) protection. This cable is part of our PowerCat 6A System which is suitable for the most demanding PoE applications.

- Supports high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T)
- Enhanced performance individually foilscreened 4 pair U/FTP LS0H cable
- Minimizes alien crosstalk, provides excellent signal isolation and provides superior electromagnetic interference
- (EMI) protection
- Resistant to alien crosstalk
- Color coded for ease of termination
- 500m Reel
- PoE compliant with IEC 802.3bt from Type 1 to Type 4 as part of a Molex C6A System

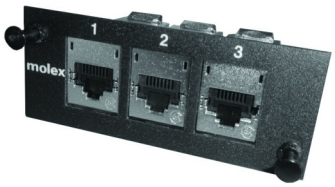
Order No.	SAP No.	Description
CAA-0322L-VL	183020011	PowerCat 6A U/FTP LS0H Cable, Dca-s1,d2,a1, Violet - 500m
CAA-0322L-GY	183020046	PowerCat 6A U/FTP LS0H Cable, Dca-s1,d2,a1, Gray - 500m
CAA-0322L-0K	183020032	PowerCat 6A U/FTP LS0H Cable, Dca-s1,d2,a1, Yellow - 500m
CAA-0322L-0W	183020051	PowerCat 6A U/FTP LS0H Cable, Dca-s1,d2,a1, White - 500m
CAA-0322L-BK	181740134	PowerCat 6A U/FTP LS0H Cable, Dca-s1,d2,a1, Black - 500m
CAA-0322L-BL	183020024	PowerCat 6A U/FTP LS0H Cable, Dca-s1,d2,a1, Blue - 500m
CAA-0322L-GR	183020025	PowerCat 6A U/FTP LS0H Cable, Dca-s1,d2,a1, Green - 500m
CAA-0322L-OR	183020047	PowerCat 6A U/FTP LS0H Cable, Dca-s1,d2,a1, Orange - 500m
CAA-0322L-PK	183020060	PowerCat 6A U/FTP LS0H Cable, Dca-s1,d2,a1, Pink - 500m

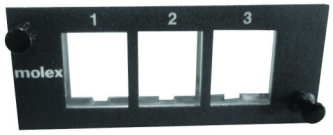
PowerCat 6A Field Termination Plug

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 centers, 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, Cat6 and Cat6A Direct Attach link and channels

Order No.	SAP No.	Description
KSP-00001	183010086	Category 6A Field Termination Plug
KSP-00002	180190012	Category 6A Field Termination Plug, STP, Right Angle





PowerCat 6A Unloaded DataGate Adapter Plate

The Unloaded Adapter Plate 3 x C6A DataGate Jacks is designed for applications where fiber and copper are required in a single panel. The Adapter Plate is designed to accept the DataGate Category 6A Jack (part number KSJ-00096-**) and snap fits into the Multi-Functional or Specification Grade Fiber Optic Panels. The Adapter Plate can also be combined with Fiber Optic 6 Fiber Adapter Plates for multi-media applications.

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

Order No.	SAP No.	Description
AFR-00441	183190030	Adapter Plate 3xDG PowerCat 6A DataGate (with grounding screws) unloaded - 4 pack

Multi-Function Enclosure
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Copper Solutions PowerCat 6A Shielded

Termination Tool
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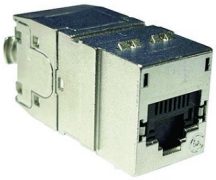
PowerCat 6A Shielded Patch Panels

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 utilizing 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 color coded using connector icon labels for site specific network administration.

- 24 Ports 1U & 48 Port 2U
- EIA 568A/B wired
- 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	182960000	PowerCat 6A 24 Port Patch Panel 568A/B Shielded - 1U
PID-00219	182960002	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)

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



Termination Tool
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PowerCat 6A DataGate Shielded Straight and Side Entry Jack

The PowerCat 6A DataGate jack offers superior alien crosstalk suppression, excellent insertion loss, and provides enhanced electromagnetic interference (EMI) protection by utilizing robust die cast zinc alloy jack body housing. This shielded jack also features a unique spring loaded shutter that not only protects it from dust and contaminates, but the ingenious spring loaded design also ejects improperly seated patch cords. The shielded jack is dual colour coded for either 568A or 568B wiring schedules. The Molex C6A DataGate RJ45 360 ° shielded jack accommodates flexible cable routing by allowing 90 ° or 180 ° cable entry. The PowerCat 6A DataGate Shielded Jack was specifically designed for highspeed 10GB data transmission. This unique modular jack is also backwards compatible with Shielded C6 and C5e systems. Molex recommends that the full range of PowerCat 6A Shielded products be used in an end-to-end system to maximize cabling performance. This system is compliant with the ISO/IEC 11801 Amd 1 and ANSI/TIA-568.2-D requirements for the support of 10GBASE-T transmission.

- Robust die cast zinc alloy housing
- 360°Shielded
- Accommodates flexible cable routing by allowing 90 ° or 180 ° cable entry
- Dual Color coding allows 568A/B wiring
- Patented IDC (insulation displacement contact) V-shaped contacts that flex not fatigue when terminated
- Spring-Loaded Shutter
- Accepts color coded port identification labels
- Category 6A performance when installed as a complete PowerCat Shielded System
- Spring loaded cable/drain wire clamp
- Cable can be terminated in 3 directions – Straight, on left or right side of jack
- Complies with ISO/IEC 11801 and TIA Cat 6A channel and PL requirements
- Jack can be terminated with 4 Pair Termination Tool or standard IDC Punch Down Tool
- RoHS Compliant
- Molex DataGate jacks may accommodate both solid (AWG22 to AWG24) and stranded (AWG26) cables

Order No.	SAP No.	Description
KSJ-00096-**	Consult Molex	PowerCat 6A DataGate Shielded Straight and Side Entry Jack

** Color options: 01 - Almond, 02 - White, 04 - Black, 05 - Ivory, 08 - Gray, BL - Blue, GR - Green, RG - Orange, PP - Purple, RD - Red, YL - Yellow, PK - Pink
** Please note: While termination of the jack is possible with the 110 punch-down tool, tight tolerances within the outlet design could result in an unintentional short between the conductor wires and the metal housing. Therefore, Molex strongly recommends the use of the 4-pair termination tool to ensure even, consistent terminations, and minimize the risk of this occurring.

AU Iconic Face Plate Bezel

The AU Iconic Face Plate Bezel enables the PowerCat 6A DataGate Jack with Universal Shutter (KSJ-00096-**) to be inserted into the Clipsal Pro and Iconic Series Face Plates. The bezel allows the Jack to be inserted from any direction into the Face Plate. A terminated Jack should be plugged into the bezel until it securely locks in place. The face plate and cover are then attached to the outlet.

- The bezel can be loaded from the front of the plate
- The jack can be inserted with a 90° increment
- The jack allows cable entry from the top, left, or right of the jack
- The bezel's quick latch allows for easy insert and locking of the jack to the bezel for a straightforward installation

Order No.	SAP No.	Description
MOF-00015	180060164	AU Iconic Face Plate Bezel - white (Bag of 25)
MOF-00015-BK	180060165	AU Iconic Face Plate Bezel - black (Bag of 25)
DataGate Jack		
KSJ-00096-**	Consult Molex	C6A Shielded DataGate Jack 568A/B Universal Shutter

Insert color code in place of ** in part number when ordering jacks: 01=Almond, 02=White, 04=Black, BL=Blue, 08=Gray, GR=Green, 05=Ivory, RG=Orange, PP=Purple, RD=Red, YL=Yellow, PK=Pink

Copper Solutions PowerCat 6A Shielded

PowerCat Unloaded DataGate Panels

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 labeling
- Individually removable patch panel ports
- Removable cable management shelves ensure 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 Flat 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)

* Color Options - 2 = White, 4 = Black

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 utilizing 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 color coded for either 568A or 568B wiring schedules.

- Robust die-cast zinc alloy housing
- Dual color coding allows 568A/B wiring
- Patented IDC V-Shaped contacts that flex not fatigue when terminated
- Spring-Loaded Shutter
- Accepts color coded port identification labels
- 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	183010020	PowerCat 6A MOD-Clip Shielded Jack 8W 568 A/B White
MMC-00017-04	183010019	PowerCat 6A MOD-Clip Shielded Jack 8W 568 A/B Black

** Color Options - 02 = White, 04 = Black , 08 = Gray, YL = Yellow, PP = Purple, GR = Green

Keystone Patch Panel

The Molex Keystone panel provides an unloaded panel that can be loaded with the Molex 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 labeling 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	182960014	24 Port Keystone Jack Patch Panel 1U Unloaded - Metric fixing kit
PID-00289	182960027	48 Port Keystone Jack Patch Panel 2U Unloaded - Metric fixing kit
PID-00210-04	180810047	24 Port Keystone Jack Patch Panel 1U Unloaded
KSJ-00064-**	Consult Molex	Keystone Blank
CSP-00039	181170026	Spare Fixing Kit for PID-00257 or PID-00289 includes both Metric and Imperial Fittings

** Color Options: 02 =White, 04 = Black

Keystone Jack
Page 25

Keystone Jack C6A Shielded Tool-less
Page 15

24 Port 1U Keystone Jack Angled Patch Panel Unloaded

The Unloaded Keystone Jack Angled Patch Panels can be configured to provide the exact number of modular ports required.The panels accept Molex UTP or Shielded Keystone Jacks. The product is supplied with one earthing screw and robust rear cable management tray.

- 24 Port 1U Unloaded
- Easy snap in UTP and Shielded Keystone Jacks (supplied separately)
- Modularity provides installation flexibility
- Silk-screened individual port identification
- Metric Rack Mounting Kit included
- Robust cable management shelf ensures bend radius compliance
- Cabinet fixing kit included

Order No.	SAP No.	Description
PID-00292-BK	182960034	24 Port 1U Keystone Jack Angled Patch Panel Unloaded

PowerCat 6A Tool-less Shielded Keystone Jack

Molex PowerCat 6A Tool-less Shielded Keystone Jack is designed for support of installations requiring Keystone Jack apertures specifically in work area applications. It offers superior alien crosstalk suppression, excellent insertion loss, and provides enhanced electromagnetic interference (EMI) protection by utilizing robust die cast zinc alloy jack body housing. The toolless design allows for on-site installation without the need for a termination tool. The PowerCat 6A Shielded Keystone Jack was specifically designed for high-speed 10GB data transmission. The jack is also backwards compatible with Shielded C6 and C5e systems. Our PowerCat 6A shielded system is suitable for the most demanding PoE applications.

- 360° shielding for EMI protection
- Easy and fast termination process
- Ability to attach the cable in either 568A or 568B wiring
- Compatible with Molex range of Keystone Jack Patch Panels

Order No.	SAP No.	Description
KSJ-00079	183010070	PowerCat 6A Tool-less Shielded Keystone Jack
KSJ-00093	Consult Molex	PowerCat 6A 10G Shielded Side Entry Keystone Jack, RJ45, 568A/B

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 utilize 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 horizontal cable management panel, while maintaining optimized 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)
- 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, Keystone Jack Angled Aperture, Patch Panel - Unloaded

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 color coded for site-specific network administration by fitting connector icon labels (part no. CSP-00021-0**).

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

Order No.	SAP No.	Description
MGB-00006-02	183010004	PowerCat 6A Angled Contura RJ45 Module, White

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

Contura Wallplate
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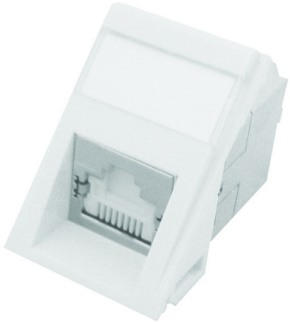
PowerCat 6A Euromod II Module

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 color coded for site-specific network administration by fitting connector icon labels (part no. CSP-00021-0**).

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

Order No.	SAP No.	Description
MEU-00065-02	183010005	PowerCat 6A Angled Euromod II RJ45 Module, 568A/B - White
MEU-00065-04	183010012	PowerCat 6A Angled Euromod II RJ45 Module, 568A/B - Black

Euromod Wallplate Page 89



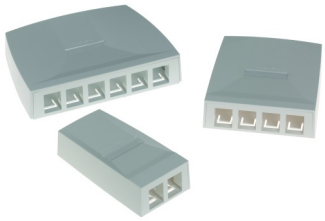
PowerCat 6A MOD-SNAP III Module

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

Order No.	SAP No.	Description
MMS-00017-02	183010040	PowerCat 6A Angled MOD-SNAP III RJ45 Module, 568A/B - White
MMS-00017-04	183010011	PowerCat 6A Angled MOD-SNAP III RJ45 Module, 568A/B - Black

MOD-SNAP Wallplate Page 89



Synergy Surface Mount Box

The PowerCat Synergy Surface Box is ideal for use in open office cabling. The 2, 4 and 6 port boxes are supplied unloaded and accept the DataGate Jack and Synergy Single Position Modules. The single port versions ship loaded with the DataGate Jack. Synergy Surface Boxes offer simple and organized 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 color coded for site-specific network administration using connector icon labels.

- Stylish design
- Simple, organized cable entry and installation
- Screw fixing
- Clear and concise labeling
- DataGate Jack & Synergy Module compatible

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

DataGate Jacks Page 23

Fiber Modules Page 58

Multimedia Modules Page 91

Keystone Jack 1 & 2 Port Surface Mount Boxes

Simple, organized installation for work areas where surface mount is the only option, such as confined spaces. The product is compatible with Molex range of Keystone Jacks, C5e, C6 and C6A. The base is mounted with the screws provided. Keystone Jacks are fitted into the base of the box from the rear to reduce the risk of tampering, and the cable is secured to base using the cable tie off points provided. The design of the Snap-On cover is contoured for a sleek and contemporary appearance and includes a protected label window for clear port identification.

- Utilizes C5e UTP, Cat 6 UTP, Cat 6A shielded and unshielded Molex Keystone Jacks
- Contemporary styling
- Rear loaded Keystone Jacks to reduce tampering
- Slotted screw holes for easy alignment and removal
- Protected label holder for clear port identification
- Supplied unloaded

Order No.	SAP No.	Description
OSB-00001-02	181350007	1 Port Keystone Surface Mount Box - White
OSB-00002-02	181350008	2 Port Keystone Surface Mount Box - White

Keystone Jack C6A UTP
Page 8

Keystone Jack C6A Shielded
Page 15

Keystone Jack C6 UTP
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Copper Solutions PowerCat 6A Healthcare Solutions

Antimicrobial Wallplates and Patch Cords

Molex Medical Grade products have been created by incorporating an antibacterial agent (biocide) that can assist in suppressing the growth of bacteria on the surfaces of products when conditions exist where growth can occur. They can assist in keeping surfaces clean and sanitary and can also have an advantage in minimizing the impact on the environment by minimizing diffusion of the agent. Molex Medical Grade products have been independently tested and comply with ISO 22196:2011. They form a part of an effective sanitization protocol are not intended as replacement.

- Assists in suppression of the growth of bacteria on wallplates and patch cords
- Contemporary design, smooth finished wall plates for ease of cleaning
- Modular wallplate footprint allows for Cat 6, Cat 6A and optical fiber fitout
- 10G performance when installed as a complete PowerCat 6A Shielded System
- LS0H Sheath – Patch Cords
- Slim anti-snag slip on boots – Patch Cords
- RoHS Compliant
- Third party tested to ISO 22196:2011 for 99% efficiency against K.Pnemoniae, E.Coli and Staphylococcus Aureus

Order No.	SAP No.	Description
Patch Cords		
HPCD-07000-0W	183162394	Medical Grade Antimicrobial Patch Cord Cat6A Shielded, LS0H, White - 1.0m
HPCD-07001-0W	183162395	Medical Grade Antimicrobial Patch Cord Cat6A Shielded, LS0H, White - 2.0m
HPCD-07002-0W	183162396	Medical Grade Antimicrobial Patch Cord Cat6A Shielded, LS0H, White - 3.0m
HPCD-07003-0W	183162397	Medical Grade Antimicrobial Patch Cord Cat6A Shielded, LS0H, White - 5.0m
Outlets & Connectors		
HWGB-00001-02	181170041	Antimicrobial Contura Wallplate with Grid Plate - Single Gang, White
HWGB-00002-02	181170042	Antimicrobial Contura Wallplate with Grid Plate - Double Gang, White
HKSJ-00005-02	181170043	Antimicrobial Single Position Blank - White, 25 per Bag
HMGB-00002-02	181170044	Antimicrobial Blank Module
HMGB-00006-02	182910001	Antimicrobial Module Contura FTP 568A B C6A, White
HSBX-00004-02	181350011	Surface Box Miniline, 1P, Anti-Microbial - White
HSSY-00014-02	181340033	Modular Synergy Surface Box, 2P, Antimicrobial Unloaded - White
HMLG-00021-02	181720063	Legrand Module 22.5x45 C6, Antimicrobial Loaded - White
HMLG-00030-02	182930002	Legrand Module 22.5x45 C6A, Antimicrobial Loaded - White
HWPJ-00057-02	181280058	Keystone Wallplate 86x86, 1P, Antimicrobial - White
HWPJ-00058-02	181280059	Keystone Wallplate 86x86, 2P, Antimicrobial - White
HWPJ-00059-02	181280060	Keystone Wallplate 86x86, 4P, Antimicrobial - White

Copper Solutions Outdoor Category 6A Shielded Connectivity Solution

Outdoor Category 6A Shielded Connectivity Solution

Molex offers two outdoor rated connectivity products that protect the connection between the outdoor wireless access point or security camera and the existing network cabling infrastructure from climatic conditions. The biggest benefit of wireless networks is that it allows users to connect to the Internet from any spot inside its area of coverage.

This network can be extended externally by installing an outdoor wireless access point device. When it comes to the overall safety and security of building facilities and personnel, outdoor video surveillance and security cameras are increasingly important. These outdoor devices are connected to the existing campus network via an RJ45 patch cord and RJ45 Jack. The Molex outdoor category 6A shielded connectivity solution facilitates this connection with an IP66 rated enclosure protecting the RJ45 jack and a weather protected C6A shielded patch cord.

Outdoor Category 6A Shielded Patch Cord

Molex Category 6A patch cords are designed to support high-speed 10GBASE-T networks and are backward compatible with 10/100/1000BASE-T networks. Manufactured from high quality four pair 26 AWG stranded copper wire, each pair is shielded in aluminum/mylar foil and enclosed in a LS0H sheath. The cable is terminated with Molex high performance Category 6A shielded RJ45 plugs.

- 4 Pair 26 AWG stranded copper shielded cable
- Pre-terminated with shielded RJ45 plugs
- Suitable for TIA 568A or 568B wiring
- 10Gb/s performance when installed as a complete Molex C6A shielded system
- UV stabilized, water and dust ingress protected, flexible conduit covering.
- Operating temperature -20°C to +60°C, -4°F to 140°F.

Order No.	SAP No.	Description
PCD-07136	183162333	Outdoor Category 6A Shielded Patch Cord 0.5m
PCD-07131	183162334	Outdoor Category 6A Shielded Patch Cord 1m
PCD-07132	183162335	Outdoor Category 6A Shielded Patch Cord 1.5m
PCD-07133	183162336	Outdoor Category 6A Shielded Patch Cord 2m
PCD-07134	183162337	Outdoor Category 6A Shielded Patch Cord 3m
PCD-07135	183162338	Outdoor Category 6A Shielded Patch Cord 5m

Euromod IP66 2 Port RJ45 Enclosure Unloaded

The Euromod IP66 two port RJ45 Enclosure protects the Euromod DataGate Jack terminations from impact damage, dust and pressured jets of water. The product features a fixed gasket around the rear backbox/mounting box and a further gel seal and gasket enclosing the RJ45 jacks and patch cord connections under the hinged cover, ensuring robust protection against the outdoor environment. The product is designed to house the RJ45 jacks needed for the connection of outdoor WAP or security camera devices to the network. The enclosure accepts two Euromod 25 x 50mm Molex DataGate modules, supplied separately. Contact Molex Regional Technical Solutions for installation guidance.

- Ingress Protection Rating 66
- Enclosure manufactured from UV resistant polycarbonate which does not crack and provides strong impact protection
- Fixed gaskets protect the rear cable connections from dust and water ingress
- Durable gel seal protects patch cord and jack connections from weather damage
- Accepts two RJ45 Euromod 25 x 50mm modules (supplied separately)
- Easy installation

Order No.	SAP No.	Description
SBX-00019-08	181320016	Euromod IP66 2 x RJ45 Enclosure Unloaded Gray
Compatible Euromod Outlets		
MEU-00074-02	181240031	Euromod Bezel 25 x 50mm Unloaded White

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

Copper Solutions PowerCat 6A Shielded IP67 Connectivity Solution

C6A Shielded Keystone Jack Page 15

The Molex Category 6A IP67 Connectivity

Designed to support 10Gb/s data transmission in work areas subject to heat, fluids, dust and humidity. The need for a Category 6A connectivity solution designed for areas outside the normal office environment is growing. Data transmission is now ubiquitous in laboratories, food processing plants, restaurant kitchens and sport/leisure point of sale venues. Many healthcare, manufacturing and trade processes generate heat, dust, humidity and fluids that represent a significant threat to a standard work-area data connection. Molex Category 6A shielded IP67 work area RJ45 Jack and Patch Cord connectivity solution quickly and easily protects the vital but vulnerable network connection from tough environmental conditions using rugged, quarter turn lock, mated housings.

- Fits into stainless steel faceplates designed for IP67 housings
- Avoids accidental disconnection
- Visual and audible quarter turn locking
- Resistant to dust, water and heat
- Patch cords feature strain-relief "spring" like boot design for excellent flexibility and bend radius protection
- Meets channel requirements of ANSI/TIA-568-D.2 and ISO/IEC 11801 Category 6A four connector channel performance when installed with Molex Category 6A shielded Keystone jack part no. KSJ-00079 only

C6A Shielded IP67 - Patch Cords

- High impact flame retardant plastic quarter turn lock housing IEC 61076-3-106 compliant
- 4 Pair 26 AWG stranded copper wire
- TPE/PVC double sheath
- High performance shielded C6A plug
- IP67 RJ45 to IP67 RJ45 and IP67 RJ45 to standard boot RJ45 versions available

Order No.	SAP No.	Description
PCD-07121-BK	183162207	Patch Cord C6A Shielded IP67-RJ45 1m Black
PCD-07129-BK	183162325	Patch Cord C6A Shielded IP67-RJ45 1.5m Black
PCD-07122-BK	183162208	Patch Cord C6A Shielded IP67-RJ45 2m Black
PCD-07123-BK	183162209	Patch Cord C6A Shielded IP67-RJ45 3m Black
PCD-07124-BK	183162210	Patch Cord C6A Shielded IP67-RJ45 5m Black
PCD-07125-BK	183162211	Patch Cord C6A Shielded IP67-IP67 1m Black
PCD-07130-BK	183162326	Patch Cord C6A Shielded IP67-IP67 1.5m Black
PCD-07126-BK	183162212	Patch Cord C6A Shielded IP67-IP67 2m Black
PCD-07127-BK	183162213	Patch Cord C6A Shielded IP67-IP67 3m Black
PCD-07128-BK	183162214	Patch Cord C6A Shielded IP67-IP67 5m Black

C6A Shielded IP67 - Jack

Robust shielded IP67 jack designed for use in work areas subject to heat, fluids, dust and humidity. Protects vulnerable network connection from tough environmental conditions.

- High impact flame retardant plastic quarter turn lock housing IEC 61076-3-106 compliant
- Robust die-cast zinc alloy category 6A jack housing
- Dual color coding allows 568A/B wiring
- IEEE 803.2bt PoE compliant

Order No.	SAP No.	Description
KSJ-00092	183010127	Jack C6A Shielded IP67 568A/B

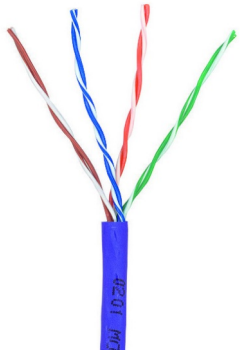
Backbox

Robust shielded backbox designed to protect network connections in work areas subject to heat, fluids, dust and humidity.

- Stainless Steel front plate for abrasion resistance
- Rubber gasket for protection against dust and water ingress
- Cable entry glands seal and protect jack terminations
- Polyacrylic ABS backbox for durability and strength.

Order No.	SAP No.	Description
SBX-00016	181320013	Backbox 1P IP67 Stainless Steel Plate 128 x 128mm White
SBX-00017	181320014	Backbox 2P IP67 Stainless Steel Plate 128 x 128mm White
SBX-00018	181320015	Backbox 4P IP67 Stainless Steel Plate 128 x 128mm White

Copper Solutions PowerCat 6 Unshielded

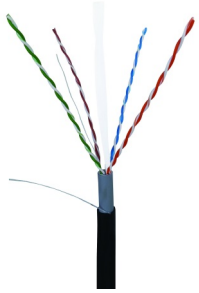


PowerCat 6 U/UTP Cable

The Molex PowerCat 6 U/UTP cable supports high speed data networks such as Gigabit Ethernet (1000 Base-T/1000 Base-TX) and beyond. Pair twisting ensures optimum Return Loss and NEXT performance and maintains pair twist rate during installation. Cat 6 U/UTP cable incorporates central cross member maintaining pair separation during installation to ensure premium performance after installation.

- Supplied in convenient 305m reel in a box
- 23 AWG Conductors for improved Insertion Loss Performance
- Available with different sheath colors for application versatility

Order No.	SAP No.	Description
CAA-00076	181440011	PowerCat 6 4 Pair FRPVC 305m Cable, CM Rated - Blue
CAA-00176	181440012	PowerCat 6 4 Pair FRPVC 305m Cable, CM Rated - Gray
CAA-00200	182080413	PowerCat 6 4 Pair LS0H 305m Cable, CM Rated - Purple



PowerCat 6 Outside Premise Cable

The Molex Category 6 Outside Premise cable contains 4 Pair UTP sheathed with a gray LS0H compound. An additional layer of heavy-duty black PE outer jacket renders the cable suitable for outdoor installations

- Category 6 Compliant
- LS0H and PVC or PE (UV) and nylon sheathed for greater protection
- UV Resistant
- Suitable for Outdoor/Underground Installations including mild mechanical abuse and rain

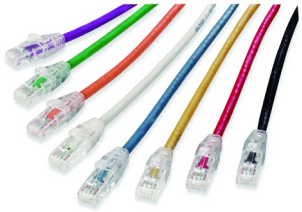
Order No.	SAP No.	Description
CAA-00340	Consult Molex	PowerCat 6 4 Pair U/UTP Gel Filled OSP Cable PE(UV)/Nylon Sheathed 305 m

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 LS0H Solid Cable to meet all requirements within LAN and Data Center environments.

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

Order No.	SAP No.	Description
LS0H Dca-s2,d2,a1		
PCD-00464-0P	181880025	PowerCat 6 U/UTP Solid Cable Assembly LS0H Purple - 4m
PCD-00465-0P	181880026	PowerCat 6 U/UTP Solid Cable Assembly LS0H Purple - 6m
PCD-00466-0P	181880027	PowerCat 6 U/UTP Solid Cable Assembly LS0H Purple - 8m
PCD-00467-0P	181880028	PowerCat 6 U/UTP Solid Cable Assembly LS0H Purple - 10m
PCD-00468-0P	181880029	PowerCat 6 U/UTP Solid Cable Assembly LS0H Purple - 20m
PCD-00469-0P	181880030	PowerCat 6 U/UTP Solid Cable Assembly LS0H Purple - 30m
PCD-00470-0P	181880031	PowerCat 6 U/UTP Solid Cable Assembly LS0H Purple - 40m



PowerCat 6 U/UTP Patch Cords

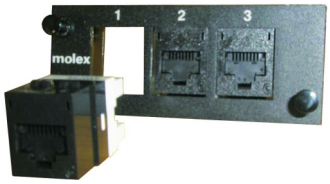
Molex PowerCat 6 U/UTP Patch Cords are key components of PowerCat 6 U/UTP End-to-End Solution. The PowerCat 6 Patch Cords are designed to support data networks for 10/100BASE-T and 1000BASE-T applications. The patch cable is made from high quality four pair 24 AWG stranded copper wire. Available in a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

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

Order No.	SAP No.	Description
PCD-02000-**	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H 0.5m #
PCD-02130-**	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H 0.25m #
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
PCD-02029-**	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 15m
PCD-02039-**	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 20m

Insert color code in place of ** in part number when ordering Patch Cords: 0C=Red, 0E=Gray, 0H=Blue, 0J=Green, 0K=Yellow, 0W=White, 0P=Purple, 0N=Orange, BK=Black # Please note: Molex manufactures patch cords shorter than 1m. These cords can be used for channel or equipment interconnect, however it is important to note that shorter cords do not meet the transmission test requirements outlined in the International Standards due to their reduced length. Molex tests these shorter cords for mechanical and wiremap compliance.

Copper Solutions PowerCat 6 Unshielded



Multi-Function Enclosure Page 43

PowerCat Unloaded DataGate Adapter Plate

The Unloaded Adapter Plate 3 x DataGate Jacks is designed for applications where fiber 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 Fiber Optic Panels. The Adapter Plate can also be combined with Fiber Optic 6 Fiber Adapter Plates for multi-media applications.

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

Order No.	SAP No.	Description
AFR-00440	Consult Molex	Adapter Plate 3x PowerCat DataGate unloaded

PowerCat Unloaded DataGate Panels

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 labeling
- Individually removable patch panel ports
- Removable cable management shelves ensure 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 Flat 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)

* Color Options - 2 = White, 4 = Black

PowerCat 6 Patch Panels

PowerCat 6 Patch Panels feature the shuttered DataGate Connector which is dual color 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 labeling. Individual ports can be color coded using an icon for site-specific network administration.

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

Order No.	SAP No.	Description
PID-00141-04	182090025	PowerCat 6 24 Port Patch Panel RJ45 568A/B UTP C6 - 1U - Black
PID-00142-04	182090026	PowerCat 6 48 Port Patch Panel RJ45 568A/B UTP C6 - 2U - Black
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)

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

PowerCat 6 Angled Patch Panels

Angled Patch Panels are ideal for installations of high density or which utilize extensive side and end-of-the-rack cable management. The angled feature provides enhanced port access and minimizes patch cord bend radius to the rack. Each port features a patented spring-loaded shutter and can be color 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
- Integral cable rear management

Order No.	SAP No.	Description
PID-00156B	182080298	PowerCat 6 24 Port Angled Patch Panel RJ45 568A/B UTP Black - 1U
PID-00157	182080299	PowerCat 6 48 Port Angled Patch Panel RJ45 568A/B UTP - 2U

Keystone Patch Panel

The Molex Keystone panel provides an unloaded panel that can be loaded with the Molex 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 labeling 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	182960014	24 Port Keystone Jack Patch Panel 1U Unloaded - Metric fixing kit
PID-00289	182960027	48 Port Keystone Jack Patch Panel 2U Unloaded - Metric fixing kit
PID-00210-04	180810047	24 Port Keystone Jack Patch Panel 1U Unloaded
KSJ-00064-**	Consult Molex	Keystone Blank
CSP-00039	181170026	Spare Fixing Kit for PID-00257 or PID-00289 includes both Metric and Imperial Fittings

** Color Options: 02 =White, 04 = Black

Keystone Jack
Page 25

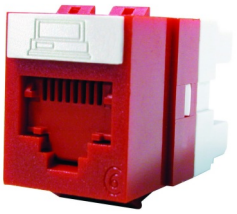
24 Port 1U Keystone Jack Angled Patch Panel Unloaded

The Unloaded Keystone Jack Angled Patch Panels can be configured to provide the exact number of modular ports required.The panels accept Molex UTP or Shielded Keystone Jacks. The product is supplied with one earthing screw and robust rear cable management tray.

- 24 Port 1U Unloaded
- Easy snap in UTP and Shielded Keystone Jacks (supplied separately)
- Modularity provides installation flexibility
- Silk-screened individual port identification
- Metric Rack Mounting Kit included
- Robust cable management shelf ensures bend radius compliance
- Cabinet fixing kit included

Keystone Jack
C6A Shielded
Tool-less
Page 15

Order No.	SAP No.	Description
PID-00292-BK	182960034	24 Port 1U Keystone Jack Angled Patch Panel Unloaded



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 color coded for either 568A or 568B wiring schedules and is backwards compatible with C5e systems.

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

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)

** Color Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Gray, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple. Standard stocked colors - Black and White. All colors subject to availability and variable pricing.

Termination Tool
Page 97

Unloaded
DataGate Panels
Page 14

PowerCat 6 MOD-Clip DataGate Jack

The MOD-Clip 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 provides tactile feedback - the spring-loaded shutter pops out an improperly seated patch cord - all with single-handed plug-in and removal. Available in seven colors MOD-Clip DataGate jacks utilize patented IDC V-shaped contacts that flex not fatigue when terminated.

- "Spring-Loaded" gate prevents incomplete mating
- IDC contacts that flex not fatigue when terminated
- Pointed IDC towers to speed termination and enhance cable retention
- 568 A/B wiring configuration
- Allows rear and side entry cable termination
- Designed for use with Molex's MOD-Clip wallplates
- Designed to fit the Clipsal, HPM and PDL systems of wallplates

Order No.	SAP No.	Description
MMC-00010-**	Consult Molex	PowerCat 6 MOD-Clip DataGate Jack, 568A/B

** Color 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 labeling facility. Individual ports may be color coded for site-specific network administration by fitting connector icon labels.

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

Order No.	SAP No.	Description
MGB-00001-02	181770082	PowerCat 6 Angled Contura Module RJ45 568A/B UTP - White
MGB-00002-02	181770216	Contura Module Blank - White

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 color coded for site-specific network administration using connector icon labels.

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

Order No.	SAP No.	Description
MEU-00056-02	181730016	PowerCat 6 Euromod II Module RJ45 568A/B UTP - White
MEU-00056-04	181730017	PowerCat 6 Euromod II Module RJ45 568A/B UTP - Black
17-0412-02	180060060	Euromod Quarter (12.5 x 50mm) Blank - White
17-0413-02	181370005	Euromod Half (25 x 50mm) Blank - White
17-0414-02	180060062	Euromod Full (50 x 50mm) Blank - White

PowerCat 6 Angled MOD-SNAP III Module

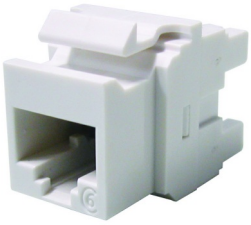
The angled MOD-SNAP III Module is ideal for floor box applications. The product is a fully assembled unit featuring the shuttered DataGate connector. The angled design reduces patch cord bend radius particularly in shallow floor box installations. The angled MOD-SNAP Module can also be used in the MOD-SNAP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

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

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

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

Copper Solutions PowerCat 6 Unshielded



PowerCat 6 UTP Keystone Jack

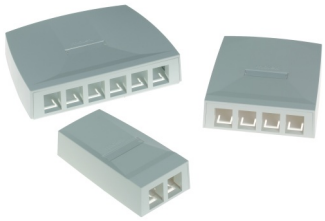
Utilizing patented IDC V-shaped contacts that flex not fatigue when terminated, the RJ45 Keystone Jack is compatible with any product that accepts the standard keystone profile.

- Dual color 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
- Molded category identification on jack face

Order No.	SAP No.	Description
KSJ-00033-**	Consult Molex	Keystone Jack, Category 6, 8W, 568A/B
MOF-00014	180060163	Keystone Jack Bezel

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

4-Pair Termination Tool
Page 97



Synergy Surface Mount Box

The PowerCat Synergy Surface Box is ideal for use in open office cabling. The 2, 4 and 6 port boxes are supplied unloaded and accept the DataGate Jack and Synergy Single Position Modules. The single port versions ship loaded with the DataGate Jack. Synergy Surface Boxes offer simple and organized 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 color coded for site-specific network administration using connector icon labels.

- Stylish design
- Simple, organized cable entry and installation
- Screw fixing
- Clear and concise labeling
- DataGate Jack & Synergy Module compatible

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

DataGate Jacks
Page 23

Fiber Modules
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Multimedia Modules
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Keystone Jack 1 & 2 Port Surface Mount Boxes

Simple, organized installation for work areas where surface mount is the only option, such as confined spaces. The product is compatible with Molex range of Keystone Jacks, C5e, C6 and C6A. The base is mounted with the screws provided. Keystone Jacks are fitted into the base of the box from the rear to reduce the risk of tampering, and the cable is secured to base using the cable tie off points provided. The design of the Snap-On cover is contoured for a sleek and contemporary appearance and includes a protected label window for clear port identification.

- Utilizes C5e UTP, Cat 6 UTP, Cat 6A shielded and unshielded Molex Keystone Jacks
- Contemporary styling
- Rear loaded Keystone Jacks to reduce tampering
- Slotted screw holes for easy alignment and removal
- Protected label holder for clear port identification
- Supplied unloaded

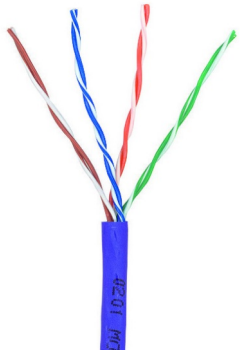
Order No.	SAP No.	Description
OSB-00001-02	181350007	1 Port Keystone Surface Mount Box - White
OSB-00002-02	181350008	2 Port Keystone Surface Mount Box - White

Keystone Jack C6A UTP
Page 8

Keystone Jack C6A Shielded
Page 15

Keystone Jack C6 UTP
Page 25

Copper Solutions PowerCat 5e

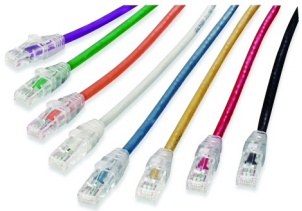


PowerCat 5e U/UTP Cable

The PowerCat Cat 5e U/UTP cable is designed to support ultra high speed data networks such as Gigabit Ethernet (1000 Base-T) and features color coded pairs for ease of termination.

- 4 pair LS0H and PVC Cable
- Available in 305m pull boxes
- Available in blue and gray sheaths for application versatility

Order No.	SAP No.	Description
CAA-00009	181700003	PowerCat 5e 4 Pair Cable, CM Rated, 305m Pull Box - Blue
CAA-00102	182080045	PowerCat 5e 4 Pair Cable, CM Rated, 305m Pull Box - Gray



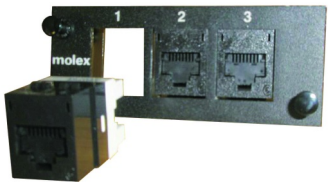
PowerCat 5e UTP Patch Cords

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 colors and lengths, PowerCat 5e patch cords are pre-terminated with RJ45 plugs and feature anti-snag slim strain relief slip on boots.

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

Order No.	SAP No.	Description
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

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



Multi-Function Enclosure Page 43

PowerCat Unloaded DataGate Adapter Plate

The Unloaded Adapter Plate 3 x DataGate Jacks is designed for applications where fiber 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 Fiber Optic Panels. The Adapter Plate can also be combined with Fiber Optic 6 Fiber Adapter Plates for multi-media applications.

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

Order No.	SAP No.	Description
AFR-00440	Consult Molex	Adapter Plate 3x PowerCat DataGate unloaded

PowerCat Unloaded DataGate Panels

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 labeling
- Individually removable patch panel ports
- Removable cable management shelves ensure 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 Flat 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)

* Color Options - 2 = White, 4 = Black

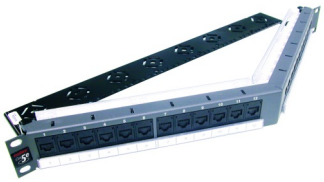
PowerCat DataGate Patch Panel

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 color coded using an icon for site-specific network administration.

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

Order No.	SAP No.	Description
PID-00174-04	181060012	PowerCat 5e 24 Port DataGate Patch Panel RJ45 568A/B UTP - 1U
PID-00175-04	181060018	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)

** Color Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Gray, 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 utilize extensive side and end-of-the-rack cable management. The angled feature provides enhanced port access and minimizes patch cord bend radius to the rack. Each port features a patented spring-loaded shutter and can be color coded to match jack outlets and provides both front and rear labeling options.

- Angled design
- Shuttered DataGate RJ45
- 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	182080245	PowerCat 5e 24 Port Angled Patch Panel RJ45 568A/B UTP - 1U
PID-00155	182080295	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)

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

Keystone Patch Panel

The Molex Keystone panel provides an unloaded panel that can be loaded with the Molex 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 labeling 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	182960014	24 Port Keystone Jack Patch Panel 1U Unloaded - Metric fixing kit
PID-00289	182960027	48 Port Keystone Jack Patch Panel 2U Unloaded - Metric fixing kit
PID-00210-04	180810047	24 Port Keystone Jack Patch Panel 1U Unloaded
KSJ-00064-**	Consult Molex	Keystone Blank
CSP-00039	181170026	Spare Fixing Kit for PID-00257 or PID-00289 includes both Metric and Imperial Fittings

** Color Options: 02 =White, 04 = Black

Keystone Jack
Page 25

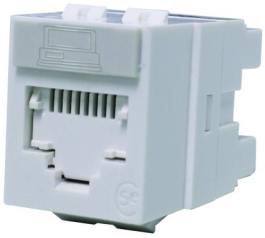
24 Port 1U Keystone Jack Angled Patch Panel Unloaded

The Unloaded Keystone Jack Angled Patch Panels can be configured to provide the exact number of modular ports required.The panels accept Molex UTP or Shielded Keystone Jacks. The product is supplied with one earthing screw and robust rear cable management tray.

- 24 Port 1U Unloaded
- Easy snap in UTP and Shielded Keystone Jacks (supplied separately)
- Modularity provides installation flexibility
- Silk-screened individual port identification
- Metric Rack Mounting Kit included
- Robust cable management shelf ensures bend radius compliance
- Cabinet fixing kit included

Keystone Jack
C6A Shielded
Tool-less
Page 15

Order No.	SAP No.	Description
PID-00292-BK	182960034	24 Port 1U Keystone Jack Angled Patch Panel Unloaded



DataGate Patch Panels
Page 14

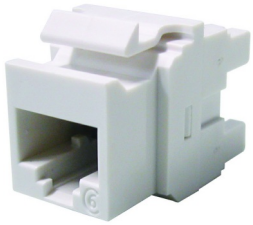
PowerCat DataGate Jacks

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 colors the DataGate jack utilize patented IDC V-shaped contacts that flex not fatigue when terminated and provides molded category identification on jack face as well as optional port identification icons.

- Integral 'spring-loaded' shutter 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
- Designed for use with Molex's Synergy, Streamline & USO II system of wallplates and surface blocks Compatible with Molex Unloaded DataGate Patch Panels

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

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



PowerCat 5e UTP Keystone Jack

Utilizing 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 color 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
- Molded category identification on jack face

Order No.	SAP No.	Description
KSJ-00032-**	Consult Molex	Keystone Jack, Category 5e, 8W, 568A/B
MOF-00014	180060163	Keystone Jack Bezel

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

PowerCat MOD-Clip DataGate Jack & MOD-Clip PCB Jack

Molex's range of MOD-Clip jacks are designed to maintain clean secure connections. The MOD-Clip DataGate jack features a patented 'spring-loaded shutter' which protects it from dust and contaminants as well as provides tactile feedback - the spring-loaded shutter pops out an improperly seated patch cord - all with singlehanded plug-in and removal. The MOD-Clip PCB jack is an unshuttered alternative that utilizes Molex's KATT IDC technology.

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

Order No.	SAP No.	Description
MMC-00019-**	Consult Molex	PowerCat 5e MOD-Clip Jack, 568A, RJ45 - Unshuttered

** Color Options - 02 = White, 04 = Black, 08 = Light Gray, RD = Red, BL = Blue, GR = Green, YL = Yellow. Standard Stocked Colors - Black and White. All colors may be subject to availability and variable pricing.

Keystone Jack 1 & 2 Port Surface Mount Boxes

Simple, organized installation for work areas where surface mount is the only option, such as confined spaces. The product is compatible with Molex range of Keystone Jacks, C5e, C6 and C6A. The base is mounted with the screws provided. Keystone Jacks are fitted into the base of the box from the rear to reduce the risk of tampering, and the cable is secured to base using the cable tie off points provided. The design of the Snap-On cover is contoured for a sleek and contemporary appearance and includes a protected label window for clear port identification.

- Utilizes C5e UTP, Cat 6 UTP, Cat 6A shielded and unshielded Molex Keystone Jacks
- Contemporary styling
- Rear loaded Keystone Jacks to reduce tampering
- Slotted screw holes for easy alignment and removal
- Protected label holder for clear port identification
- Supplied unloaded

Order No.	SAP No.	Description
OSB-00001-02	181350007	1 Port Keystone Surface Mount Box - White
OSB-00002-02	181350008	2 Port Keystone Surface Mount Box - White

Keystone Jack C6A UTP
Page 8

Keystone Jack C6A Shielded
Page 15

Keystone Jack C6 UTP
Page 25

M12 SF/UTP D Code Category 5e Assembly

Molex M12 D code assemblies are designed to withstand harsh-industrial and weather environments with superior quality that assures very reliable connections for control elements in automated equipment. These high-quality connectors allow fast and simple replacement of sensors, encoders, switches and other industry network input and output devices in industrial machinery. The M12 assembly offers a sealed connection with superior EMI/RFI shielding in high-vibration environment.

- SF/UTP Cable with excellent EMC performance
- Sealed connection to support harsh industrial environments
- Prevents the coupler from loosening even under vibration
- Compatible with Industry standard IEC 61076-2-101 interface
- Category 5e performance up to 100MHz bandwidth
- Male and female
- D code with 4 poles to support industrial network

PCD-03SFAABB-CC-I*

Patch Cord Family

PUR Sheath

Shield:SF/UTP

Connector:
RR=RJ45 to RJ45
MM=M12 Male to M12 Male
RM=RJ45 to M12 Female

Length in Meters
0.5M TO 90M
For 0.5 Stage:
0A= 0.5M
0B=1.5M
0C=2.5M
0D=3.5M
0E=4.5M
0F=5.5M
0G=6.5M
0H=7.5M
0I=8.5M
0J=9.5M
0K=10.5M
0L=11.5M
0M=12.5M
0N=13.5M
0O=14.5M
0P=15.5M
0Q=16.5M
0R=17.5M
0S=18.5M
0T=19.5M

Jacket Color Code
WB - Water Blue (RAL-5021)
0W - White
BK - Black
0H - Blue
0E - Gray
0J - Green
0K - Yellow
0N - Orange
0P - Purple
0C - Red
PK - Pink

For India Only

Order No.	SAP No.	Description
PCD-03SFAABB-CC-*	Consult Molex	M12 SF/UTP D Code Category 5e Assembly

Tomorrow's innovations

Optical fiber is an integral medium for structured cabling systems. Its bandwidth capabilities, resistance to interference and its ability to be run long distances have made it the ideal choice for facility or campus backbones.

With truly future-ready performance, fiber is also becoming more prevalent in high-speed networks.

Fiber Optic Solutions

Tailored for Every Application

Molex's comprehensive range of fiber products are available to suit applications including outdoor environments, campus applications and telecom access lines, in Backbone or To-The-Desk applications.

Designed for Exceptional Performance

Our advanced manufacturing processes ensure our fiber products are built to the highest standards and meet or exceed all Telecommunication, CATV and Data Communication Industry standards.

Future-Ready Network Infrastructure

The latest OM5 fiber supports 400G transmission and provides a logical migration path to support future higher speed Ethernet. It also offers significant cost savings and supports longer transmission distances

Fiber Cable - Outdoor Loose Tube Water Block Gel Filled Nylon Jacket

Outdoor Loose Tube fiber cable ideal for campus applications. Non-metallic construction, outer nylon jacket provides protection from termites.

Order No.	SAP No.	Description
AFOLH006OM3	180570299	Outdoor Loose Tube Fiber Cable, OM3, 6-Core
AFOLH012OM3	180570317	Outdoor Loose Tube Fiber Cable, OM3, 12-Core
AFOLH024OM3	180570319	Outdoor Loose Tube Fiber Cable, OM3, 24-Core
AFOLH048OM3	180570435	Outdoor Loose Tube Fiber Cable, OM3, 48-Core
OM4		
AFOLH006OM4	180570179	Outdoor Loose Tube Fiber Cable, OM4, 6-Core
AFOLH008OM4	180570180	Outdoor Loose Tube Fiber Cable, OM4, 8-Core
AFOLH012OM4	180570181	Outdoor Loose Tube Fiber Cable, OM4, 12-Core
AFOLH024OM4	180570182	Outdoor Loose Tube Fiber Cable, OM4, 24-Core
OS2		
AFOLH004OS1	180570306	Outdoor Loose Tube Fiber Cable, OS1, 4-Core
AFOLH006OS1	180570140	Outdoor Loose Tube Fiber Cable, OS1, 6-Core
AFOLH008OS1	180570307	Outdoor Loose Tube Fiber Cable, OS1, 8-Core
AFOLH012OS1	180570059	Outdoor Loose Tube Fiber Cable, OS1, 12-Core
AFOLH024OS1	180570320	Outdoor Loose Tube Fiber Cable, OS1, 24-Core
AFOLH048OS1	180570322	Outdoor Loose Tube Fiber Cable, OS1, 48-Core
AFOLH072OS1	180570323	Outdoor Loose Tube Fiber Cable, OS1, 72-Core

Note: Stockable product, available upon request, subject to variable pricing.

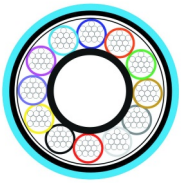
Fiber Cable - Outdoor Armored Loose Tube Water Block Gel Filled Nylon Jacket

Outdoor Loose Tube Fiber Cable, armored for harsh outdoor applications. Loose tube construction surrounds fibersin a protective gel, allowing for expansion and contraction of the cable without damage to the fibers.

- Loose tube construction
- Armored for harsh outdoor applications
- Loose tube construction surrounds the fibers in a protective gel, allowing for expansion and contraction of the cable without damage to the fibers
- Available in 50/125µm and 62.5/125µm MM and 9/125µm SM fiber versions
- Fibers compliant to ISO/IEC 11801 fiber specifications
- Nylon jacket
- Other core counts available upon request

Order No.	SAP No.	Description
AFOAH012OM3	180570312	Outdoor Armored Fiber Cable, OM3, 12-Core
AFOAH006OM4	Consult Molex	Outdoor Armored Fiber Cable, OM4, 6-Core
OM4		
AFOAH012OM4	Consult Molex	Outdoor Armored Fiber Cable, OM4, 12-Core
AFOAH024OM4	Consult Molex	Outdoor Armored Fiber Cable, OM4, 24-Core
OM5		
AFOAH006OM5	Consult Molex	Outdoor Armored Fiber Cable, OM5, 6-Core
AFOAH012OM5	Consult Molex	Outdoor Armored Fiber Cable, OM5, 12-Core
AFOAH024OM5	Consult Molex	Outdoor Armored Fiber Cable, OM5, 24-Core
OS2		
AFOAH004OS1	180570193	Outdoor Armored Fiber Cable, OS2, 4-Core
AFOAH006OS2	Consult Molex	Outdoor Armored Fiber Cable, OS2, 6-Core
AFOAH012OS2	Consult Molex	Outdoor Armored Fiber Cable, OS2, 12-Core
AFOAH024OS2	180570314	Outdoor Armored Fiber Cable, OS2, 24-Core
AFOAH048OS2	180570458	Outdoor Armored Fiber Cable, OS2, 48-Core
AFOAH072OS2	180570315	Outdoor Armored Fiber Cable, OS2, 72-Core

Fiber Optic Solution Lightband Cable

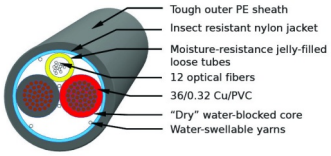


External Mini Loose Tube, Optical Fiber Cable

This loose tube dielectric optical cable is designed for external underground installations in (micro) ducts by pulling, blowing or floating techniques. Polyamide provides anti-termite protection. Optimized for blowing in mini ducts of 10mm diameter (internal).

- UV stabilized polyethylene inner sheath
- UV stabilized polyamide (nylon) hard jacket integrally bonded to PE inner sheath
- Two ripcords provided for easy removal
- 2-144 fibers
- Complies with IEC 60794-5, ACMA - AS/CA S008, AS/NZS 2857, AS 1049

Order No.	SAP No.	Description
OM3		
AFOMS006OM3	180570588	6 Core, OM3, External Mini Loose Tube, Fiber Cable
AFOMS012OM3	180570589	12 Core, OM3, External Mini Loose Tube, Fiber Cable
AFOMS024OM3	180570590	24 Core, OM3, External Mini Loose Tube, Fiber Cable
OM4		
AFOMS006OM4	180570591	6 Core, OM4, External Mini Loose Tube, Fiber Cable
AFOMS012OM4	180570592	12 Core, OM4, External Mini Loose Tube, Fiber Cable
AFOMS024OM4	180570593	24 Core, OM4, External Mini Loose Tube, Fiber Cable
OM5		
AFOMS006OM5	180570591	6 Core, OM5, External Mini Loose Tube, Fiber Cable
AFOMS012OM5	180570592	12 Core, OM5, External Mini Loose Tube, Fiber Cable
AFOMS024OM5	180570593	24 Core, OM5, External Mini Loose Tube, Fiber Cable
OS2		
AFOMS006OS2	180570581	6 Core, OS2, External Mini Loose Tube, Fiber Cable
AFOMS012OS2	180570582	12 Core, OS2, External Mini Loose Tube, Fiber Cable
AFOMS024OS2	180570583	24 Core, OS2, External Mini Loose Tube, Fiber Cable
AFOMS048OS2	180570584	48 Core, OS2, External Mini Loose Tube, Fiber Cable
AFOMS072OS2	180570585	72 Core, OS2, External Mini Loose Tube, Fiber Cable
AFOMS096OS2	180570586	96 Core, OS2, External Mini Loose Tube, Fiber Cable
AFOMS144OS2	180570587	144 Core, OS2, External Mini Loose Tube, Fiber Cable



Hybrid Cable

Rugged easy to use hybrid cable consisting of flexible stranded Copper conductors and integrating communications links utilizing fiber optic technologies. For applications requiring remote low-voltage power and high-speed communications, these designs provide an efficient single-installation option where space is of a premium and devices are not easily accessed. Designed for visual monitoring systems using the optical fiber for video transmission, with the camera power supplied via the PVC insulated conductors. These applications include security networks, IP enable appliances and wireless access points.

Order No.	SAP No.	Description
AFOEH012OS1	Consult Molex	12 Fiber Hybrid Cable Water Blocking OS1a/2 Nylon/PE Sheath

Fiber Optic Solution Lightband Pre-Terminated Fiber Optic Leads

Pre-terminated Fiber Optic Leads

Molex Pre-Terminated Fiber 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 Center tie cables and low optical loss backbone riser cables.

- Available in 50/125µm and 62.5/125µm Multimode and 9/125µm Singlemode fiber versions
- Fibers compliant to ISO/IEC 11801 fiber 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
- Part number generator, F.O. Configurator – Hybrid cable assemblies is available on Molex Customer Support Portal: csp.molex.com.

9 1 X X 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
7=Fca Micro Cable LS0H

Fiber 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

Fiber 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 meters

Jacket Color
0=Default Color:
OM1=Orange
OM2=Gray
OM3=Aqua
OM4=Erika Violet(LS0H)
OM4=Aqua(PVC)
OM5=Lime Green
SM=Yellow
Q=Aqua
L=Blue
R=Red
D=Black
E=Dark Gray
J=Green
K=Yellow
N=Orange
P=Pink
S=Salmon Pink
U=Purple
V=Erika 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

Order No.	SAP No.	Description
91XXXXXXXXXXXXXXXX	Consult Molex	Pre-terminated Fiber Optic Leads

Fiber Optic Solution Lightband Patch Cords and Pigtails

Fiber Optic Patch Cords

Molex Optical Fiber Patch Cords are LS0H jacketed as standard. PVC and Plenum rated cables are available at request. Molex patch cords offer factory-controlled performance in a variety of connector, ISO performance standards and lengths. Molex has taken specific attention to the endface geometry and fiber core alignment to ensure reliability and optimized performance

- 100% Factory Tested - Guaranteed performance
- LS0H Jacket Standard - Reduces toxic / corrosive gasses emitted during combustion. Plenum and PVC also available
- Multiple Formats available - Available in Simplex, Duplex, Singlemode, Multimode and a variety of connector options
- Part number generator, F.O. Configurator – Patch Cords and Pigtails is available on Molex Customer Support Portal: csp.molex.com.

91.XX.XXX.XXXXX-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
F = FC
G = FC/APC
J = LC (w/90° boot)
L = LC Duplex
P = Push-Pull Duplex LC
U = MU
M = Uniboot LC
E = 2000/APC
N = LC/APC
K = E-2000

Fiber Type
8 = G.657A2 (LS0H Jacket)
= OS1a/OS2 (PVC / Plenum Jacket)
6 = OM1 (62.5/125µm)
5 = OM2 (50/125µm)
2 = OS2 (Only for pigtail)
3 = OM3 bending insensitivity
4 = OM4 bending insensitivity
9 = OM5 bending insensitivity

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

Jacket Type
1 = PVC
2 = LS0H
3 = Plenum

Length (meters)
XXX=Length in meters
00A = 0.5 meter
00B = 1.5 meter
00C = 2.5 meter
00D = 3.5 meter
00E = 4.5 meter

Special Code*
(Blank)=default (none)
S = 6 Colors Packed Pigtail
T = 12 Colors Packed Pigtail

Jacket Color
0 = Default Color:
OM1 MM = Orange
OM2 MM = Gray
OM3 MM = Aqua
OM4 MM = Erika Violet (Non-Plenum)
Aqua (Plenum)
OM5 MM= Lime Green
SM = Yellow
A = Aqua
B = Blue
C = Red
D = Black
E = DK Gray
J = Green
K = Yellow
N = Orange
P = Pink
W = White
V = Erika Violet
S = Salmon Pink

Insertion Loss Code
0 = Standard Loss, Cross Over
L = Low Loss, Cross Over
1 = Standard Loss, Parallel
2 = Low Loss, Parallel

For Example: To order a 1 meter DLC - DSC OM3 Patch Cord the part number would be 91.9L.372.00100
Note *: Special code is not necessary when set to blank

Order No.	SAP No.	Description
91.XX.XXX.XXXXX-X	Consult Molex	Fiber Optic Patch Cords

Fiber Optic Solution Lightband Patch Cords and Pigtails

Lightband Patch Cords and Pigtails

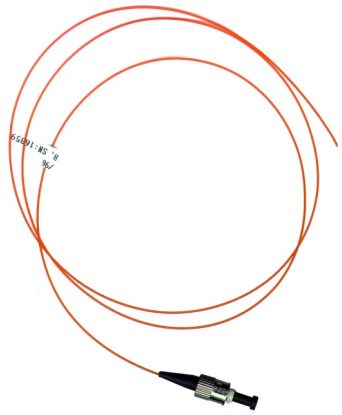
To help with ordering, a part number generator is available for these products on the Molex Customer Support Portal - csp.molex.com

LC Pigtails

Order No.	SAP No.	Description
91.L0.632.00B00-6	180610144	LC Pigtails 6 PC X 1 Fiber 62.5µm (OM1) MM - 1.5m
91.L0.332.00B00-6	180610142	LC Pigtails 6 PC X 1 Fiber 50µm (OM3) MM - 1.5m
91.L0.332.00B00-12	180610141	LC Pigtails 12 PC X 1 Fiber 50µm (OM3) MM - 1.5m
91.L0.432.00B00-6	180610143	LC Pigtails 6 PC X 1 Fiber 50µm (OM4) MM - 1.5m
91.L0.432.00B00-12	180610238	LC Pigtails 12 PC X 1 Fiber 50µm (OM4) MM - 1.5m
91.L0.832.00B00-6	180610146	LC Pigtails 6 PC X 1 Fiber 9µm (OS1a/2) SM - 1.5m
91.L0.832.00B00-12	180610145	LC Pigtails 12 PC X 1 Fiber 9µm (OS1a/2) SM - 1.5m

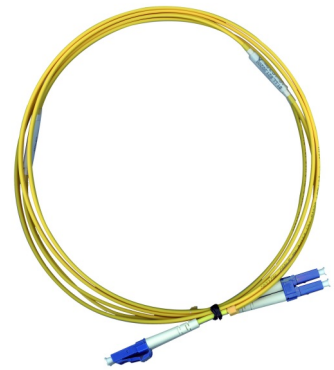
SC Pigtail

Order No.	SAP No.	Description
91.30.632.00B00-6	180610138	SC Pigtails 6 PC X 1 Fiber 62.5µm (OM1) MM - 1.5m
91.30.332.00B00-6	180610136	SC Pigtails 6 PC X 1 Fiber 50µm (OM3) MM - 1.5m
91.30.432.00B00-6	180610139	SC Pigtails 6 PC X 1 Fiber 50µm (OM4) MM - 1.5m
91.30.832.00B00-6	180590550	SC Pigtails 6 PC X 1 Fiber 9µm (OS1a/2) SM - 1.5m



ST Pigtail

Order No.	SAP No.	Description
91.10.631.00B02-6	Consult Molex	ST Pigtail, 1 Fiber, 62.5µm (OM1) MM - 1m
91.10.331.00B02-6	Consult Molex	ST Pigtail, 1 Fiber, 50µm (OM3) MM - 1m
91.10.831.00B02-6	Consult Molex	ST Pigtail, 1 Fiber, (OS1a/2) SM - 1m



LC Patch Cords

Order No.	SAP No.	Description
91.LL.672.00100	180590901	LC Patch Cord, 62.5µm (OM1) MM, LS0H - 1m
91.LL.372.00100	180590946	LC Patch Cord, 50µm (OM3) MM, LS0H - 1m
91.LL.472.00100	180591036	LC Patch Cord, 50µm (OM4) MM, LS0H - 1m
91.LL.872.00100	180590964	LC Patch Cord, (OS2) SM, LS0H - 1m
91.LL.672.00200	180590902	LC Patch Cord, 62.5µm (OM1) MM, LS0H - 2m
91.LL.372.00200	180590947	LC Patch Cord, 50µm (OM3) MM, LS0H - 2m
91.LL.472.00200	180591037	LC Patch Cord, 50µm (OM4) MM, LS0H - 2m
91.LL.872.00200	180590965	LC Patch Cord, (OS2) SM, LS0H - 2m
91.LL.672.00500	180590904	LC Patch Cord, 62.5µm (OM1) MM, LS0H - 5m
91.LL.372.00500	180590949	LC Patch Cord, 50µm (OM3) MM, LS0H - 5m
91.LL.472.00500	180591038	LC Patch Cord, 50µm (OM4) MM, LS0H - 5m
91.LL.872.00500	180590967	LC Patch Cord, (OS2) SM, LS0H - 5m

Fiber Optic Solution Lightband Patch Cords and Pigtails

SC Patch Cord

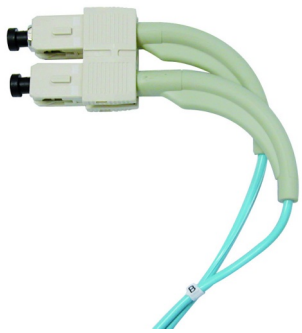
Order No.	SAP No.	Description
91.99.672.00100	180590897	SC Patch Cord, 62.5µm (OM1) MM, LS0H - 1m
91.99.372.00100PK	180593308	SC Patch Cord, 50µm (OM3) MM, LS0H - 1m
91.99.472.00100	180591042	SC Patch Cord, 50µm (OM4) MM, LS0H - 1m
91.99.872.00100	180590960	SC Patch Cord, (OS1a/2) SM, LS0H - 1m
91.99.672.00200	180590898	SC Patch Cord, 62.5µm (OM1) MM, LS0H - 2m
91.99.372.00200PK	180593307	SC Patch Cord, 50µm (OM3) MM, LS0H - 2m
91.99.872.00200	180590961	SC Patch Cord, (OS1a/2) SM, LS0H - 2m
91.99.672.00500	180590900	SC Patch Cord, 62.5µm (OM1) MM, LS0H - 5m
91.99.372.00500	180590993	SC Patch Cord, 50µm (OM3) MM, LS0H - 5m
91.99.872.00500	180590963	SC Patch Cord, (OS1a/2) SM, LS0H - 5m

Uniboot LC Push-Pull Reversible Polarity Patch Cords

The Uniboot LC Push-Pull Reversible Polarity Patch Cords are slim-line patch cords, ideal for extreme high density applications. Using a Uniboot with push pull rod patch cord provides a 50% space saving when compared to traditional zip cord optical patch cords. Ideal for data center, SAN, Enterprise/Campus and Telco central office applications.

- Full Duplex in a single 2mm G.657a2, OM3,OM4, OM5 cable
- Low loss available
- Polarity reversible
- Reduces space required in cable ways and racks improving access and HVAC performance
- LS0H sheath, OFNR, OFNP optional

Order No.	SAP No.	Description
91.PP.8D2.00200	180593927	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, G.657A2, Low Loss, LS0H, 2 meter
91.PP.8D2.00300	180593928	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, G.657A2, Low Loss, LS0H, 3 meter
91.PP.8D2.00500	180593929	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, G.657A2, Low Loss, LS0H, 5 meter
91.PP.3D2.00200	180593933	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM3, Low Loss, LS0H, 2 meter, Aqua
91.PP.3D2.00300	180593934	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM3, Low Loss, LS0H, 3 meter, Aqua
91.PP.3D2.00500	180593935	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM3, Low Loss, LS0H, 5 meter, Aqua
91.PP.4D2.00200	180593939	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM4, Low Loss, LS0H, 2 meter, Erika Violet
91.PP.4D2.00300	180593940	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM4, Low Loss, LS0H, 3 meter, Erika Violet
91.PP.4D2.00500	180593941	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM4, Low Loss, LS0H, 5 meter, Erika Violet
91.PP.9D2.00200	180593945	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM5, Low Loss, LS0H, 2 meter, Lime Green
91.PP.9D2.00300	180593946	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM5, Low Loss, LS0H, 3 meter, Lime Green
91.PP.9D2.00500	180593947	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM5, Low Loss, LS0H, 5 meter, Lime Green



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, (OS1a) 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, (OS1a) 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, (OS1a) 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, (OS1a) SM - 2m

Fiber Optic Solution Lightband Field Terminable Connectors

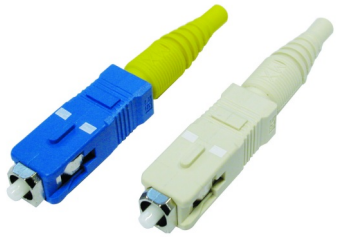
Xpress G2 Pre-Polished Pre-Assembled Connectors

Molex 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-00389	182620015	LC Multimode OM3 10g 250/900µm BF Aqua 10 PC Connector Kit
AFR-00390	182620016	LC Singlemode OS1a 250/900µm BF Blue 10 PC Connector Kit
AFR-00391	182620017	SC Multimode OM1 250/900µm BF Beige 10 PC Connector Kit
AFR-00393	182620019	SC Multimode OM3 10g 250/900µm BF Aqua 10 PC Connector Kit
AFR-00394	182620020	SC Singlemode OS1a 250/900µm BF Blue 10 PC Connector Kit
AFR-00395	182620021	SC/APC Singlemode OS1a 250/900µm BF APC Green 10 PC Connector Kit

Fiber Optic Solution Lightband Oven Cure Connectors



SC Connectors

Molex SC fiber connectors have 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.

- Available in Multimode and Singlemode versions
- Easy to assemble one piece SC connector body
- Meets TIA-568.3-D and IEC 874.19 standards
- Low insertion loss : <0.15dB typ. Singlemode <0.34dB typ. Multimode
- Available in versions to suit 900µm and 3.0mm cables

Order No.	SAP No.	Description
18262-0033	182620033	SC Multimode 900µm Connector kit - Beige Boot
18262-0043	182620043	SC Singlemode 900µm Connector kit - Blue Boot
AFR-00524	182620054	SC OM4 Field Terminated 2mm Connector - Erika Violet Boot

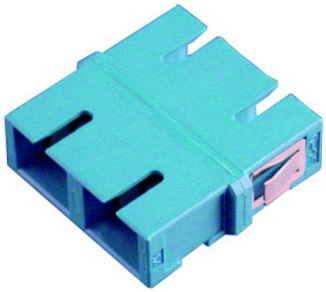
LC Connectors

The LC connector is the result of increased demands for smaller easier-to-use fiber connectivity. The LC connector has reduced the space requirements on equipment bays and distribution panels by 50%. Connectors accommodate 900µm buffered fiber and 1.6mm and 2.4mm jacketed cable. Its six position tuning feature enables unprecedented insertion loss performance by optimizing the alignment of the fiber cores.

- Available in Multimode and Singlemode versions
- Small footprint
- Tunable - optimizes 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

Fiber Optic Solution Lightband Adapters

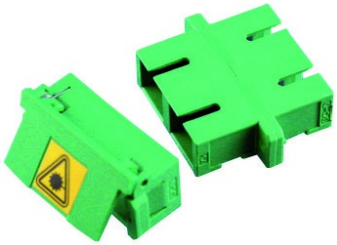


Duplex SC Adapters

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-568.3-D and IEC 874-109 standards
- Unique shuttered feature protects from harmful light emissions - Available upon application

Order No.	SAP No.	Description
18282-0037	182820037	SC/SC Duplex Singlemode Zirconia Flange Mount Unshuttered - Blue
18282-0103	182820103	SC/SC Duplex Multimode Zirconia Flange Unshuttered - Beige
18282-0104	182820104	SC/SC Duplex Multimode Zirconia Flange Unshuttered - Aqua
18282-0038	182820038	SC/SC Duplex Singlemode Zirconia Snap Mount Unshuttered - Blue
18282-0108	182820108	SC/SC Duplex Multimode Zirconia Snap Mount Unshuttered - Beige
18282-0109	182820109	SC/SC Duplex Multimode Zirconia Snap Mount Unshuttered - Aqua
18282-0189	182820189	SC/SC Duplex Zirconia Flange Mount Shuttered - Beige
18282-0191	182820191	SC/SC Duplex Zirconia Flange Mount Shuttered - Erika Violet
18282-0188	182820188	SC/SC Shuttered Duplex Zirconia Flange Mount Shuttered - Green

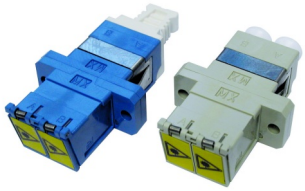


Duplex SC/APC Adapters

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

- NTT-SC and Bellcore 326 compliant connectors
- Meets TIA 568.3-D 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 Singlemode Zirconia Flange Mount Unshuttered - Green
18282-0040	182820040	SC/SC APC Duplex Singlemode Zirconia Snap Mount Unshuttered - Green



Duplex LC Adapters

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

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

Order No.	SAP No.	Description
18282-0112	182820112	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Beige
18282-0117	182820117	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Beige
18282-0045	182820045	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Blue
18282-0046	182820046	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Blue
18282-0047	182820047	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Green
18282-0048	182820048	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Green
18282-0089	182820089	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Erika Violet
18282-0092	182820092	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Erika Violet
18282-0113	182820113	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Aqua
18282-0118	182820118	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Aqua
18282-0185	182820185	LC Shuttered Duplex, Snap Mount, Multimode, OM3/4, Zirconia Alignment Sleeve- Aqua

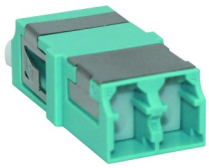
Fiber Optic Solution Lightband Adapters

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.

- Ceramic or Zirconia alignment sleeves
- Unique shuttered feature protects from harmful light emissions - Available upon application

Order No.	SAP No.	Description
18282-0122	182820122	LC Quad, Zirconia Alignment Sleeve, Flange Mount - Beige
18282-0054	182820054	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Blue
18282-0127	182820127	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Beige
18282-0128	182820128	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Aqua
18282-0093	182820093	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Erika Violet
18282-0053	182820053	Quad LC Singlemode OS1/2 Unshuttered Adapter - Blue
106123-1200	1061231200	Quad LC Multimode OM1/2 Shuttered Adapter - Beige
106123-3200	1061233200	Quad LC Multimode OM3 Shuttered Adapter - Aqua

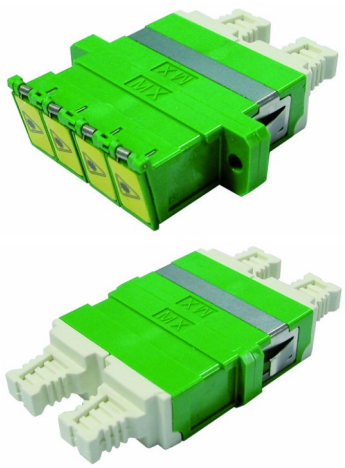


Internal Shuttered LC Adapter

The LC connector is the result of increased demands for smaller easier-to-use fiber connectivity. The LC connector has reduced the space requirements on equipment bays and distribution panels by 50%. Molex LC Adapters feature an internal shutter which provides a barrier against harmful light emissions and dust invasion. The adapter also features precise zirconia ceramic alignment sleeves to accommodate either Singlemode, Multimode or Angle Polish (APC) connectors.

- Two LC ports provide multiple Simplex or Duplex connection options
- Ceramic alignment sleeves accommodate Singlemode and Multimode operation
- RoHS Compliant
- Unique internal shuttered feature protected from harmful light emissions. Available upon application
- Snap or screw-style mounting allows for installation flexibility
- Standard LC Duplex compatible mounting provides a direct drop-in-replacement solution

Order No.	SAP No.	Description
18282-0249	182820249	Duplex LC SM OS1/2, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Blue
18282-0250	182820250	Duplex LC MM OM3/4, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Aqua
18282-0251	182820251	Duplex LC MM OM4, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Erika Violet
18282-0252	182820252	Duplex LC MM OM5, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Lime Green
18282-0253	182820253	Duplex LC SM OS1/2, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Blue
18282-0254	182820254	Duplex LC MM OM3/4, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Aqua
18282-0255	182820255	Duplex LC MM OM4, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Erika Violet
18282-0256	182820256	Duplex LC MM OM5, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Lime Green



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
18282-0199	182820199	LC/APC Shuttered Quad, Zirconia Alignment Sleeve, Flange 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

Fiber 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 precise zirconia alignment sleeves.

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

Order No.	SAP No.	Description
106110-1000	106110 1000	ST/ST Adapter, Singlemode, Metal Body, Zirconia Alignment
106112-1000	106112 1000	ST/ST Adapter, Multimode, Metal Body, Phosphor Bronze Alignment

Fiber Optic Solution Lightband Rack Mount Solutions

RFR-00311-BK
Shown assembled with:
AFR-00616-AQ LC Quad Plate
AFR-00470 Splice Tray
KFR-00053 Cable Management Hub
AFR-00475 Kevlar Retention Post

RFR-00311-BK
Shown assembled with
RFR-00312-BK Locking front assembly

1U Multi-Function Fiber Enclosure Gen II

The 1U Multi-Function Fiber Enclosure is a configurable rack mount unit for storing and terminating incoming fiber cable. The fiber 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 fibers.
Constructed with a ball bearing slide mechanism allows ease of access to fibers. 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 fiber connections per cassette with various interfacing adapters
- Accommodates up to 4 Modular Splice Cassettes which allows 6-24 fiber connections per cassette. The cassettes allow for splice termination while protecting individual fibers
- Compatible with preloaded FMP 3 style adapter plates in various fiber counts and adapter configurations
- Self-adhesive fiber management hub is stackable and can be segmented providing individualization of fiber routing
- Optional 24 fiber splice tray available to maximize port capacity while providing fiber management for excess fiber
- Optional front cable management allows secure routing of patch cords
- Optional locking kits provide security with over-locking curved cam lock locking into the top of the enclosure. The hinged top allows easy moves, adds and changes, and can be retrofitted
- Compatible with Molex's 6 Pak Adapter plate program that allows 6-24 fiber connections per plate, 72 fiber MTP connections and 3 DataGate copper/synergy connections per plate
- Colors: AQ = Aqua, GR = Green, BL = Blue, EV = Erika Violet, LG = Lime Green, 0L = Beige

Order No.	SAP No.	Description
RFR-00311-BK	180370287	1U Multi-Function Fiber Enclosure Gen II
Optional Enhancements		
RFR-00312-BK	180370288	Locking Front Assembly Kit for 1U Multi-Function Fiber Enclosure Gen II
CMA-00111	181050048	Front Cable Manager for 1U Multi-Function Fiber Enclosure Gen II
AFR-00468-04	180600394	6 Pak Adapter Front Plate
AFR-00469-04	180600395	Full Length Blanking Plate
AFR-00689-04	180600526	SC Simplex/LC Duplex, 1 Port Adapter Plate, Unloaded
AFR-00690-04	180600527	MTP/MPO, 1 Port Adapter Plate, Unloaded
AFR-00802	180810066	Jack Plate 19" 24P Unloaded for 1U Multi-Function Fiber Enclosure Gen II
RFR-00311-BK Specific Loaded Adapter Plates: SC, Unshuttered		
AFR-00633-BL	180600438	SC Simplex, 6 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00635-0L	180600440	SC Simplex, 6 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige
AFR-00636-AQ	180600441	SC Simplex, 6 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua
AFR-00637-EV	180600442	SC Simplex, 6 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00695-LG	180600465	SC Simplex, 6 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00634-GR	180600439	SC/APC Simplex, 6 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00598-BL	180600392	SC Simplex, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00600-0L	180600402	SC Simplex, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige
AFR-00601-AQ	180600403	SC Simplex, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua
AFR-00602-EV	180600404	SC Simplex, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00599-GR	180600393	SC/APC Simplex, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00643-BL	180600448	SC Duplex, 12 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00645-0L	180600450	SC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige
AFR-00646-AQ	180600451	SC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua
AFR-00647-EV	180600452	SC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00697-LG	180600467	SC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00644-GR	180600449	SC/APC Duplex, 12 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00618-BL	180600420	SC Duplex, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00620-0L	180600422	SC Duplex, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige
AFR-00621-AQ	180600423	SC Duplex, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua

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Order No.	SAP No.	Description
AFR-00622-EV	180600424	SC Duplex, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00692-LG	180600462	SC Duplex 24 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00619-GR	180600421	SC/APC Duplex, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00628-BL	180600433	SC Duplex, 36 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00630-0L	180600435	SC Duplex, 36 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige
AFR-00631-AQ	180600436	SC Duplex, 36 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua
AFR-00632-EV	180600437	SC Duplex, 36 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00694-LG	180600464	SC Duplex, 36 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00629-GR	180600434	SC/APC Duplex, 36 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00608-BL	180600410	SC Duplex, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00610-0L	180600412	SC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige
AFR-00611-AQ	180600413	SC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua
AFR-00612-EV	180600414	SC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00690-LG	180600460	SC Duplex 48 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00609-GR	180600411	SC/APC Duplex, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
RFR-00311-BK Specific Loaded Adapter Plates: SC, Shuttered		
AFR-00728-BL	180600496	SC Simplex, 6 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue
AFR-00730-0L	180600498	SC Simplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM1/OM2, Beige
AFR-00731-AQ	180600499	SC Simplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM3/OM4, Aqua
AFR-00732-EV	180600500	SC Simplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet
AFR-00699-LG	180600469	SC Simplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green
AFR-00729-GR	180600497	SC/APC Simplex, 6 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green
AFR-00738-BL	180600506	SC Simplex, 12 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue
AFR-00740-0L	180600508	SC Simplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM1/OM2, Beige
AFR-00741-AQ	180600509	SC Simplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM3/OM4, Aqua
AFR-00742-EV	180600510	SC Simplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet
AFR-00739-GR	180600507	SC/APC Simplex, 12 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green
AFR-00701-LG	180600471	SC Duplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green
AFR-00748-BL	180600516	SC Duplex, 24 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue
AFR-00750-0L	180600518	SC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM1/OM2, Beige
AFR-00751-AQ	180600519	SC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM3/OM4, Aqua
AFR-00752-EV	180600520	SC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet
AFR-00703-LG	180600473	SC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green
AFR-00749-GR	180600517	SC/APC Duplex, 24 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green
RFR-00311-BK Specific Loaded Adapter Plates: LC, Unshuttered		
AFR-00638-BL	180600443	LC Duplex, 12 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00640-0L	180600445	LC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige
AFR-00641-AQ	180600446	LC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua
AFR-00642-EV	180600447	LC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00696-LG	180600466	LC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00639-GR	180600444	LC/APC Duplex, 12 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00648-BL	180600453	LC Quad, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00650-0L	180600455	LC Quad, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige
AFR-00651-AQ	180600456	LC Quad, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua

Order No.	SAP No.	Description
AFR-00652-EV	180600457	LC Quad, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00698-LG	180600468	LC Quad, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00649-GR	180600454	LC/APC Quad, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00603-BL	180600405	LC Duplex, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00605-0L	180600407	LC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige
AFR-00606-AQ	180600408	LC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua
AFR-00607-EV	180600409	LC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00689-LG	180600459	LC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00604-GR	180600406	LC/APC Duplex, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00623-BL	180600425	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00625-0L	180600427	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige
AFR-00627-EV	180600429	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00693-LG	180600463	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00624-GR	180600426	LC/APC Quad, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00613-BL	180600415	LC Quad, 96 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00615-0L	180600417	LC Quad, 96 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige
AFR-00616-AQ	180600418	LC Quad, 96 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua
AFR-00617-EV	180600419	LC Quad, 96 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00691-LG	180600461	LC Quad, 96 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00614-GR	180600416	LC/APC Quad, 96 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
RFR-00311-BK Specific Loaded Adapter Plates: LC, Shuttered		
AFR-00733-BL	180600501	LC Duplex, 12 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue
AFR-00735-0L	180600503	LC Duplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM1/OM2, Beige
AFR-00736-AQ	180600504	LC Duplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM3/OM4, Aqua
AFR-00737-EV	180600505	LC Duplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet
AFR-00700-LG	180600470	LC Duplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green
AFR-00734-GR	180600502	LC/APC Duplex, 12 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green
AFR-00745-0L	180600513	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM1/OM2, Beige
AFR-00743-BL	180600511	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue
AFR-00746-AQ	180600514	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM3/OM4, Aqua
AFR-00747-EV	180600515	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet
AFR-00702-LG	180600472	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green
AFR-00744-GR	180600512	LC/APC Duplex, 24 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green
AFR-00753-BL	180600521	LC Quad, 48 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue
AFR-00755-0L	180600523	LC Quad, 48 Fiber Adapter Plate, Shuttered, Multimode, OM1/OM2, Beige
AFR-00756-AQ	180600524	LC Quad, 48 Fiber Adapter Plate, Shuttered, Multimode, OM3/OM4, Aqua
AFR-00757-EV	180600525	LC Quad, 48 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet
AFR-00669-LG	180600474	LC Quad, 48 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green
AFR-00754-GR	180600522	LC/APC Quad, 48 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green
AFR-00809-BL	180600621	LC Duplex, 48 Fiber Adapter Plate,Internal Shuttered, Singlemode, OS1/2, Blue
AFR-00810-AQ	180600622	LC Duplex, 48 Fiber Adapter Plate,Internal Shuttered, Multimode, OM3/OM4, Aqua
AFR-00811-EV	180600623	LC Duplex, 48 Fiber Adapter Plate,Internal Shuttered, Multimode, OM4, Erika Violet
AFR-00812-LG	180600624	LC Duplex, 48 Fiber Adapter Plate,Internal Shuttered, Multimode, OM5, Lime Green
RFR-00311-BK Specific FTTX Adapter Plates		

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Order No.	SAP No.	Description
AFR-00801-BL	180600576	SC, 1x8 Fiber Adapter Plate, Loaded, Shuttered , Blue
AFR-00801-GR	180600580	SC, 1x8 Fiber Adapter Plate, Loaded, Shuttered , Green
AFR-00800-BL	180600575	SC, 1x16 Fiber Adapter Plate, Loaded, Shuttered , Blue
AFR-00800-GR	180600579	SC, 1x16 Fiber Adapter Plate, Loaded, Shuttered , Green
AFR-00765-BL	180600536	SC, 1x32 Fiber Adapter Plate, Loaded, Shuttered , Blue
AFR-00765-GR	180600560	SC, 1x32 Fiber Adapter Plate, Loaded, Shuttered , Green
AFR-00799-BL	180600574	SC, 2x8 Fiber Adapter Plate, Loaded, Shuttered , Blue
AFR-00799-GR	180600578	SC, 2x8 Fiber Adapter Plate, Loaded, Shuttered , Green
AFR-00798-BL	180600573	SC, 2x16 Fiber Adapter Plate, Loaded, Shuttered , Blue
AFR-00798-GR	180600577	SC, 2x16 Fiber Adapter Plate, Loaded, Shuttered , Green
AFR-00769	180600540	SC, 2x32 Fiber Adapter Plate, Unloaded
AFR-00764-BL	180600535	SC, 2x32 Fiber Adapter Plate, Loaded, Shuttered , Blue
AFR-00764-GR	180600559	SC, 2x32 Fiber Adapter Plate, Loaded, Shuttered , Green
AFR-00791-BL	180600566	LC, 1x16 Fiber Adapter Plate, Loaded, Shuttered , Blue
AFR-00791-GR	180600572	LC, 1x16 Fiber Adapter Plate, Loaded, Shuttered , Green
AFR-00790-BL	180600565	LC, 1x32 Fiber Adapter Plate, Loaded, Shuttered , Blue
AFR-00790-GR	180600571	LC, 1x32 Fiber Adapter Plate, Loaded, Shuttered , Green
AFR-00763-BL	180600534	LC, 2x64 Fiber Adapter Plate, Loaded, Shuttered , Blue
AFR-00763-GR	180600558	LC, 2x64 Fiber Adapter Plate, Loaded, Shuttered , Green
AFR-00787-BL	180600562	LC, 4x16 Fiber Adapter Plate, Loaded, Shuttered , Blue
AFR-00787-GR	180600568	LC, 4x16 Fiber Adapter Plate, Loaded, Shuttered , Green
AFR-00786-BL	180600561	LC, 4x32 Fiber Adapter Plate, Loaded, Shuttered , Blue
AFR-00786-GR	180600567	LC, 4x32 Fiber Adapter Plate, Loaded, Shuttered , Green
AFR-00766	180600537	LC, 4x64 Fiber Adapter Plate, Unloaded
AFR-00762-BL	180600533	LC, 4x64 Fiber Adapter Plate, Loaded, Shuttered , Blue
AFR-00762-GR	180600557	LC, 4x64 Fiber Adapter Plate, Loaded, Shuttered , Green
6-Pak Adapter Plates		
AFR-00363	180600141	6 Fiber Blank Plastic, pack of 4
AFR-00364	180600142	ST, 6 Fiber Adapter Plate, Unloaded
AFR-00357	180600135	ST, 6 Fiber Adapter Plate, Singlemode
AFR-00358	180600136	SC Duplex, 6 Fiber Adapter Plate, Singlemode , Blue
AFR-00359	180600137	SC Duplex, 6 Fiber Adapter Plate, Shuttered, Singlemode , Blue
AFR-00372	180600150	SC Duplex, 6 Fiber Adapter Plate, Multimode, OM3, Aqua
AFR-00373	180600151	SC Duplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM3, Aqua
AFR-00500	180600246	SC Duplex 6 Fiber Adapter Plate, Multimode, OM4 - Erika Violet
AFR-00673-LG	180600478	SC Duplex, 6 Fiber Adapter Plate, Multimode, OM5 ,Lime Green
AFR-00675-LG	180600482	SC Duplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM5 ,Lime Green
AFR-00405	180600162	SC/APC, 6 Fiber Angled Adapter Plate, Singlemode
AFR-00386	180600161	6 Fiber Angled Plate SC/APC Connectors
AFR-00368	180600146	SC Duplex, 12 Fiber Adapter Plate, Singlemode, Blue
AFR-00374	180600152	SC Duplex, 12 Fiber Adapter Plate, Multimode, OM3, Aqua
AFR-00501	180600247	SC Duplex, 12 Fiber Adapter Plate, Multimode OM4 - Erika Violet
AFR-00678-LG	180600485	SC Duplex, 12 Fiber Adapter Plate, Multmode, OM5 ,Lime Green
AFR-00442	180600177	SC/APC Duplex, 12 Fiber Adapter Plate, Singlemode, Green
AFR-00365	180600143	LC Duplex, 12 Fiber Adapter Plate, Singlemode, Blue
AFR-00376	180600154	LC Duplex, 12 Fiber Adapter Plate, Multimode, OM3, Aqua
AFR-00544-EV	180600305	LC Duplex, 12 Fiber Adapter Plate OM4 - Erika Violet
AFR-00679-LG	180600486	LC Duplex, 12 Fiber Adapter Plate, Multimode, OM5 ,Lime Green
AFR-00369	180600147	LC Quad, 12 Fiber Adapter Plate, Shuttered, Singlemode, Blue
AFR-00385	180600160	LC Quad, 12 Fiber Angled Adapter Plate, Multimode, OM3, Aqua
AFR-00375	180600153	LC Quad, 12 Fiber Adapter Plate, Shuttered, Multimode, OM3, Aqua
AFR-00681-LG	180600488	LC Quad, 12 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green
AFR-00379	180600157	LC Quad, 24 Fiber LC Adapter Plate, Singlemode, Blue
Modular Splice Cassettes		
AFR-00340	183190000	SC Duplex, 6 Fiber Modular Splice Cassette, Singlemode, OS1
AFR-00378	180600156	LC Quad, 24 Fiber LC Adapter Plate, Multimode, OM3, Aqua
AFR-00341	183190001	SC Duplex, 6 Fiber Modular Splice Cassette, Multimode, OM1
AFR-00375-EV	180600306	LC Quad, 12 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet
AFR-00684-LG	180600491	LC Quad, 24 Fiber LC Adapter Plate, Multimode, OM5 ,Lime Green
AFR-00342	183190002	SC Duplex, 6 Fiber Modular Splice Cassette, Multimode, OM2
AFR-00502	180600248	LC Quad, 24 Fiber Multimode OM4 Adapter Plate - Erika Violet
AFR-00343	183190003	SC Duplex, 6 Fiber Modular Splice Cassette, Multimode, OM3
AFR-00712-LG	183190091	SC Duplex, 6 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails, Lime Green
AFR-00713-LG	183190092	SC Duplex, 6 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails, Low Loss, Lime Green
AFR-00344	183190004	SC Duplex, 12 Fiber Modular Splice Cassette, Singlemode, OS1
AFR-00345	183190005	SC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM1
AFR-00346	183190006	SC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM2
AFR-00347	183190007	SC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM3

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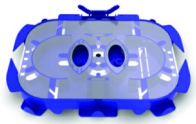
AFR-00714-LG	183190093	SC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails, Lime Green
AFR-00715-LG	183190094	SC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails, Low Loss, Lime Green
AFR-00406	183190020	SC/APC Duplex, 12 Fiber Modular Splice Cassette, Singlemode, OS1
AFR-00382	183190017	ST, 6 Fiber Modular Splice Cassette, Singlemode, OS1
AFR-00383	183190018	ST, 6 Fiber Modular Splice Cassette, Multimode, OM1
AFR-00384	183190019	ST, 6 Fiber Modular Splice Cassette, Multimode, OM2
AFR-00760	183190107	ST, 6 Fiber Modular Splice Cassette, Multimode, OM5
AFR-00761	183190108	ST, 6 Fiber Modular Splice Cassette, Multimode, OM5, Low Loss
AFR-00348	183190008	LC Duplex, 12 Fiber Modular Splice Cassette, Singlemode, OS1
AFR-00436	183190025	LC Duplex, 12 Fiber Modlink Splice Cassette, Singlemode, OS1 with Pigtails
AFR-00349	183190009	LC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM1
AFR-00437	183190026	LC Duplex, 12 Fiber Modlink Splice Cassette, Multimode, OM1 with Pigtails
AFR-00350	183190010	LC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM2
AFR-00351	183190011	LC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM3
AFR-00438	183190027	LC Duplex, 12 Fiber Modlink Splice Cassette, Multimode, OM3 with Pigtails
AFR-00718-LG	183190097	LC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails, Lime Green
AFR-00719-LG	183190098	LC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails, Low Loss, Lime Green
AFR-00352	183190012	LC Quad, 24 Fiber Modular Splice Cassette, Singlemode, OS1
AFR-00353	183190013	LC Quad, 24 Fiber Modular Splice Cassette, Multimode, OM1
AFR-00354	183190014	LC Quad, 24 Fiber Modular Splice Cassette, Multimode, OM2
AFR-00355	183190015	LC Quad, 24 Fiber Modular Splice Cassette, Multimode, OM3
AFR-00722-LG	183190101	LC Quad, 24 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails, Lime Green
AFR-00723-LG	183190102	LC Quad, 24 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails, Low Loss, Lime Green
AFR-00380	183190016	Modular Splice Cassette Housing and Lid
ModLink Cassettes		
MLCDSC06OM5	181810254	DSC, 6 Fiber Mini ModLink Cassette, Multimode, OM5 ,Lime Green
MLCDSC06OM5L	181810282	DSC, 6 Fiber Mini ModLink Cassette, Multimode, OM5, Low Loss ,Lime Green
MLCDSC12OS1L	181810135	DSC, 12 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss
MLCDSC12OS2L	181810166	DSC, 12 Fiber ModLink Cassette, Singlemode, OS1a/2
MLCDSC12OM1	181810140	DSC, 12 Fiber Mini ModLink Cassettes, Multimode, OM1
MLCDSC12OM2	181810145	DSC, 12 Fiber Mini ModLink Cassettes, Multimode, OM2
MLCDSC12OM3L	181810150	DSC, 12 Fiber Mini ModLink Cassettes, Multimode, OM3 Low Loss
MLCDSC12OM4L	181810167	DSC, 12 Fiber ModLink Cassette, Multimode, OM4 Low Loss
MLCDSC12OM5	181810237	DSC, 12 Fiber ModLink Cassette, Multimode, OM5 ,Lime Green
MLCDSC12OM5L	181810238	DSC, 12 Fiber ModLink Cassette, Multimode, OM5, Low Loss ,Lime Green
MLCSTC12OM2	180370270	ST, 12 Fiber Mini ModLink Cassettes, Multimode, OM2
MLCSTC12OM1	180370271	ST, 12 Fiber Mini ModLink Cassettes, Multimode, OM1
MLCDLC12OS1L	181810137	DLC, 12 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss
MLCDLC12OS2L	181810173	DLC, 12 Fiber ModLink Cassette, Singlemode, OS1a/2
MLCDLC12OM1	181810142	DLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM1
MLCDLC12OM2	181810147	DLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM2
MLCDLC12OM3L	181810152	DLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM3 Low Loss
MLCDLC12OM4L	181810172	DLC, 12 Fiber ModLink Cassette, Multimode, OM4 Low Loss
MLCDLC12OM5	181810244	DLC, 12 Fiber ModLink Cassette, Multimode, OM5 ,Lime Green
MLCDLC12OM5L	181810245	DLC, 12 Fiber ModLink Cassette, Multimode, OM5, Low Loss ,Lime Green
MLCQLC12OS1L	180370269	QLC, 12 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss
MLCQLC12OM1	180370268	QLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM1
MLCQLC12OM2	180370267	QLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM2
MLCQLC12OM3	180370266	QLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM3, Low Loss
MLCQLC12OM5	181810251	QLC, 12 Fiber ModLink Cassette, Multimode, OM5 ,Lime Green
MLCQLC12OM5L	181810252	QLC, 12 Fiber ModLink Cassette, Multimode, OM5, Low Loss ,Lime Green
MLCQLC24OS1L	181810161	QLC, 24 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss
MLCQLC24OS2L	181810170	QLC, 24 Fiber ModLink Cassette, Singlemode, OS2 Low Loss
MLCQLC24OM1	181810162	QLC, 24 Fiber Mini ModLink Cassettes, Multimode, OM1
MLCQLC24OM2	181810164	QLC, 24 Fiber Mini ModLink Cassettes, Multimode, OM2
MLCQLC24OM3L	181810163	QLC, 24 Fiber Mini ModLink Cassettes, Multimode, OM3, Low Loss
MLCQLC24OM4L	181810171	QLC, 24 Fiber ModLink Cassette, Multimode, OM4 Low Loss

Fiber Optic Solution Lightband Rack Mount Solutions

Order No.	SAP No.	Description
MLCQLC24OM5	181810249	QLC, 24 Fiber ModLink Cassette, Multimode, OM5 ,Lime Green
MLCQLC24OM5L	181810250	QLC, 24 Fiber ModLink Cassette, Multimode, OM5, Low Loss ,Lime Green
AFR-00422-04	180600170	40G/100G Adapter Plate ,Black
AFR-00422-0L	180600171	40G/100G Adapter Plate ,Beige
AFR-00422-0J	180600172	40G/100G Adapter Plate ,Green
AFR-00422-AQ	180600173	40G/100G Adapter Plate ,Aqua
AFR-00422-BL	180600174	40G/100G Adapter Plate ,Blue
AFR-00422-08	180600175	40G/100G Adapter Plate ,Gray
DataGate and Synergy Compatible 6 Fiber Plates		
AFR-00440	183190029	6 Fiber Plate, 3XDG Module, Unequipped
AFR-00441	183190030	Adapter Plate 3xDG PowerCat 6A DataGate (with grounding screws) unloaded - 4 pack
Splitter Box		
FSA-00055	183670001	SC, 1x8 Splitter Box, Singlemode, Low Loss
FSA-00056	183670002	LC, 1x8 Splitter Box 2Pcs, Singlemode, Low Loss
FSA-00057	183670003	SC/APC, 1x8 Splitter Box, Singlemode, Low Loss ,Green
FSA-00058	183670004	LC/APC, 1x8 Splitter Box 2Pcs, Singlemode, Low Loss, Green

Colors: AQ = Aqua, GR = Green, BL = Blue, EV = Erika Violet, LG = Lime Green, 0L = Beige



AFR-00470

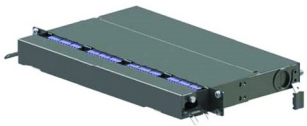
91.A08**

AFR-00475

1U Multi-Function Fiber Enclosure Accessories

Order No.	SAP No.	Description
AFR-00470	180600217	Universal Splice Tray, 24 Fiber with built in Cable Management, 1U Global Enclosure (Self Adhesive, 2 x 12F trays per pack)
AFR-00816	180690062	Universal Splice Tray, 24 Fiber with built in Cable Management, 1U Global Enclosure (Self Adhesive, 1 x 12F trays per pack)
KFR-00053	182680049	Self Adhesive Cable Management Hub (2 pcs/pack), Black
RFR-00347-BK	180370291	Rear Cable Management Tray for Multi Function Enclosure
CMA-00116	181050072	Gland and Conduit Kit for RFR-00347-BK
AFR-00475	180600222	Kevlar Retention Post
91.A0860	Consult Molex	Gland 4-8mm M20
91.A0870	Consult Molex	Gland 6-12mm M20
91.A0880	Consult Molex	Gland 9-14mm M20
CSP-00030	Consult Molex	Fiber Adapter Screw (24 pack)

Fiber Optic Solution Lightband Rack Mount Solutions



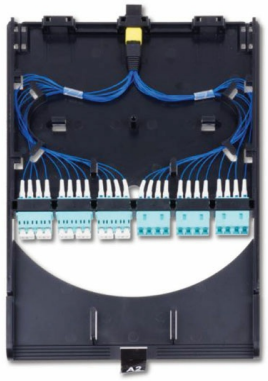
Xtreme Density System

The Molex High Density Fiber Enclosures are designed for high density applications such as data centers, 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 Fiber Enclosure and the class leading 192 Fiber Enclosure. This innovative, robust, easy assemble and low-maintenance 1RU fiber 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 fiber 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/200G/400G 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-19201	181810266	Xtreme Density Cassette Capacity 2X12F MTP/LC OS2 Low Loss
XFR-19202	181810267	Xtreme Density Cassette Capacity 2X12F MTP/LC OM3 Low Loss
XFR-19203	181810268	Xtreme Density Cassette Capacity 2X12F MTP/LC OM4 Low Loss
XFR-10192	180660087	Xtreme Density 1 RU Enclosure 8x24F Cassette Capacity MTP/LC 192 F
CMA-00112	Consult Molex	Xtreme Density 1 RU Enclosure Front Door
XFR-19204	181810291	Xtreme Density 8X MTP Adapter Box, Adapter Loaded, Singlemode
XFR-19205	181810292	Xtreme Density 8X MTP Adapter Box, Adapter Loaded, Multimode
XFR-19206	181810293	Xtreme Density 2X24F To 6X8F MTP Transfer Box, OS2, Low Loss
XFR-19207	181810294	Xtreme Density 2X24F To 6X8F MTP Transfer Box, OM3, Low Loss
XFR-19208	181810298	Xtreme Density 2X24F To 6X8F MTP Transfer Box, OM4, Low Loss
XFR-19209	181810295	Xtreme Density Cassette Capacity 1X24F MTP/LC OS2 Low Loss
XFR-19210	181810296	Xtreme Density Cassette Capacity 1X24F MTP/LC OM3 Low Loss
XFR-19211	181810297	Xtreme Density Cassette Capacity 1X24F MTP/LC OM4 Low Loss

Fiber Optic Solution Lightband Rack Mount Solutions



High Density 1RU 144F Fiber Enclosure

Molex High Density Fiber Enclosures are designed for high density applications such as Data Centers, SAN, medical healthcare, central offices or any other situation where high performing, high density and quick installation is required. The enclosure is available in 1RU 144 fiber capacity through LC connector and has various kinds of modules to support different types of applications.

- Supports various kinds of modular cassettes
- Each Enclosure accommodates 6 cassettes
- Each MTP/MPO-LC preterminated cassette accommodates 24F fiber
- MTP-24, MTP-12, MTP-8 various kinds of MTP-LC cassettes
- OS2, OM3, OM4 & OM5 fiber optional for the MTP/MPO-LC modular cassettes
- Splicing and preterm solution supported
- Supports MTP/MPO and LC connector interface
- Designed for 10G/40G/100G/200G/400G system migration
- Inbuild front cable management tray on enclosure provides easy patch cord management capability
- Cassette inbuild with front cable tray to separate the patch cord for each cassette
- Spring cotter to achieve easy inserting and locking of the cassettes
- Low loss version for all fiber assembles

Order No.	SAP No.	Description
HFR-10144	180660136	HD Fiber Enclosure 1U 144F, Black
HFR-14401	181810303	HD Cassette 24F 2XMTP(M)-LCD LL OS2, Black
HFR-14402	181810304	HD Cassette 24F 2XMTP(M)-LCD LL OM3, Black
HFR-14403	181810305	HD Cassette 24F 2XMTP(M)-LCD LL OM4, Black
HFR-14404	181810306	HD Cassette 24F 2XMTP(M)-LCD LL OM5, Black
HFR-14405	181810307	HD Cassette 24F 3XMTP(M)-LCD LL OS2, Black
HFR-14406	181810308	HD Cassette 24F 3XMTP(M)-LCD LL OM3, Black
HFR-14407	181810309	HD Cassette 24F 3XMTP(M)-LCD LL OM4, Black
HFR-14408	181810310	HD Cassette 24F 3XMTP(M)-LCD LL OM5, Black
HFR-14409	181810311	HD Cassette 24F 1XMTP(M)-LCD LL OS2, Black
HFR-14410	181810312	HD Cassette 24F 1XMTP(M)-LCD LL OM3, Black
HFR-14411	181810313	HD Cassette 24F 1XMTP(M)-LCD LL OM4, Black
HFR-14412	181810314	HD Cassette 24F 1XMTP(M)-LCD LL OM5, Black
HFR-14413	181810315	HD Cassette 24F LCD Pigtail LL OS2, Black
HFR-14414	181810316	HD Cassette 24F LCD Pigtail LL OM3, Black
HFR-14415	181810317	HD Cassette 24F LCD Pigtail LL OM4, Black
HFR-14416	181810318	HD Cassette 24F LCD Pigtail LL OM5, Black
HFR-14417	181810319	HD Cassette SM 12XMTP Adapter, Black
HFR-14418	181810320	HD Cassette MM 12XMTP Adapter, Black
HFR-14419	181810325	HD Cassette OS2 24F 2XMPO(M)-LCD LL, Black
HFR-14420	181810326	HD Cassette OM3 24F 2XMPO(M)-LCD LL, Black
HFR-14421	181810327	HD Cassette OM4 24F 2XMPO(M)-LCD LL, Black
HFR-14422	181810328	HD Cassette 24F LCD Pigtail LL OM5, Black

Rack Mount Zero U Enclosure, Unloaded

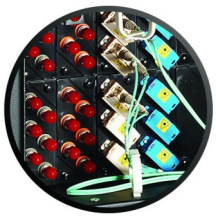
The Rack Mount Zero U Enclosure provides an effective solution for limited rack space applications. The enclosure is mounted at the side of a mounting pole where it does not occupy any standard rack unit. Designed to accommodate copper, fiber and multimedia modules, the enclosure supports most multimedia applications and protects the fiber bend radius in shallow enclosures where space is limited. Available in black and includes a label, a label cover and a splice protector holder to provide up to 24 fiber splicing to improve splicing point and fiber protection.

- High density solution up to 24F with LC Quad adapter
- Universal application for both copper and fiber, supports up to 3 port UTP/FTP RJ45 jacks
- Standard 19 inch rack side mount without occupying standard rack unit position
- Compatible with 1 port MTP adapter plate to support MTP-LC fanout application
- Compatible with any 6-PAK plate. Universal foot print to support all existing plates
- Compatible with LGX118 plate
- Hinge between cover and base to provide easy installation and maintenance
- Splice protector holder included to provide improve splicing point and fiber protection
- Label and label cover included for protection in industrial environments
- Rugged steel construction in powder coat black finish
- Spiral binding tube protects fiber pigtails
- Bending insensitivity pigtails are recommended to be used in enclosure
- Wall mountable
- Suitable for cabinets with width 800mm or above, min. 60mm width required on the side of cabinets

Order No.	SAP No.	Description
WFR-00127	180670024	Rack Mount Zero U Enclosure, Unloaded

Note: Please check the cabinet/rack has enough space to accommodate the enclosure before placing an order

Fiber Optic Solution Lightband Enclosures



Modular Splice Cassettes
Page 43

Specification Grade Fiber Enclosures

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

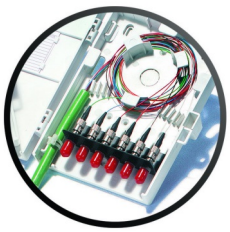
- Standard 19" rack mount
- Lightweight, lockable, and removable aluminium hinged front and rear doors provide security
- Externally mounted cable strain relief bracket mounts to accommodate cable routing from above or below
- Labeling incorporated on hinged, drop-down metal front door
- 1U Fiber Enclosure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

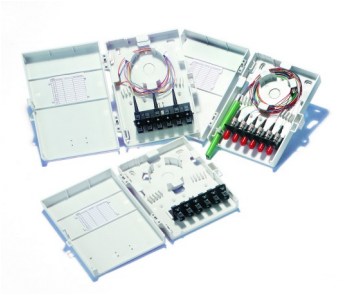
Order No.	SAP No.	Description
RFR-00201	180370259	24-48 Port Specification Grade Fiber Enclosure - 1U
RFR-00202	180370260	48-96 Port Specification Grade Fiber Enclosure - 2U
RFR-00204	180660016	144-288 Port Specification Grade Fiber Enclosure - 4U
AFR-00222	180600069	Universal Splice Tray Carrier Kit

Fiber Drawer 6-PAK Configurable

The Molex 6-PAK Configurable Fiber drawer is a 1U rack mount unit for storing and terminating incoming fiber cable. Using our vast range of 6 Pak Plates you can configure your fiber system to suit all fiber applications.

- Configurable. Fits up to four 6 Pak Plates/ Angled 6 Pak plates (Maximum 96F by LC adapter)
- Management rings within system to accommodate excess fiber cordage behind the trough adapters and maintain fiber bend radius
- Accommodates singlemode and multimode fibers
- Adhesive labeling for port identification
- Sliding drawer for ease of reconfiguring fibers
- Rugged steel construction, grounding kit can be offered separately
- Graphite finish to complement all other Molex CES rack mount equipment
- Accommodates 2-4 fiber Splice Trays, each one support 12/24 fiber splicing





601 Fiber Enclosure

The 601 Fiber series wall mount system interface products are compact units for fiber optics. Available in ST, Duplex SC and LC versions they provide either 6, 8 or 12 fiber ports, or 24 ports in the MTP version. The 601 fiber enclosure has a low profile design and provides the proper internal fiber 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 fiber 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-00025-02	180970013	8 Port ST 601 Enclosure, Multimode
WFR-00028-02	180970016	8 Port Duplex SC 601 Enclosure, Multimode
WFR-00029-02	180970017	8 Port Duplex SC 601 Enclosure, Singlemode
WFR-00034-02	180970079	12 Port LC 601 Enclosure, Multimode
WFR-00035-02	180970080	12 Port LC 601 Enclosure, Singlemode

Fiber Optic Solution Lightband Enclosures

Wall Mount Steel Enclosure

This secure wall-mounted steel enclosure has 12 ports that can accomodate 24 fiber DSC/48 fiber QLC in a minimum of space. Its design guarantees that all of the media will be protected and proper fiber bend radius is maintained.

- Up to 48 fibers
- Accepts SC Duplex and Quad LC Adapters
- Fully secured with lockable and secured steel doors
- Comes with multiple cable entries on the top and bottom for ease of cabling
- Protected front labeling feature for additional panel or port identification
- Robust cable management shelf ensures bend radius compliance
- Global hardware kit included
- Suitable for use as a transition box, enabling the transition of up to 72 cores of fiber (via splicing only), from outdoor type fiber to indoor type fiber

Steel Enclosure for PON
Page 77

Order No.	SAP No.	Description
WFR-00065	180970120	Enclosure Wallmount 24DSC/48QLC Unloaded Fiber Box

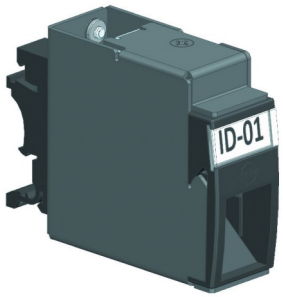
DIN Rail Mountable Enclosure, Unloaded

The DIN rail mountable enclosure provides an effective solution for control panels and distribution cabinets where DIN mounted equipment is used. Designed to accommodate copper, fiber and multi-media modules, the enclosure supports most industrial applications and protects the fiber bend radius in shallow enclosures where space is limited. It can be side stacked to increase capacity with network changes. Available in black and includes a label and label cover, it also includes a splicing protector holder to provide up to 24 fiber splicing to improve splicing point and fiber protection.

- High density solution up to 24F with LC Quad adapter
- Universal application for both copper and fibers, supports up to 3 port UTP/FTP RJ45 Jacks
- 35mm standard DIN Rail Mountable to support standard 35mm DIN rail application
- Compatible with 1 port MTP adapter plate to support MTP-LC fanout application
- Compatible with any 6-PAK plate. Universal foot print to support all existing plates
- Compatible with LGX118 plate
- Hinged between cover and base to provide easy installation and maintenance
- Splicing protector holder included to provide better splicing point and fiber protection
- Label with label protector to provide endurance under industry environment
- Rugged steel construction in powder coated black finish
- Spiral binding tube protects fiber pigtails
- Bend-insensitive pigtails are recommended to be used in enclosure
- Wall mountable

DIN Rail DataGate Jack Adapter
Page 52

Order No.	SAP No.	Description
WFR-00082	180670020	DIN rail fiber/copper enclosure, unloaded, black, Generation II



DIN Rail Mountable DataGate Jack Adapter

The DIN rail mountable jack adapter provides copper protection for terminated network cable with the DataGate jack. It can be mounted to a standard 35mm DIN rail and locked in place with a multi function clip, allowing it to mount on different types of DIN rail. It accepts Molex C5e, C6 unshielded and C6A shielded DataGate jacks which snap in and out for easy moves, adds, and changes. Adapter is available in black.

- Supports Molex C5e, C6 unshielded and C6A shielded DataGate jacks
- Compatible with 1 DataGate Jack
- 35mm standard DIN rail mountable to support standard 35mm DIN rail application
- Ground screw provided
- DIN Rail Clip Support EN60715 Standard profile (Hat shape) and G profile

Order No.	SAP No.	Description
WFR-00118	182870011	DIN Rail Mountable DataGate Jack Adapter

C6 UTP DataGate Jack
Page 23

C5e UTP DataGate Jack
Page 28

DIN Rail Fiber Enclosure
Page 52

Fiber Optic Solution Lightband Enclosures

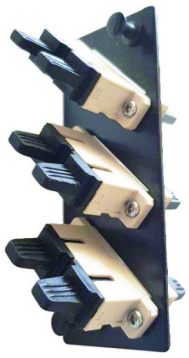
Wall Mount Fiber Enclosure Unloaded 4 Position

The Molex 4 position wall mount fiber enclosure is a configurable wall mount unit for storing and terminating incoming fiber cable. The Wall Mount enclosure accepts either a 6-PAK or LGX118 adapter plate and cassette. The enclosure comes preloaded with a LGX118 adapter plate and has a 6-PAK plate packed in the kit. With high density/fiber patching and the convenience of cassette/adapter plates, the result is a unique combination of fiber density, ergonomics, durability and security in an aesthetically pleasing and cost effective wall mount enclosure.

- Can be utilized with 6-PAK/LGX118 adapter plates and cassettes, which allow multiple fiber connector options and configurations
- Accommodates x4 6-PAK adapter plates/cassettes or x4 LGX118 adapter plates/cassettes
- Can be utilized with Universal Splice Tray (requires Universal Splice Tray Carrier Kit, sold separately). Accommodates x2 Universal Splice Trays
- Divided and individually opened input and output demarcation areas
- Rubber gasket to limit dust and moisture ingression
- Top and bottom cable entry points
- Durable steel construction
- Keyed lock kit available to secure internal premise wiring of the enclosure
- Available in black

Order No.	SAP No.	Description
WFR-00129	180970223	Wall Mount Enclosure, 4 position LGX 118/6-PAK, Unloaded, Black
Accessories		
AFR-00222	180600069	Universal Splice Tray Carrier Kit
AFR-00470	180600217	Universal Splice Tray, 24 Fiber with built in Cable Management, 2 x 12F trays per pack
AFR-00816	180690062	Universal Splice Tray, 24 Fiber with built in Cable Management, 1 x 12F trays per pack

Fiber Optic Solution Lightband Adapter Plates



6 Fiber Adapter Plates

6 Fiber Adapter Plates fit directly into most Molex fiber 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.

- Accommodates 6 or 12 fibers
- Available in Singlemode & Multimode versions
- Compatible with Molex Fiber Enclosures
- Compatible with the Modular Splice Cassette housing and Lid (AFR-00380)

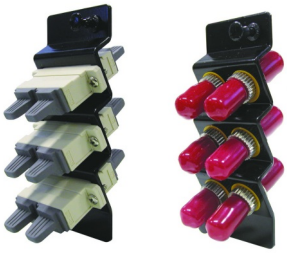
Order No.	SAP No.	Description
AFR-00357	180600135	ST 6 Fiber Adapter Plate, Singlemode
AFR-00364	180600142	ST 6 Fiber Adapter Plate unloaded
AFR-00358	180600136	SC Duplex 6 Fiber Adapter Plate, Singlemode - Blue
AFR-00372	180600150	SC Duplex 6 Fiber Adapter Plate, Multimode, OM3 - Aqua
AFR-00500	180600246	SC Duplex 6 Fiber Adapter Plate, Multimode, OM4 - Erika Violet
AFR-00359	180600137	6 Fiber Shuttered Duplex SC Adapter Plate OS1a/2 Blue
AFR-00373	180600151	SC Duplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM3, Aqua
AFR-00675-LG	180600482	SC Duplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM5 ,Lime Green

6 Fiber Shuttered Adapter Plates

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

- Available in Singlemode & Multimode versions
- Compatible with Molex Fiber Enclosures
- Unique shuttered feature protects from harmful light emissions

Order No.	SAP No.	Description
AFR-00118	180600042	6 Fiber Shuttered Duplex SC Adapter Plate, Singlemode
AFR-00229	180600100	6 Fiber Shuttered Duplex SC/APC Adapter Plate OS1a/2 Green
AFR-00311	180600078	6 Fiber Shuttered Duplex SC Adapter Plate OM3 Aqua
86117-1401	861171401	6 Fiber Shuttered MT-RJ Adapter Plate, Singlemode/Multimode



6 Fiber Angled Adapter Plates

Angled 6 Fiber SC Adapter Plates fit directly into most Molex fiber 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 Fiber Plates are fixed at a 30 degree angle to protect installers and end users from LED/Laser light emissions.

- Accommodates 6 fibers
- Available with Duplex SC and ST adapters
- Available in Singlemode & Multimode versions
- For use within Molex's Fiber Management Systems
- Angled design assists with maintaining the correct fiber bend radius

Order No.	SAP No.	Description
AFR-00182	180600129	6 Fiber Angled Duplex SC Adapter Plate, OM1/2 - Beige
AFR-00182-AQ	180600308	6 Fiber Angled Duplex SC Adapter Plate, OM3 - Aqua
AFR-00548-EV	180600310	6 Fiber Angled Duplex SC Adapter Plate, OM4 - Erika Violet
AFR-00686-LG	180600493	6 Fiber Angled Duplex SC Adapter Plate, OM5 - Lime Green
AFR-00183	180600116	6 Fiber Angled Duplex SC Adapter Plate, OS1a/2 Singlemode, Blue

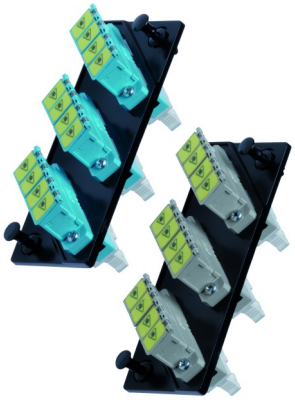
Fiber Optic Solution Lightband Adapter Plates

12 Fiber Adapter Plates

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

- Accommodates 12 fibers
- Available in Singlemode & Multimode versions
- For use within Molex's Fiber Management Systems

Order No.	SAP No.	Description
AFR-00365	180600143	LC Duplex 12 Fiber Singlemode Adapter Plate - Blue
AFR-00376	180600154	LC Duplex 12 Fiber Multimode OM3 Adapter Plate - Aqua
AFR-00544-EV	180600305	LC Duplex 12 Fiber Adapter Plate OM4 - Erika Violet
AFR-00368	180600146	SC Duplex 12 Fiber Adapter Plate, Singlemode - Blue
AFR-00374	180600152	SC Duplex 12 Fiber Adapter Plate, Multimode OM3 - Aqua
AFR-00501	180600247	SC Duplex 12 Fiber Adapter Plate, Multimode OM4 - Erika Violet
AFR-00369	180600147	LC Quad 12 Fiber Singlemode Adapter Plate - Blue
AFR-00375	180600153	LC Quad 12 Fiber Multimode OM3 Adapter Plate - Aqua
AFR-00442	180600177	SC/APC Duplex, 12 Fiber Adapter Plate, Singlemode, Green
AFR-00678-LG	180600485	SC Duplex, 12 Fiber Adapter Plate, Multimode, OM5 ,Lime Green
AFR-00679-LG	180600486	LC Duplex, 12 Fiber Adapter Plate, Multimode, OM5 ,Lime Green
AFR-00681-LG	180600488	LC Quad, 12 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green



12 Fiber Shuttered Adapter Plates

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

- Accommodates 12 fibers
- Available in Singlemode & Multimode versions
- Compatible with Molex Fiber Enclosures
- Shuttered feature protects from harmful light emissions

Order No.	SAP No.	Description
AFR-00369	180600147	LC Quad 12 Fiber Singlemode Adapter Plate - Blue
AFR-00375	180600153	LC Quad 12 Fiber Multimode OM3 Adapter Plate - Aqua
AFR-00375-EV	180600306	LC Quad 12 Fiber Multimode OM4 Adapter Plate - Erika Violet
AFR-00681-LG	180600488	LC Quad 12 Fiber Multimode OM5 Adapter Plate - Lime Green

24 Fiber Adapter Plates

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

- Accommodates 24 fibers
- Available in Singlemode & Multimode versions
- For use within Molex's Fiber Management Systems

Order No.	SAP No.	Description
AFR-00378	180600156	LC Quad 24 Fiber Multimode OM3 Adapter Plate - Aqua
AFR-00502	180600248	LC Quad 24 Fiber Multimode OM4 Adapter Plate - Erika Violet
AFR-00684-LG	180600491	LC Quad, 24 Fiber Multimode OM5 Adapter Plate - Lime Green
AFR-00379	180600157	LC Quad 24 Fiber Singlemode OS1a Adapter Plate - Blue

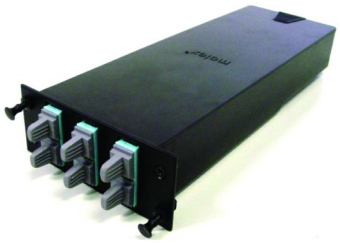
High Density MPO/MTP Adapter Plate

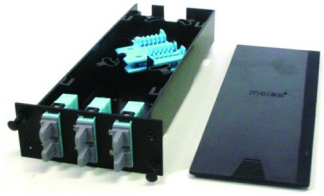
Molex High Density MPO/MTP Adapter Plates are a modular platform that are compatible with various Molex Enclosures.

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

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

Fiber Optic Solution Lightband Splicing





Multi-Function Enclosure Page 43

Specification Grade Enclosure Page 51

Modular Splice Cassettes

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

- Fully integrated into Molex's Specification Grade Enclosures
- Maximises density - maximum 24 fiber capacity
- Integrated Cable Management - prevents damage and ease of control
- Provides perfect bend radius for splices
- Various Splice Holders are available
- Available in Kit format which include cassette, cover, adapter plate, pigtails, splice holders and splice protectors
- Available in components for mix/match or retrofit installs
- Cost Effective

Order No.	SAP No.	Description
6 Fiber Singlemode		
AFR-00382	183190017	6 Fiber Singlemode OS1a/OS2 ST
AFR-00382L	Consult Molex	6 Fiber Singlemode G.657a2 ST Low Loss
AFR-00340	183190000	6 Fiber Singlemode G.657a2 Duplex SC Blue
AFR-00340L	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC Blue Low Loss
AFR-00710-GR	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC APC Green
AFR-00711-GR	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC APC Green Low Loss
6 Fiber Multimode		
AFR-00383	183190018	6 Fiber Multimode OM1 ST
AFR-00384	183190019	6 Fiber Multimode OM2 ST
AFR-00499	Consult Molex	6 Fiber Multimode OM3 BI ST
AFR-00499L	Consult Molex	6 Fiber Multimode OM3 BI ST Low Loss
AFR-00490	Consult Molex	6 Fiber Multimode OM4 BI ST
AFR-00490L	Consult Molex	6 Fiber Multimode OM4 BI ST Low Loss
AFR-00760	183190107	6 Fiber Multimode OM5 BI ST
AFR-00761	183190108	6 Fiber Multimode OM5 BI ST Low Loss
AFR-00341	183190001	6 Fiber Multimode OM1 Duplex SC Beige
AFR-00342	Consult Molex	6 Fiber Multimode OM2 BI Duplex SC Beige
AFR-00343	183190003	6 Fiber Multimode OM3 BI Duplex SC Aqua
AFR-00343L	Consult Molex	6 Fiber Multimode OM3 BI Duplex SC Aqua Low Loss
AFR-00486	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Erika Violet
AFR-00486L	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Erika Violet Low Loss
AFR-00503	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Aqua
AFR-00503L	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Aqua Low Loss
AFR-00712-LG	Consult Molex	6 Fiber Multimode OM5 BI Duplex SC Lime Green
AFR-00713-LG	Consult Molex	6 Fiber Multimode OM5 BI Duplex SC Lime Green Low Loss
12 Fiber Singlemode		
AFR-00344	Consult Molex	12 Fiber Singlemode G.657a2 Duplex SC Blue
AFR-00344L	Consult Molex	12 Fiber Singlemode G.657a2 Duplex SC Blue Low Loss
AFR-00406L	Consult Molex	12 Fiber Singlemode G.657a2 Duplex SC APC Green Low Loss
AFR-00348	Consult Molex	12 Fiber Singlemode G.657a2 Duplex LC Blue
AFR-00348L	Consult Molex	12 Fiber Singlemode G.657a2 Duplex LC Blue Low Loss
AFR-00716-GR	Consult Molex	12 Fiber Singlemode G.657a2 Duplex LC APC Green
AFR-00717-GR	Consult Molex	12 Fiber Singlemode G.657a2 Duplex LC APC Green Low Loss
12 Fiber Multimode		
AFR-00345	Consult Molex	12 Fiber Multimode OM1 Duplex SC Beige
AFR-00349	Consult Molex	12 Fiber Multimode OM1 Duplex LC Beige
AFR-00346	Consult Molex	12 Fiber Multimode OM2 BI Duplex SC Beige
AFR-00350	Consult Molex	12 Fiber Multimode OM2 BI Duplex LC Beige
AFR-00347	Consult Molex	12 Fiber Multimode OM3 BI Duplex SC Aqua
AFR-00347L	Consult Molex	12 Fiber Multimode OM3 BI Duplex SC Aqua Low Loss
AFR-00351	Consult Molex	12 Fiber Multimode OM3 BI Duplex LC Aqua
AFR-00351L	Consult Molex	12 Fiber Multimode OM3 BI Duplex LC Aqua Low Loss
AFR-00487	Consult Molex	12 Fiber Multimode OM4 BI Duplex SC Erika Violet
AFR-00487L	Consult Molex	12 Fiber Multimode OM4 BI Duplex SC Erika Violet Low Loss
AFR-00488	Consult Molex	12 Fiber Multimode OM4 BI Duplex LC Erika Violet
AFR-00488L	Consult Molex	12 Fiber Multimode OM4 BI Duplex LC Erika Violet Low Loss
AFR-00504	Consult Molex	12 Fiber Multimode OM4 BI Duplex SC Aqua
AFR-00504L	Consult Molex	12 Fiber Multimode OM4 BI Duplex SC Aqua Low Loss
AFR-00505	Consult Molex	12 Fiber Multimode OM4 BI Duplex LC Aqua
AFR-00505L	Consult Molex	12 Fiber Multimode OM4 BI Duplex LC Aqua Low Loss
AFR-00714-LG	Consult Molex	12 Fiber Multimode OM5 BI Duplex SC Lime Green
AFR-00715-LG	Consult Molex	12 Fiber Multimode OM5 BI Duplex SC Lime Green Low loss
AFR-00718-LG	Consult Molex	12 Fiber Multimode OM5 BI Duplex LC Lime Green
AFR-00719-LG	Consult Molex	12 Fiber Multimode OM5 BI Duplex LC Lime Green Low loss
24 Fiber Singlemode		
AFR-00352	Consult Molex	24 Fiber Singlemode G.657a2 Quad LC Blue
AFR-00352L	Consult Molex	24 Fiber Singlemode G.657a2 Quad LC Blue Low Loss
AFR-00720-GR	Consult Molex	24 Fiber Singlemode G.657a2 Quad LC APC Green
AFR-00721-GR	Consult Molex	24 Fiber Singlemode G.657a2 Quad LC APC Green Low Loss
24 Fiber Multimode		
AFR-00353	Consult Molex	24 Fiber Multimode OM1 Quad LC Beige
AFR-00354	Consult Molex	24 Fiber Multimode OM2 BI Quad LC Beige
AFR-00355	Consult Molex	24 Fiber Multimode OM3 BI Quad LC Aqua
AFR-00355L	Consult Molex	24 Fiber Multimode OM3 BI Quad LC Aqua Low Loss

Fiber Optic Solution Lightband Splicing

Order No.	SAP No.	Description
AFR-00489	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Erika Violet
AFR-00489L	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Erika Violet Low Loss
AFR-00506	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Aqua
AFR-00506L	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Aqua Low Loss
AFR-00722-LG	Consult Molex	24 Fiber Multimode OM5 BI Quad LC Lime Green
AFR-00723-LG	Consult Molex	24 Fiber Multimode OM5 BI Quad LC Lime Green Low Loss
Accessories		
AFR-00337	Consult Molex	24 Fiber Fusion Splice Holder
AFR-00380	183190016	Modular Splice Cassette Housing and Lid

Universal Splice Trays & Fusion Splice Protectors

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
- Fusion Splice Protectors are available in 45mm and 61mm lengths

Order No.	SAP No.	Description
AFR-00336	180690052	Universal Splice Tray - 24 Fibers
AFR-00338	180690054	Universal Splice Tray - Unloaded
AFR-00334	180690050	5 Fiber Mechanical Splice Holder
AFR-00335	180690051	6 Fiber Fusion Splice Holder
AFR-00337	180690053	12 Fiber Fusion Splice Holder
KFR-00052	Consult Molex	24 Fiber Fusion Splice Holder
KFR-00008	180600025	45mm Fusion Splice Protector - 2.4mm (o.d.)
KFR-00009	180600026	61mm Fusion Splice Protector - 2.4mm (o.d.)

Fiber Optic Solution Lightband Fiber-To-The-Desk

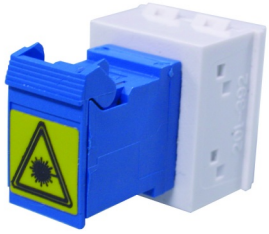
Single Bezel ST Modules

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

- Available in Singlemode & Multimode versions
- DataGate footprint
- Available in 5 colors

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

** Color Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Gray



Single Bezel SC Modules

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

- Designed to fit into Synergy surface blocks
- Available in 5 colors
- DataGate footprint

Order No.	SAP No.	Description
MSY-00018-**	Consult Molex	Simplex Shuttered SC Module, Singlemode
MSY-00131-02	182060305	Shuttered SC/APC Module, Singlemode - White

** Color Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Gray

Single LC Duplex Module, Singlemode/Multimode

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

- Designed to fit into Synergy, Streamline, Signature & USO II system of wallplates and surface blocks
- Available in 5 colors
- DataGate footprint

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

** Color Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Gray

50 x 50mm Angled Modules

50 x 50mm Angled modules ensure that correct bend radius is maintained in a fiber-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 Wallplates

Order No.	SAP No.	Description
MEU-00005-02	184000314	Angled ST Module, Multimode - 4 Adapters
MEU-00006-02	182620055	Angled ST Module, Singlemode - 4 Adapters
MEU-00007-02	182620056	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	182620058	Angled Shuttered Duplex SC Module, Multimode -1 Adapter
MEU-00012-02	182620059	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	182620074	Angled Shuttered LC, Singlemode - 2 Adapters
MEU-00049-02	182620005	Angled Shuttered LC, Multimode - 2 Adapters

25x50mm Modules

25x50mm modules provide a Singlemode or Multimode solution, supporting SC, ST and LC fiber technology.

- Available in Singlemode & Multimode versions
- For use within Euromod Wallplates

Order No.	SAP No.	Description
17.A0162	181210015	25 x 50mm Duplex SC Module, Multimode - 1 Adapter
17.A0172	181210014	25 x 50mm Duplex SC Module, Singlemode - 1 Adapter
17.A0182	182620006	25 x 50mm Duplex SC-ST Module, Multimode - 1 Adapter
17.A0192	182620007	25 x 50mm Duplex SC-ST Module, Singlemode - 1 Adapter
17.A0202	184000467	25 x 50mm Shuttered Duplex SC Module, Multimode - 1 Adapter
17.A0212	184000466	25 x 50mm Shuttered Duplex SC Module, Singlemode - 1 Adapter
17.A0222	182620008	25 x 50mm Shuttered Duplex SC-ST Module, Multimode - 1 Adapter
MEU-00029-02	181490006	25 x 50mm LC Module, Singlemode - 2 Adapters
MEU-00067-02	182620012	25 x 50mm LC Module, Multimode - 2 Adapters

Mission critical applications

Pre-terminated solutions reduce the time and manpower required for cabling deployment. This has significant cost saving benefits for new installations and those where moves, additions and changes are frequently required.

The Molex ModLink system supports LC or SC fiber connectivity and supports OM1, OM2, OM3, OM4, OM5, OS1a and OS2 applications.

Pre-terminated Solutions

Easy Installation

ModLink cassettes click quickly into place for flexible system configuration and fast, economic installation. Simply plug the cable into the rear of the unit and the link is operational.

Data Center Solutions

The design and implementation of cabling infrastructure is key for the operation and scalability of data centers, storage area networks (SANs) and server rooms. ModLink makes both deployment and reconfiguration quick and easy.

Signal Performance

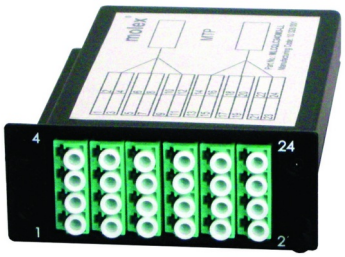
All ModLink components are designed and tested to provide consistent and error free performance. Our OS and laser optimized OM cables offer industry-leading insertion loss.

Pre-Terminated Solutions ModLink Fiber Plug and Play

12 Port LC ModLink Cassettes

ModLink Cassettes provide a cost-effective, quick and easy fiber system, for backbone and to-the-desk applications. 12 Fiber 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.

Order No.	SAP No.	Description
Duplex SC		
MLCDSC12OM1	181810140	12 Fiber ModLink Cassette, Duplex SC, OM1 62.5µm
MLCDSC12OM2	181810145	12 Fiber ModLink Cassette, Duplex SC, OM2 50µm
Duplex SC		
MLCDSC12OM3L	181810150	12 Fiber ModLink Cassette, Duplex SC, OM3 50µm, Low Loss
MLCDSC12OM4L	181810167	12 Fiber ModLink Cassette, Duplex SC, OM4 50µm, Low Loss
MLCDSC12OM5	181810237	12 Fiber ModLink Cassette, Duplex SC, OM5
MLCDSC12OM5L	181810238	12 Fiber ModLink Cassette, Duplex SC, OM5, Low Loss
MLCDSC12OS1L	181810135	DSC, 12 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss
MLCDSC12OS2L	181810166	12 Fiber ModLink Cassette, Duplex SC, OS1a/2
Duplex LC		
MLCDLC12OM1	181810142	12 Fiber ModLink Cassette, Duplex LC, OM1 62.5µm
MLCDLC12OM2	181810147	12 Fiber ModLink Cassette, Duplex LC, OM2 50µm
Duplex LC		
MLCDLC12OM3L	181810152	12 Fiber ModLink Cassette, Duplex LC, OM3 50µm, Low Loss
MLCDLC12OM4L	181810172	12 Fiber ModLink Cassette, Duplex LC, OM4 50µm, Low Loss
MLCDLC12OM5	181810244	12 Fiber ModLink Cassette, Duplex LC, OM5
MLCDLC12OM5L	181810245	12 Fiber ModLink Cassette, Duplex LC, OM5, Low Loss
MLCDLC12OS1L	181810137	DLC, 12 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss
MLCDLC12OS2L	181810173	12 Fiber ModLink Cassette, Duplex LC, OS1a/2
Quad LC		
MLCQLC12OM1	180370268	12 Fiber ModLink Cassette, Quad LC, OM1 62.5µm
MLCQLC12OM2	180370267	12 Fiber ModLink Cassette, Quad LC, OM2 50?m
Quad LC		
MLCQLC12OM3L	181810177	12 Fiber ModLink Cassette, Quad LC, OM3 50µm, Low Loss
MLCQLC12OM4L	181810176	12 Fiber ModLink Cassette, Quad LC, OM4 50µm, Low Loss
MLCQLC12OM5	Consult Molex	12 Fiber ModLink Cassette, Quad LC, OM5
MLCQLC12OM5L	Consult Molex	12 Fiber ModLink Cassette, Quad LC, OM5 Multimode, Low Loss
MLCQLC12OS2L	181810175	12 Fiber ModLink Cassette, Quad LC, OS1a/2



24 Port Quad LC ModLink Cassettes

ModLink Cassettes provide a cost-effective, quick and easy fiber system for backbone and to-the-desk applications. 24 Fiber 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.

Order No.	SAP No.	Description
MLCQLC24OM1	181810162	24 Fiber ModLink Cassette, Quad LC, OM1 62.5µm Multimode
MLCQLC24OM2	181810164	24 Fiber ModLink Cassette, Quad LC, OM2 50µm
MLCQLC24OM3L	181810163	24 Fiber ModLink Cassette, Quad LC, OM3, 50µm, Low Loss
MLCQLC24OM4L	181810171	24 Fiber ModLink Cassette, Quad LC, OM4, 50µm, Low Loss
MLCQLC24OM5	181810249	24 Fiber ModLink Cassette, Quad LC, OM5
MLCQLC24OM5L	181810250	24 Fiber ModLink Cassette, Quad LC, OM5, Low Loss
MLCQLC24OS2L	181810170	24 Fiber ModLink Cassette, Quad LC, OS2, Low Loss

Pre-Terminated Solutions ModLink Fiber Plug and Play

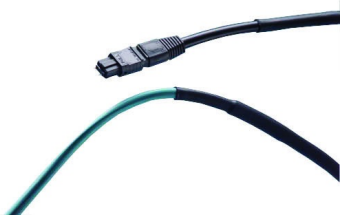
ModLink Advanced Fiber Optic Cassettes

Molex Plug and Play Advanced Fiber Optic Systems offer premium factory-controlled optical performance, enable flexible system configuration and fast, economic installation. ModLink is ideal for mission critical applications such as data centers and storage area networks, applications where fast installation is paramount, and environments where moves-adds-changes are frequent or managed in-house.

- Self-contained fiber optic patching enclosures convert the MPO interface to a standard LC, SC, MT-RJ or ST coupler
- Industry-leading low insertion loss for OS1/2, OM3, OM4 and OM5 Cassettes
- Cassettes available in 12 and 24 fiber versions
- Cassettes may be inserted into any standard or spec grade Molex rack mount or wall mount enclosure
- Front port identification plus labeling field on cassette top for fiber documentation

Order No.	SAP No.	Description
PMLCDLC12OM3L	181810333	Duplex LC, 12-Fiber ModLink MPO Cassette, OM3, Low Loss
PMLCDLC12OM4L	181810332	Duplex LC, 12-Fiber ModLink MPO Cassette, OM4, Low Loss
PMLCDLC12OM5L	181810342	Duplex LC, 12-Fiber ModLink MPO Cassette, OM5, Low Loss
PMLCDLC12OS2L	181810329	Duplex LC, 12-Fiber ModLink MPO Cassette, OS1/OS2, Low Loss
PMLCDSC12OM3L	181810375	Duplex SC, 12-Fiber ModLink MPO Cassette, OM3, Low Loss
PMLCDSC12OM4L	181810376	Duplex SC, 12-Fiber ModLink MPO Cassette, OM4, Low Loss
PMLCDSC12OM5L	181810326	Duplex SC, 12-Fiber ModLink MPO Cassette, OM5, Low Loss
PMLCDSC12OS2L	181810371	Duplex SC, 12-Fiber ModLink MPO Cassette, OS1/OS2, Low Loss
PMLCQLC12OM3L	181810348	Quad LC, 12-Fiber ModLink MPO Cassette, OM3, Low Loss
PMLCQLC12OM4L	181810345	Quad LC, 12-Fiber ModLink MPO Cassette, OM4, Low Loss
PMLCQLC12OM5L	181810352	Quad LC, 12-Fiber ModLink MPO Cassette, OM5, Low Loss
PMLCQLC12OS2L	181810350	Quad LC, 12-Fiber ModLink MPO Cassette, OS1/OS2, Low Loss
PMLCQLC24OM3L	181810361	Quad LC, 24-Fiber ModLink MPO Cassette, 50/125, OM3, Low Loss
PMLCQLC24OM4L	181810362	Quad LC, 24-Fiber ModLink MPO Cassette, 50/125, OM4, Low Loss
PMLCQLC24OM5L	181810370	Quad LC, 24-Fiber ModLink MPO Cassette, 50/125, OM5, Low Loss
PMLCQLC24OS2L	181810364	Quad LC, 24-Fiber ModLink MPO Cassette, 9/125, OS2, Low Loss

Pre-Terminated Solutions ModLink Fiber Plug and Play



ModLink Cables

Molex Plug and Play Advanced Fiber Optic Systems offer premium factory-controlled optical performance, enable flexible system configuration and fast, economical installation. ModLink is ideal for mission critical applications such as Data Centers and Storage Area Networks, applications where fast installation is paramount and environments where moves adds and changes are frequent or managed in-house. A 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 optimized OM3/4/5 and OS1a/2 Cables, 0.10dB Typical)
- ModLink advanced fiber optic cables are 100% tested
- Pulling eyes installed to protect the assembly during installation
- 3.0mm or 4.5mm o.d.
- Standard and Low Loss versions available
- LS0H rated ribbon cables are factory terminated on both ends with multi-fiber MTP® connectors for maximum fiber density
- Round, flexible outer jacket is easy to bend, route and install
- Part number generator, F.O. Configurator – ModLink cables is available on Molex Customer Support Portal: csp.molex.com.

9 1 - X A A B B - Y L L L C - E *

Family

Fiber Count
21 = 12 MTP-MTP OFNP Double jacket
22 = 12 MTP-MTP LS0H Double jacket
23 = 24 MTP-MTP OFNP Double jacket
24 = 24 MTP-MTP LS0H Double jacket
25 = 8 MTP-MTP OFNP Double jacket
26 = 8 MTP-MTP LS0H Double jacket
27 = 12 MTP-MTP OFNR Double jacket
28 = 24 MTP-MTP OFNR Double jacket
29 = 8 MTP-MTP OFNR Double jacket
11 = 12 MTP-MTP OFNP Single jacket
12 = 12 MTP-MTP LS0H Single jacket
13 = 24 MTP-MTP OFNP Single jacket
14 = 24 MTP-MTP LS0H Single jacket
15 = 8 MTP-MTP OFNP Single jacket
16 = 8 MTP-MTP LS0H Single jacket
17 = 12 MTP-MTP OFNR Single jacket
18 = 24 MTP-MTP OFNR Single jacket
19 = 8 MTP-MTP OFNR Single jacket

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

Fiber Type
2 = OM1 62.5/125µm
4 = OS1a/2 9/125µm
4L = OS1a/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

Length
001 = 1 meter
00A = 0.5 meter
00B = 1.5 meter
00C = 2.5 meter
00D = 3.5 meter
00E = 4.5 meter

Jacket Color
0 = Default
OM1 MM = Orange
OM2 MM = Gray
OM3 MM = Aqua
OM4 MM = Erika 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 Gray - 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 = Erika Violet - EV
W = White - WH

Euro Class
B = Bca LS0H
C = Cca LS0H
D = Dca LS0H
E = Eca LS0H
F = Fca LS0H
* = For EU supply only

Order No.	SAP No.	Description
91-XAABB-YLLLC-E	Consult Molex	ModLink Cables

Pre-Terminated Solutions ModLink Fiber Plug and Play

MTP Field Tool
Page 98

ModLink MTP Pro Advanced Fiber Optic Cables

Molex Plug and Play Advanced Fiber Optic Systems offer premium factory-controlled optical performance, enable flexible system configuration and fast, economical installation. ModLink is ideal for mission critical applications such as Data Centers and Storage Area Networks, applications where fast installation is paramount, and environments where moves adds and changes are frequent or managed in-house. The MTP PRO connector offers quick and effective polarity and pin reconfiguration in the field while ensuring product integrity and performance.

- Round, flexible outer jacket is easy to bend, route and install
- Available in Plenum (OFNP), Riser (OFNR) and LS0H constructions
- Industry-leading low insertion loss (0.35dB maximum insertion loss for laser optimized OM3/OM4/OM5 cables and OS1/2 cables, 0.10dB typical)
- Cables available in 8 and 12 fiber constructions
- ModLink Advanced Fiber Optic Cables are 100% tested
- Polarity and pin reconfiguration in the field
- Pulling eyes installed which above 30 meters to protect the assembly during installation
- Part number generator is available on Molex Customer Support Portal: csp.molex.com

91-XAABB-YLLLC-E*

Family

Jacket Type:
1= Single Jacket

Cable Type:
A = 12F MTP PRO -MTP PRO OFNP
B = 12F MTP PRO -MTP PRO LSOH
C = 8F MTP PRO -MTP PRO OFNP
D = 8F MTP PRO -MTP PRO LSOH
E = 12F MTP PRO -MTP PRO OFNR
F = 8F MTP PRO -MTP PRO OFNR

Polarity Method/Gender
22 = A, Female to Female
44 = B, Female to Female
33 = C, Female to Female
(Only for 12 fiber)
55 = A, Male to Male
66 = B, Male to Male
77 = C, Male to Male
(Only for 12 fiber)
88 = A, Female to Male
99 = B, Female to Male
00 = C, Female to Male
(Only for 12 fiber)

Fiber Type
4L = OS1a/2 9/125µm Low Loss
6L = OM3 50/125µm Low Loss
8L = OM4 50/125µm Low Loss
9L = OM5 50/125µm Low Loss
9L = OM5 50/125µm Low Loss

Length
001 = 1 meter
00A = 0.5 meter
00B = 1.5 meter
00C = 2.5 meter
00D = 3.5 meter
00E = 4.5 meter

Jacket Color
0 = Default
OM1 MM = Orange
OM2 MM = Gray
OM3 MM = Aqua
OM4 MM =
Erika 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 Gray - 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 = Erika Violet - EV
W = White - WH

Euro Class
B = Bca LS0H
C = Cca LS0H
D = Dca LS0H
E = Eca LS0H
F = Fca LS0H
* = For EU
supply only

Order No.	SAP No.	Description
91-XAABB-YLLLC-E	Consult Molex	ModLink MTP PRO Advanced Fiber Optic Cables

Pre-Terminated Solutions ModLink Fiber Plug and Play

ModLink Advanced Fiber Optic Cables

Molex Plug and Play Advanced Fiber Optic Systems offer premium factory-controlled optical performance, enable flexible system configuration and fast, economical installation. ModLink is ideal for mission critical applications such as Data Centers and Storage Area Networks, applications where fast installation is paramount and environments where moves adds and changes are frequent or managed in-house.

- Round, flexible outer jacket is easy to bend, route and install
- Available in Plenum (OFNP), Riser (OFNR) and LS0H constructions
- Industry-leading low insertion loss (0.35dB maximum insertion loss for lazer optimized OM3/OM4/OM5 cables and OS1/2 cables, 0.10dB typical)
- Cables available in 8, 12 and 24 fiber constructions
- ModLink Advanced Fiber Optic Cables are 100% tested
- Part number generator, F.O. Configurator – ModLink cables is available on Molex Customer Support Portal: csp.molex.com.

81-XAABB-YLLLC-E*

Family

Fiber Count
21 = 12 MPO-MPO OFNP Double jacket
22 = 12 MPO-MPO LS0H Double jacket
23 = 24 MPO-MPO OFNP Double jacket
24 = 24 MPO-MPO LS0H Double jacket
25 = 8 MPO-MPO OFNP Double jacket
26 = 8 MPO-MPO LS0H Double jacket
27 = 12 MPO-MPO OFNR Double jacket
28 = 24 MPO-MPO OFNR Double jacket
29 = 8 MPO-MPO OFNR Double jacket
11 = 12 MPO-MPO OFNP Single jacket
12 = 12 MPO-MPO LS0H Single jacket
13 = 24 MPO-MPO OFNP Single jacket
14 = 24 MPO-MPO LS0H Single jacket
15 = 8 MPO-MPO OFNP Single jacket
16 = 8 MPO-MPO LS0H Single jacket
17 = 12 MPO-MPO OFNR Single jacket
18 = 24 MPO-MPO OFNR Single jacket
19 = 8 MPO-MPO OFNR Single jacket

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

Fiber Type
2 = OM1 62.5/125µm
4 = OS1a/2 9/125µm
4L = OS1a/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

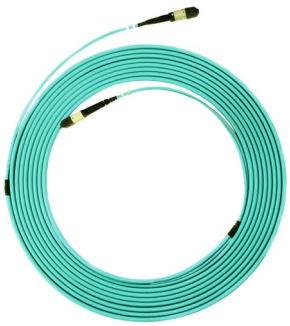
Length
001 = 1 meter
00A = 0.5 meter
00B = 1.5 meter
00C = 2.5 meter
00D = 3.5 meter
00E = 4.5 meter

Jacket Color
0 = Default
OM1 MM = Orange
OM2 MM = Gray
OM3 MM = Aqua
OM4 MM = Erika 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 Gray - 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 = Erika Violet - EV
W = White - WH

Euro Class
B = Bca LS0H
C = Cca LS0H
D = Dca LS0H
E = Eca LS0H
F = Fca LS0H
* = For EU supply only

Order No.	SAP No.	Description
81-XAABB-YLLLC-E	Consult Molex	ModLink Advanced Fiber Optic Cables

Pre-Terminated Solutions ModLink Fiber Plug and Play



MTP-MTP Pre-Terminated Multicore Cable Assemblies

Molex Pre-Terminated Fiber 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 center tie cables and low optical loss backbone riser cables.

- Available in: Low Loss: OS1a/2, OM3/4/5 Standard Loss: OS1a/2, OM1/2/3/4/5
- 8-144 core count available with 8, 12 or 24 cores MTP connector
- 2mm ruggedized tails and 900µm tails available
- Customized Tail Length and Configuration options available
- LS0H and OFNP cable jacket
- Ideal for: Internal short optical links Front panel/equipment connections Data center infrastructure Storage Area Network (SAN)
- Available with a variety of connector types
- Part number generator, F.O. Configurator – MTP/MTP cable assemblies is available on Molex Customer Support Portal: csp.molex.com.

9 M A A B C C D E E F F G H I I I J

Family

Fiber Count
8-99
AX = 100-109
BX = 110-119
CX = 120-129
DX = 130-139
EX = 140-144*
Like 144F=E4

Polarity
A = Method A
B = Method B
C = Method C*
D = Method D**

Connector Type for End A & End B
A = 12 Fiber Low Loss Male
B = 12 Fiber Low Loss Female
C = 12 Fiber Std Loss Male
D = 12 Fiber Std Loss Female
J = 8 Fiber Low Loss Male
K = 8 Fiber Low Loss Female
L = 8 Fiber Std Loss Male
M= 8 Fiber Std Loss Female
1 = 24 Fiber Low Loss Male
2 = 24 Fiber Low Loss Female
3 = 24 Fiber Std Loss Male
4 = 24 Fiber Std Loss Female

Fiber Type
1 = OM1
2 = OM2
3 = OM3
4 = OM4
5 = OM5
8 = OS1/2
9 = G.657A2

Tail Length for End A & End B
0 = 0m##
1 = 1m
2 = 2m
3 = 3m
A = 4.5m
B = 0.5m

Tail Configuration, End A & End B
A = 3mm/5mm Ruggedized Even#
B = 3mm Ruggedized Fan Staggered 30mm
C = 3mm Ruggedized Fan Staggered 50mm
D = 3mm Ruggedized Fan Staggered 100mm
E = 3mm Ruggedized Fan Staggered 150mm

* Only For 12&24F MTP Connector
**Only For 24F MTP Connector
5mm tail only for Single MTP Connector End
##0 only for single MTP Connector end

Glands and Pulling Eye
U = No gland, pulling eye at MTP end
V = No gland, pulling eye at X end
Z = No gland, 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
A = Gland at both ends, pulling eye at both ends
*Gland = M20 default, Gland O.D dependent upon cable O.D

Sheath Type
A = LS0H
B = Bca LS0H
C = Cca LS0H
E = Eca LS0H
F = Fca LS0H
R = OFNR
P = OFNP

Length (meters)
001 = 1m
00A =0.5m
00B =1.5m
00C =2.5m
00D =3.5m
00E =4.5m

Sheath Color
0 = Default Color:
OM1 = Orange
OM2 = Gray
OM3 = Aqua
OM4 = Erika Violet (LS0H)
OM4 = Aqua(Plenum&PVC)
OM5 = Lime Green
OS1a/2 = Yellow
A = Aqua
B = Blue
C = Red
D = Black
E = DK Gray
J = Green
K = Yellow
N = Orange
P = Pink
S = Salmon Pink
U = Purple
V = Erika Violet
W = White

Order No.	SAP No.	Description
9MAABCCDEEFFGHIIIJ	Consult Molex	MTP-MTP Pre-Terminated Multicore Cable Assemblies

Pre-Terminated Solutions ModLink Fiber Plug and Play

MTP Field Tool
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MTP PRO-MTP PRO Pre-Terminated Multicore Cable Assemblies

Molex Pre-Terminated Multicore Fiber 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 Center tie cables and low optical loss backbone riser cables.

- Available in Low Loss OS1a/2, OM3, OM4 and OM5
- 8 to 144 core fibers available
- Polarity and pin reconfiguration in the field
- Customized Tail Length and Configuration options available
- LS0H, OFNR and OFNP cable jacket
- ROHS Compliant
- Ideal for: Internal short optical links Front panel/equipment connections, Data center infrastructure, Storage Area Network (SAN)

9 M A A B C C D E E F F G H I I I J

Family

Fiber Count
8-99
8-99
AX=100-109
BX=110-119
CX=120-129
DX=130-139
EX=140-144*
e.g. 144F=E4

Polarity
A=Method A
B=Method B
C=Method C*
* Only For 12 MTP Pro Connector

Connector Type for End A & End B
Q = 12 Fiber Low Loss Male
P = 12 Fiber Low Loss Female
S = 8 Fiber Low Loss Male
W = 8 Fiber Low Loss Female

Fiber Type
1 = OM1
2 = OM2
3 = OM3
4 = OM4
5 = OM5
8 = OS1/2
9 = G.657A2

Tail Length for End A & End B
0 = 0m*
1 = 1m
2 = 2m
3 = 3m
A = 4.5m
B = 0.5m
*0 only for single MTP Pro

Tail Configuration, End A & End B
A = 3mm Ruggedized Even
B = 3mm Ruggedized Fan Staggered 30mm
C = 3mm Ruggedized Fan Staggered 50mm
D = 3mm Ruggedized Fan Staggered 100mm
E = 3mm Ruggedized Fan Staggered 150mm

Glands and Pulling Eye
U= No gland, pulling eye at MTP Pro end
V= No gland, pulling eye at X end
Z= No gland, no pulling eye
Y= Gland and pulling eye at MTP Pro end
T= Gland at MTP Pro end,pulling eye at X end
S= Gland at MTP Pro end, no pulling eye
X= Gland at X end, pulling eye at MTP Pro 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 Pro end
B= Gland at both ends, pulling eye at X end
C= Gland at both ends, no pulling eye
A= Gland at both ends, pulling eye at both ends

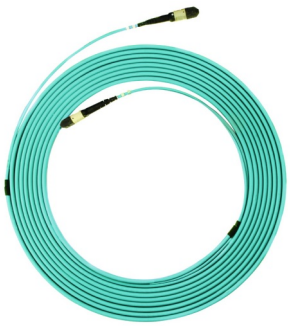
Sheath Color
0 = Default Color:
OM1 = Orange
OM2 = Gray
OM3 = Aqua
OM4 = Erika Violet (LS0H)
OM4 = Aqua (Plenum&PVC)
OM5 = Lime Green
OS1a/2 = Yellow
A = Aqua
B = Blue
C = Red
D = Black
E = DK Gray
J = Green
K = Yellow
N = Orange
P = Pink
S = Salmon Pink
U = Purple
V = Erika Violet
W = White

Sheath Type
A = LS0H
B = Bca LS0H
C = Cca LS0H
E = Eca LS0H
F = Fca LS0H
R = OFNR
P = OFNP

Length (meters)
001 = 1m
00A =0.5m
00B =1.5m
00C =2.5m
00D =3.5m
00E =4.5m

Order No.	SAP No.	Description
9MAABCCDEEFFGHIIIJ		MTP PRO-MTP PRO Pre-Terminated Multicore Cable Assemblies

Pre-Terminated Solutions ModLink Fiber Plug and Play



MPO-MPO Pre-Terminated Multicore Cable Assemblies

Molex Pre-Terminated Multicore Fiber Optic Cable Assemblies offer premium factory-controlled optical performance on a variety of connectors that enable fast, economical installation. They are ideal for mission-critical backbone applications such as Data Center tie cables and low optical loss backbone riser cables.

- Available in Low Loss OS1/2, OM3 and OM4 or standard Loss available OS1/2, OM1, OM2, OM3 and OM4
- 12 and 24 cores standard (high core counts up to 144 fibers available)
- 2mm ruggedized tails and 900µm tails available
- Customized Tail Length and Configuration options available
- LS0H and OFNP cable jacket
- ROHS Compliant
- Ideal for: Internal short optical links, Front panel/equipment connections, Data center infrastructure, Storage Area Network (SAN)
- Part number generator, F.O. Configurator – MTP/X cable assemblies is available on Molex Customer Support Portal: csp.molex.com.

8 M A A B C C D E E F F G H I I I J

Family

Fiber Count
8-99
AX = 100-109
BX = 110-119
CX = 120-129
DX = 130-139
EX = 140-144*
Like 144F=E4

Polarity
A = Method A
B = Method B
C = Method C*
D = Method D**

Connector Type for End A & End B
A = 12 Fiber Low Loss Male
B = 12 Fiber Low Loss Female
C = 12 Fiber Std Loss Male
D = 12 Fiber Std Loss Female
J = 8 Fiber Low Loss Male
K = 8 Fiber Low Loss Female
L = 8 Fiber Std Loss Male
M= 8 Fiber Std Loss Female
1 = 24 Fiber Low Loss Male
2 = 24 Fiber Low Loss Female
3 = 24 Fiber Std Loss Male
4 = 24 Fiber Std Loss Female

Fiber Type
1 = OM1
2 = OM2
3 = OM3
4 = OM4
5 = OM5
8 = OS1/2
9 = G.657A2

Tail Length for End A & End B
0 = 0m##
1 = 1m
2 = 2m
3 = 3m
A = 4.5m
B = 0.5m

Tail Configuration, End A & End B
A = 3mm/5mm Ruggedized Even#
B = 3mm Ruggedized Fan Staggered 30mm
C = 3mm Ruggedized Fan Staggered 50mm
D = 3mm Ruggedized Fan Staggered 100mm
E = 3mm Ruggedized Fan Staggered 150mm

* Only For 12&24F MPO Connector
**Only For 24F MPO Connector
5mm tail only for Single MPO Connector End
##0 only for single MPO Connector end

Glands and Pulling Eye
U = No gland, pulling eye at MPO end
V = No gland, pulling eye at X end
Z = No gland, no pulling eye
Y = Gland and pulling eye at MPO end
T = Gland at MPO end,pulling eye at X end
S = Gland at MPO end, no pulling eye
X = Gland at X end, pulling eye at MPO 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 MPO end
B = Gland at both ends, pulling eye at X end
C = Gland at both ends, no pulling eye
A = Gland at both ends, pulling eye at both ends
*Gland = M20 default, Gland O.D dependent upon cable O.D

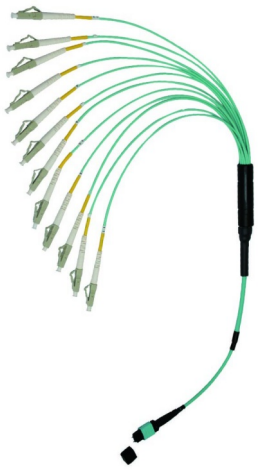
Sheath Type
A = LS0H
B = Bca LS0H
C = Cca LS0H
E = Eca LS0H
F = Fca LS0H
R = OFNR
P = OFNP

Length (meters)
001 = 1m
00A =0.5m
00B =1.5m
00C =2.5m
00D =3.5m
00E =4.5m

Sheath Color
0 = Default Color:
OM1 = Orange
OM2 = Gray
OM3 = Aqua
OM4 = Erika Violet (LS0H)
OM4 = Aqua(Plenum&PVC)
OM5 = Lime Green
OS1a/2 = Yellow
A = Aqua
B = Blue
C = Red
D = Black
E = DK Gray
J = Green
K = Yellow
N = Orange
P = Pink
S = Salmon Pink
U = Purple
V = Erika Violet
W = White

Order No.	SAP No.	Description
8MAABCCDEEFFIIIJ	Consult Molex	MPO-MPO Pre-Terminated Multicore Cable Assemblies

Pre-Terminated Solutions ModLink Fiber Plug and Play



Hybrid Pre-Terminated Cable Assemblies

Molex Pre-Terminated Fiber 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 center tie cables and low optical loss backbone riser cables.

- Available in: Low Loss: OS1a/2, OM3/4/5 Standard Loss: OS1a/2, OM1/2/3/4/5
- 8-144 core count available with 8, 12 or 24 cores MTP connector
- 2mm ruggedized tails and 900µm tails available
- Customized Tail Length and Configuration options available
- LS0H and OFNP cable jacket
- Ideal for: Internal short optical links Front panel/equipment connections Data center infrastructure Storage Area Network (SAN)
- Available with MTP or MPO connector types
- Part number generator, F.O. Configurator – MTP/X cable assemblies is available on Molex Customer Support Portal: csp.molex.com.

9 H A A A A B C D E E F F G H I I I J

Hybrid OF MTP- X Cables

8-144 Core Count

MTP Side Connector
A = 12 Fiber Low Loss Male
B = 12 Fiber Low Loss Female
C = 12 Fiber Std Loss Male
D = 12 Fiber Std Loss Female
1 = 24 Fiber Low Loss Male
2 = 24 Fiber Low Loss Female
3 = 24 Fiber Std Loss Male
4 = 24 Fiber Std Loss Female
J = 8 Fiber Low Loss Male
K = 8 Fiber Low Loss Female
L = 8 Fiber Std Loss Male
M= 8 Fiber Std Loss Female

Side Connector
0 = No Connector
1 = ST
3 = SC Simplex
9 = SC Duplex
C = SC/ACP
F = FC
G = FC/APC
L = LC Simplex
D = LC Duplex
M = Uniboot LC
N = LC/APC
D = LC Duplex
P = LC Duplex LL
Q = LC Simplex LL
R = SC Simplex LL
S = SC Duplex LL
T= ST LL
V= FC LL

Fiber Type
1 = OM1
2 = OM2
3 = OM3
4 = OM4
5 = OM5
8 = OS1a/2
9 = G.657A2

Tail length at MTP end/X end
0 = 0m*
1 = 1m
2 = 2m
3 = 3m
A = 4.5m**
B = 0.5m

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 = 2/3/5# 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

*:"0" only for MTP end with single MTP connector; for X end "0" is not an option; for multi MTP connectors can not use "0"
**: "A" only for MTP end
#: MTP end 3mm, Fanout end 2mm, 5mm for single MTP end
##Gland = M20 default, Gland O.D dependent upon cable O.D

Glands## and Pulling Eye
U = No gland, pulling eye at MTP end
V = No gland, pulling eye at X end
Z = No gland, 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
A = Gland at both ends, pulling eye at both ends

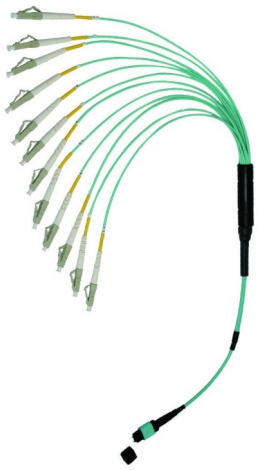
Length (meters)
001 = 1m
00A = 0.5m
00B = 1.5m
00C = 2.5m
00D = 3.5m
00E = 4.5m

Sheath Type
A = LS0H
B = Bca LS0H
C = Cca LS0H
D = Dca LS0H
E = Eca LS0H
F = Fca LS0H
R = OFNR
P = OFNP

Sheath Color
0 = Default Color:
OM1 = Orange
OM2 = Gray
OM3 = Aqua
OM4 = Erika Violet (LS0H)
OM4 = Aqua(Plenum & PVC)
OM5 = Lime Green
OS1a/2 = Yellow
A = Aqua
B = Blue
C = Red
D = Black
E = DK Gray
J = Green
K = Yellow
N = Orange
P = Pink
S = Salmon Pink
U = Purple
V = Erika Violet
W = White

Order No.	SAP No.	Description
9HAAABCDEEFFGHIIIJ	Consult Molex	Hybrid Pre-Terminated Cable Assemblies --

Pre-Terminated Solutions ModLink Fiber Plug and Play



MTP Field Tool
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MTP PRO-X Fiber Optic Cable Assembly

Molex Pro Plug and Play Advanced Fiber Optic Systems offer premium factory-controlled optical performance, enabling flexible system configuration and fast, economical installation. The MTP Pro-X fiber optic cable assembly is ideal for mission critical applications such as Data Centers and Storage Area Networks, applications where fast installation is paramount and environments where moves-adds-changes are frequent or managed in-house.

- Round, flexible outer jacket is easy to bend, route and install
- Available in different sheath types
- Industry-leading low insertion loss MTP connector optional (0.35dB Maximum Insertion Loss for Laser Optimized OM3/4/5 Cables and OS1a/2 Cables, 0.1dB Typical)
- Cables available in 8 to 144 fiber constructions
- MTP Pro-X Fiber Optic Cables are 100% tested
- Pulling eyes installed to protect the assembly during installation
- 8/12 fiber MTP Pro connector optional, polarity and pin reconfiguration in the field
- Female/male MTP Pro connector optional

9 H A A A B C D E E F F G H I I I J

Hybrid OF MTP- X Cables

8-144 Core Count

MTP Side Connector
P = 12 Fiber Low Loss Male
Q = 12 Fiber Low Loss Female
W = 8 Fiber Low Loss Male
S = 8 Fiber Low Loss Female

Side Connector
0 = No Connector
1 = ST
3 = SC Simplex
9 = SC Duplex
C = SC/ACP
F = FC
G = FC/APC
L = LC Simplex
D = LC Duplex
M = Uniboot LC
N = LC/APC
D = LC Duplex
P = LC Duplex LL
Q = LC Simplex LL
R = SC Simplex LL
S = SC Duplex LL

Fiber Type
3 = OM3
4 = OM4
5 = OM5
8 = OS1/2
9 = G.657A2

Tail length at MTP end/X end
0 = 0m*
1 = 1m
2 = 2m
3 = 3m
A = 4.5m
B = 0.5m

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 pro end 3mm, Fanout end 2mm

Glands## and Pulling Eye
U = No gland, pulling eye at MTP end
V = No gland, pulling eye at X end
Z = No gland, 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
A = Gland at both ends, pulling eye at both ends

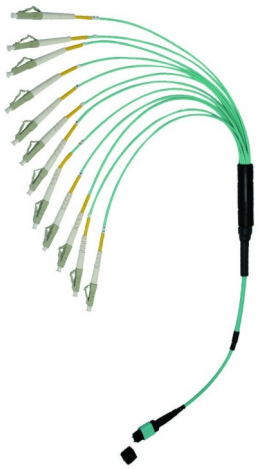
Sheath Color
0=Default
A= Aqua
B= Blue
C= Red
D= Black
E= Dark Gray
J= Green
K= Yellow
N= Orange
P= Pink
S= Salmon Pink
U= Purple
V= Erika Violet
W= White

Length (meters)
001 = 1m
00A = 0.5m
00B = 1.5m
00C = 2.5m
00D = 3.5m
00E = 4.5m

Sheath Type
A = LS0H
B = Bca LS0H
C = Cca LS0H
D = Dca LS0H
E = Eca LS0H
F = Fca LS0H
R = OFNR
P = OFNP

Order No.	SAP No.	Description
9HAABCDEEFFGHIIIJ	Consult Molex	MTP PRO-X Fiber Optic Cable Assembly

Pre-Terminated Solutions ModLink Fiber Plug and Play



MPO-X Fiber Optic Cable Assembly

Molex Plug and Play Advanced Fiber Optic Systems offer premium factory-controlled optical performance, enabling flexible system configuration and fast, economical installation. The MPO-X fiber optic cable assembly is ideal for mission critical applications such as Data Centers and Storage Area Networks, applications where fast installation is paramount and environments where moves-adds-changes are frequent or managed in-house.

- Round, flexible outer jacket is easy to bend, route and install
- Available in different sheath types
- Industry-leading low insertion loss MPO connector optional(0.35dB Maximum Insertion Loss for Laser Optimized OM3/4/5 Cables and OS1/2 Cables, 0.1dB Typical)
- Cables available in 8 to 144 fiber constructions
- MPO-X Fiber Optic Cables are 100% tested
- Pulling eyes installed to protect the assembly during installation
- 8/12/24 fiber MPO connector optional
- Female/male MPO connector optional
- Part number generator, F.O. Configurator – MTP/X cable assemblies is available on Molex Customer Support Portal: csp.molex.com.

8 H A A A B C D E E F F G H I I I J

Hybrid OF MPO-X Cables

8-144 Core Count

MPO Side Connector
A = 12 Fiber Low Loss Male
B = 12 Fiber Low Loss Female
C = 12 Fiber Std Loss Male
D = 12 Fiber Std Loss Female
1 = 24 Fiber Low Loss Male
2 = 24 Fiber Low Loss Female
3 = 24 Fiber Std Loss Male
4 = 24 Fiber Std Loss Female
J = 8 Fiber Low Loss Male
K = 8 Fiber Low Loss Female
L = 8 Fiber Std Loss Male
M= 8 Fiber Std Loss Female

X Side Connector
0 = No Connector
1 = ST
3 = SC Simplex
9 = SC Duplex
C = SC/ACP
F = FC
G = FC/APC
L = LC Simplex
D = LC Duplex
M = Uniboot LC
N = LC/APC
D = LC Duplex
P = LC Duplex LL
Q = LC Simplex LL
R = SC Simplex LL
S = SC Duplex LL
T= ST LL
V= FC LL

Fiber Type
1 = OM1
2 = OM2
3 = OM3
4 = OM4
5 = OM5
8 = OS1a/2
9 = G.657A2

Tail length at MPO end/X end
0 = 0m*
1 = 1m
2 = 2m
3 = 3m
A = 4.5m**
B = 0.5m

Tail configuration at MPO 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 = 2/3/5# 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

*:"0" only for MPO end with single MPO connector; for X end "0" is not an option; for multi MPO connectors can not use "0"
**: "A" only for MPO end
#: MPO end 3mm, Fanout end 2mm, 5mm for single MPO end
##Gland = M20 default, Gland O.D dependent upon cable O.D

Glands## and Pulling Eye
U = No gland, pulling eye at MPO end
V = No gland, pulling eye at X end
Z = No gland, no pulling eye
Y = Gland and pulling eye at MPO end
T = Gland at MPO end,pulling eye at X end
S = Gland at MPO end, no pulling eye
X = Gland at X end, pulling eye at MPO 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 MPO end
B = Gland at both ends, pulling eye at X end
C = Gland at both ends, no pulling eye
A = Gland at both ends, pulling eye at both ends

Sheath Color
0 = Default Color:
OM1 = Orange
OM2 = Gray
OM3 = Aqua
OM4 = Erika Violet (LS0H)
OM4 = Aqua(Plenum & PVC)
OM5 = Lime Green
OS1a/2 = Yellow
A = Aqua
B = Blue
C = Red
D = Black
E = DK Gray
J = Green
K = Yellow
N = Orange
P = Pink
S = Salmon Pink
U = Purple
V = Erika Violet
W = White

Length (meters)
001 = 1m
00A = 0.5m
00B = 1.5m
00C = 2.5m
00D = 3.5m
00E = 4.5m

Sheath Type
A = LS0H
B = Bca LS0H
C = Cca LS0H
D = Dca LS0H
E = Eca LS0H
F = Fca LS0H
R = OFNR
P = OFNP

Order No.	SAP No.	Description
8HAAABCDEEFFGHIIIJ	Consult Molex	MPO-X Fiber Optic Cable Assembly

Last mile challenges

Increasing demand for rapid, low-latency and high-volume communication to homes and businesses has made information distribution and delivery increasingly important.

Millions of users expecting economical high-speed connectivity represent an opportunity for operators. Passive Optical Networks (PONs) can offer a solution to these challenges.

Passive Optical Networks (PON)

Easily Scalable

Both active and passive optical networks can require electronic upgrades, but unlike active Ethernet, no upgrades are needed outside the plant. This makes it an easily scalable solution.

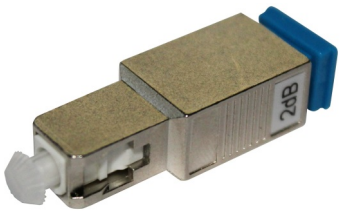
Superior Performance

Molex has a long track record of providing many of the highest performing products in the market. We deliver end-to-end solutions for next-generation optical infrastructure networks.

Design Flexibility

Molex PON products are designed on a universal platform that supports both traditional and passive networks. Network architecture can be updated without changing platforms.

Fiber Optic Solution Lightband Passive Optical Networks



Attenuator

Molex CES Fixed Attenuator family offers excellent performance with variously fixed attenuation values for industrial standard connectors. With wide operation range, low return loss, polarization insensitive and reliable, providing flexible in the PON application.

- Wide attenuation range
- Low return loss
- Polarization Insensitive
- Various connector type
- Part number generator, F.O. Configurator - PON Attenuator is available on Molex Customer Support Portal: csp.molex.com.

F O T A - A B C D D

Family - FOTA

Connector type
L = LC
S = SC

Polishing / Color
1 = UPC/Blue
2 = APC/Green

Wavelength
1=1310&1550(G.652&G.653)

Attenuation Value (dB)
Value=1 to 25

Other specifications can be made on customer request

Order No.	SAP No.	Description
FOTA-ABCDD	Consult Molex	Attenuator

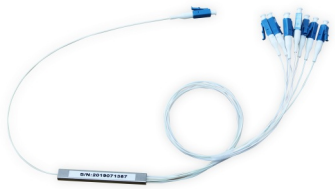
Modular Splitter Box

Modular Splitter Box is a component that splits the optical light power from one route into different routes. Molex Modular PLC Splitter Box offers premium factory controlled optical performance on a variety of connectors that enable fast, economical installation.

- Wide Operating Wavelength Range: 1260-1650nm
- Low PDL
- Low Insertion Loss
- Excellent Channel IL Uniformity
- Compact Size
- 6-PAK footprint, compatible with Molex CES existing platform

Order No.	SAP No.	Description
FSA-00055	183670001	Splitter Box 1 X 8 SC SM Low Loss
FSA-00056	183670002	Splitter Box 2Pcs 1 X 8 LC SM Low Loss
FSA-00057	183670003	Splitter Box 1 X 8 SC GRN APC SM Low Loss
FSA-00058	183670004	Splitter Box 2Pcs 1 X 8 LC GRN APC SM Low Loss

Fiber Optic Solution Lightband Passive Optical Networks



PLC Splitter

PLC Splitter is a component that splits the optical light power from one route into different routes. Molex PLC Splitter offers premium factory controlled optical performance on a variety of connectors that enable fast, economical installation.

- Wide operating wavelength range: 1260-1650nm
- Low PDL
- Low Insertion Loss
- Excellent channel IL uniformity
- Compact size
- High stability and reliability
- Part number generator, F.O. Configurator - PLC Splitter is available on Molex Customer Support Portal: csp.molex.com.

M P L C X X X X X X X X X X

Family - MPLC

Type
1 = 1 x 2
2 = 1 x 4
3 = 1 x 8
4 = 1 x 16
5 = 1 x 32
6 = 1 x 64
A = 2X4
B = 2X8
C = 2X16
D = 2X32
E = 2X64

A End Connector
0= None
L= LC/UPC
N = LC/APC
3= SC/UPC
C= SC/APC

B End Connector
0 = None
L = LC/UPC
N = LC/APC
3 = SC/UPC
C = SC/APC

Jacket Material
1= PVC
2= LS0H
3= Plenum

A End Tail
1 = 250µm Simplex
2 = 900µm Simplex
3 = 2.0mm Simplex

A End Tail Length
B = 0.5m
1 = 1 m
C = 1.5m
2 = 2m

B End Tail
1 = 250µm Simplex
2 = 900µm Simplex
3 = 2.0mm Simplex

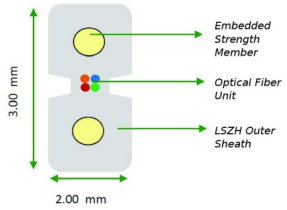
B End Tail Length
B = 0.5m
1 = 1m
C = 1.5m
2 = 2m

Jacket Color
0 = Default Color:
SM = White
A = Aqua
B = Blue
C = Red
E = Dk Gray
F = Brown
G = Lime Green
J = Green
L = Beige
N = Orange
P = Pink
S = Salmon Pink
U = Purple

Polish
0 = Standard loss
L = Low loss

Order No.	SAP No.	Description
MPLCXXXXXXXXXX	Consult Molex	PLC Splitter

Fiber Optic Solution Lightband Passive Optical Networks



1-4 Fiber All Dielectric 250µm FTTH Flat Drop Cable

The Molex All Dielectric Flat Drop Cable consists of 1-4 250µm individually colored optical fibers with fiber reinforced plastic (FRP) strength members and Low Smoke Zero Halogen (LS0H) jacket.

- Choice of fiber types
- Individually colored optical fibers
- Notched construction for easy stripping
- White LS0H jacket for internal use
- Internal FTTH applications - horizontal and riser

A F O D I X X X X X X X X-X

Family

Cable Type
DI = Indoor Flat Drop Cable

No. Fibers
XXX*-X Fiber
001 -1 Fiber
002 - 2 Fiber
004 - 4 Fiber

Fiber Type
NBI = OS1/2 (SM) non-BI (LS0H)
OM3 = OM3
OM4 = OM4
OM2 = OM2
OM1 = OM1
7A1 = Singlemode (G657.A1)
7A2 = Singlemode (G657.A2)
OS2 = Singlemode (LS0H G652 D)

Jacket Material
1 = PVC
2 = LS0H
3 = Plenum

Jacket Color:
0 = Default
OM1 = MM Orange
OM2 = MM Gray
OM3 = MM Aqua
OM4 = MM Erika Violet (LS0H)
OM4 = MM Aqua (Plenum)
OM4 = MM Aqua (PVC)
SM = Yellow

Special Code
Blank = Default (none)
I = Only applicable for India supply
Applicable to EU cables only:
A = Aca
B = Bca
C = Cca
D = Dca
E = Eca
F = Fca

e.g. 1 Fiber Indoor FTTH Flat Drop Cable, G657A1, LS0H = AFODI0017A120

Order No.	SAP No.	Description
AFODI XXX XXX X X-X	Consult Molex	1 Fiber All Dielectric 250µm FTTH Flat Drop Cable

Fiber Optic Solution Lightband Passive Optical Networks

Wall-Mounted Steel Enclosure

This secure wall-mounted steel enclosure has 12 ports that can accomodate 24 fiber DSC/48 fiber QLC in a minimum of space. Its design guarantees that all of the media will be protected and proper fiber bend radius is maintained.

- Up to 48 fibers
- Accepts SC Duplex and Quad LC Adapters
- Fully secured with lockable and secured steel doors
- Comes with multiple cable entries on the top and bottom for ease of cabling
- Protected front labeling feature for additional panel or port identification
- Robust cable management shelf ensures bend radius compliance
- Global hardware kit included
- Supports FTTX application
- Suitable for use as a transition box, enabling the transition of up to 72 cores of fiber (via splicing only), from outdoor type fiber to indoor type fiber

Order No.	SAP No.	Description
WFR-00069	180970157	Enclosure Wallmount 24DSC Fiber Box, Adapter&Pigtail Loaded, SM, OS2
WFR-00070	180970158	Enclosure Wallmount 48QLC Fiber Box, Adapter & Pigtail Loaded, SM, OS2
WFR-00066	180970139	Enclosure Wallmount 2/16P Simplex SC/Duplex LC Unloaded FTTX Fiber Box
WFR-00068	180970142	Enclosure Wallmount Splitter Box Unloaded FTTX

WFR-00065
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Dome Outdoor Fiber Optic Splice Enclosure

Molex CES dome type outdoor fiber optic splice enclosure used for optical fiber cable splicing and protection in outdoor environment. With wide capability range from 48 to 576 fibers, IP68 protection.

- Wide capability range 12-576 fibers
- Various choice based on fiber counts
- IP68 protection
- Compact size
- High reliable
- Wall Mount, aerial hanger or pole hold

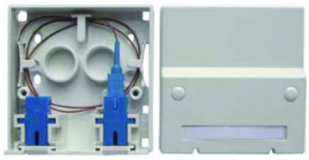
Order No.	SAP No.	Description
WFR-00073	180970159	120 Fiber Dome Outdoor Fiber Optic Splice Enclosure
WFR-00074	180970160	144 Fiber Dome Outdoor Fiber Optic Splice Enclosure
WFR-00077	180970163	288 Fiber Dome Outdoor Fiber Optic Splice Enclosure
WFR-00078	180970164	48 Fiber Dome Outdoor Fiber Optic Splice Enclosure
WFR-00079	180970166	576 Fiber Dome Outdoor Fiber Optic Splice Enclosure

In-Line Type Outdoor Fiber Optic Splice Enclosure

Molex CES In-Line type outdoor fiber optic splice enclosure used for optical fiber cable splicing and protection in outdoor environment. Wide capability range from 12 to 120 fibers, IP65 protection.

- Wide capability range 12-120 fibers
- Various choice based on fiber counts
- IP65 protection
- Compact size
- High reliable
- Wall mount or aerial hanger

Order No.	SAP No.	Description
WFR-00075	180970161	48 Fiber In-Line Outdoor Fiber Optic Splice Enclosure
WFR-00076	180970162	144 Fiber In-Line Outdoor Fiber Optic Splice Enclosure



2 Port Fiber Wall Outlet

The Molex Fiber outlet is available with 2 ports. It is modular and loaded with Single Mode Simplex Couplers.

- Applicable for FTTH, FTTO and FTTD applications
- Wall outlet with 2 positions SC Simplex with shutters
- 4 different cable entries
- Label for marking included

Order No.	SAP No.	Description
AFR-00549	180600323	2 Port Fiber Wall Outlet, Unloaded, White

Fiber Optic Solution Lightband Passive Optical Networks

Fiber Optic Cross Connection Outdoor Cabinet

Outdoor optical equipment that is designed for outdoor optical nodes in access networks.

- High intensity and anti-erosion performance
- Able to counter abrupt climate change and extreme environment
- Capacity can be flexibly customized as required
- Installation is quick and convenient
- Built-in direct splice unit is capable for providing direct connection function
- Perfect design of fiber wiring routing could facilitate management and maintenance of fibers
- With secure and reliable fastening and grounding protection devices for the optic fiber
- Applicable to strap-shaped and non-strap shaped fibers

Order No.	SAP No.	Description
RAA-00388	181020366	Fiber Optic Cross Connection Outdoor Cabinet, 288F
RAA-00389	181020367	Fiber Optic Cross Connection Outdoor Cabinet, 576F
RAA-00390	181020368	Fiber Optic Cross Connection Outdoor Cabinet, 144F

Flexibility in the work area

A zone cabling architecture provides flexibility and scalability to network cabling designs. In high churn, constantly evolving open offices, education facilities, auditoria or multi-tenancy workplaces, this approach optimizes space, provides floor level MACs and enables easier location, management and maintenance of the network cabling system.

Zone Enclosures & Consolidation Points

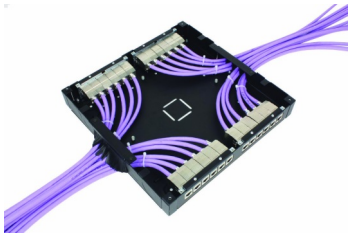
In-Ceiling Enclosures

Robust and versatile products designed to house passive and active network equipment in a conveniently located, drop/suspended ceiling space to service a local work area or zone.

Under-Floor Enclosures

Easy-access multi-media enclosures which accommodate up to 24 copper ports, 48 fiber splices or 96 MTP/MPO fibers.

Zone Enclosures



Adapter Plates
Page 43

Zone Enclosure for Raised / Access Floor Installations

An easy-access multi-media Zone Enclosure which accommodates up to 24 copper ports, 48 fiber splices or 96 MTP/MPO fibers, designed for raised/access floor zone cabling installations. A cost-effective, robust and versatile product designed to support in moves, adds and changes in frequently changing enterprise and education environments.

- Designed specifically for 600mm x 600mm or 2ft x 2ft raised / access floor grid installations
- Interchangeable mounting plates for copper or fiber installation options
- Chassis features cable-tie anchor points for correct routing and securing of cable
- Top access cover plate offers convenient copper bundle handling with brush strip protection for dust and debris ingress reduction

Order No.	SAP No.	Description
CPT-00054	180080086	Zone Enclosure Chassis (unloaded) with cover, black
CPT-00056	180080089	Cable Management Plate with brush strip and fiber cable apertures, black
CPT-00057	180080090	12 Port DataGate Jack Plate unloaded, black
CPT-00058	180080091	2 Aperture Carrier Plate, unloaded, black (accepting 2x12F Loaded Adapter Plates, supplied separately)
Accessories		
AFR-00470	180600217	Universal Splice Tray, 24 Fiber with built in Cable Management, 1U Global Enclosure (Self Adhesive, 2 x 12F trays per pack)
AFR-00816	180690062	Universal Splice Tray, 24 Fiber with built in Cable Management, 1U Global Enclosure (Self Adhesive, 1 x 12F trays per pack)
KFR-00053	182680049	Self-Adhesive Cable Management Hub (2 pcs), Black
KFR-00052	182680048	Fusion Splice Holder 24 Fiber

Zone Enclosure for In-Ceiling Installations

The In-Ceiling Zone Enclosure is a robust, and versatile product designed to house passive and active network equipment in a conveniently located, drop/suspended ceiling space to service a local work area or zone. The product sits flush in a 600mm x 600mm/2ft x 2ft drop/suspended ceiling grid. The locking outer door allows access to the pull-down network equipment platform.

- Accommodates up to 48 copper ports or up to 96 fiber splices or MTP/MPO fibers and active equipment
- Manufactured from aluminum with a steel network platform. The access door is finished in white powder coat
- Lockable for network equipment security
- Network equipment platform incudes 19” equipment mounting rails, allowing 5U of capacity including an integral cable management plate for the support of incoming and outgoing cable bundles
- Can accommodate a fan unit for efficient cooling. Fan unit supplied separately

Order No.	SAP No.	Description
CPT-00055	18008088	In-Ceiling Zone Enclosure
Accessories		
RAA-F-1W	181040122	Fan Unit 230V
RAA-00392	180150013	Fan Unit 115V (UL certified)
CMA-00113	180150012	Spare Key (1)
CMA-00114	180140065	Cable Entry Grommets (Pk of 4)
CMA-00115	180140066	Spare Fabric Filters (Pk of 3)

Wiring closet management

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

Robust Construction

Robust construction to ensure durability even under harsh treatment.

Flexibility

Available in different ring sizes for different cable densities. Flexible rings for convenient operation.

High Density Patching

Designed to manage high-volume, high density patching. 1U and 2U versions available.

Cable Management Solutions

Cable Management Rings

Cable Management Rings are designed to speed cable dressing during an installation or change and to provide an organized format for system maintenance.

- 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

Order No.	SAP No.	Description
25.B0284	180310014	1U Side Ring
25.B0364	180310015	1U Side Ring Deep
25.B0424	180310017	2U Side Ring
25.C0015B	Consult Molex	Double Density Cable Management Ring

Ring Run Panels

Keeping server racks & patch cabinets tidy & manageable is made easier with cable management bars & rings.

- 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.B016-04	181080001	1U Ring Run Panel
25.B035-04	181080002	1U Deep Ring Run
25.A029-04	Consult Molex	Brush Tidy Cable Management Panel - Black*
25.C001-04	181050044	Panel 1U with cover

* Available in Metric and Imperial fixings. Consult Molex to order

Horizontal Ring Run with Hinged Cover

The Horizontal Ring Run with Hinged Cover is designed to manage high-volume, high-density patching, providing a neat and tidy finish.

- Designed to manage high-volume, high density patching
- Flexible finger guides protect the cables entering and exiting the ring run panels
- 1U and 2U versions available

Order No.	SAP No.	Description
CMA-00085	181050006	1U Horizontal Cable Manager
CMA-00087	181050008	2U Horizontal Cable Manager

2U Horizontal Cable Management Panels

Cable Management Panels provide cable dressing during installation or changes and provide an organized format for system maintenance. Panels are comprised of black Lexan rings mounted on graphite grey powdercoat panels and include mounting screws and washers.

- 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

Multi-media connectivity

Additional solutions from Molex to enhance your connectivity, providing voice termination cabling to multi-media audio & video modules. These flexible products enable you to cost-effectively deliver multi-media connectivity to your office or campus.

Additional Solutions

Outlet Configurations

With a vast range of outlet mounting platforms that cover C5e, C6, C6A and audio/visual as well as optical fiber, Molex is able to deliver an integrated communications suite.

Voice

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.

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
- Color coded pairs for ease of termination

Order No.	SAP No.	Description
95.C090	Consult Molex	25 Pair Category 5 UTP Cable, 24 AWG, PVC, Gray, 500m

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
- Color coded pairs for ease of termination

Order No.	SAP No.	Description
39-125	180480001	25 Pair Category 3 UTP Cable, PVC - Gray
CAA-00002	182080082	50 Pair Category 3 UTP Cable, 24 AWG, PVC, 305m - Cream
39.B0180	180480012	100 Pair Category 3 UTP Cable, PVC - Gray
CAA-00396	183180032	10 Pair Category 3 Voice Cable, PVC, Cream, 305m
CAA-00397	183180033	20 Pair Category 3 Voice Cable, PVC, Cream, 305m

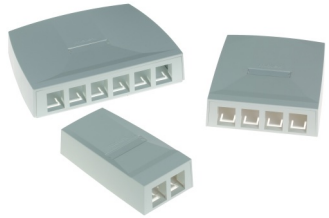
1U 50 Port Voice Patch Panel 2 Pair RJ45

Molex 50 Port Voice Patch Panel is designed to support 4, 25 or 50 Pair UTP cables in a voice backbone. The LSA-style IDC to RJ45 jack assemblies allow for patching of up to 50 ports in 1U, using standard UTP RJ45 patch cords. Finished in black, this panel is a cost-effective solution for voice transmission over 2 pairs (3,6 and 4,5). The rear cable management tray provides cable strain relief and an earthing connection point (earthing strap not included).

- High density 50 Ports in 1U
- Easy to terminate LSA-style IDC
- Termination using LSA 2A termination tool
- Patching with standard RJ45 UTP patch cords
- 2 Pair voice transmission over pairs 3,6 and 4,5
- Robust rear cable management for cable strain relief

Order No.	SAP No.	Description
PID-00145-04	181960059	1U 50 Port Voice Patch Panel 2 Pair RJ45 Black

Outlet Configuration Solutions



Synergy Surface Mount Box

The PowerCat Synergy Surface Box is ideal for use in open office cabling. The 2, 4 and 6 port boxes are supplied unloaded and accept the DataGate Jack and Synergy Single Position Modules. The single port versions ship loaded with the DataGate Jack. Synergy Surface Boxes offer simple and organized 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 color coded for site-specific network administration using connector icon labels.

- Stylish design
- Simple, organized cable entry and installation
- Screw fixing
- Clear and concise labeling
- DataGate Jack & Synergy Module compatible

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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

Synergy 86mm x 86mm Wallplates

Low-profile wallplate for inconspicuous network connection, featuring rear loading to reduce tampering. Single gang, 86x86mm with clear concise labeling.

- Available in five colors
- Accommodates UTP & FTP DataGate jacks
- Accommodates UTP & FTP MOD-Clip DataGate jacks
- Accommodates SC, LC, ST and MT-RJ single bezel fiber modules
- Accommodates Media Configurable modules

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

* Color Options - 1 = Almond, 2 = White, 4 = Black, 5 = Ivory, 8 = Light Gray

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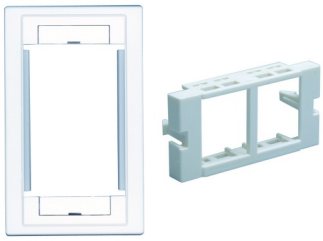

USO II Wallplate & Bezel

The USO II Bezels and corresponding modules are part of a complete line of office outlets and rack mount products. The bezels are constructed of ABS plastic, are available in four colors, and house a variety of RJ, RCA, Dtype, coax, and fiber optic modules. Each bezel comes with mounting screws, clear label holder(s), and color matched screw covers and are available with either alphabetic icons (A-F) or telcom icons (phone, fax, etc.)

- 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 fiber modules
- Accommodates Media Configurable modules
- Single Gang - 114mm x 70mm x 15mm
- Double Gang - 114mm x 114mm x 15mm
- Low profile for inconspicuous network connecting
- Clear concise labeling
- Four colors available

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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

* Color Options - 1 = Almond, 2 = White, 4 = Black, 5 = Ivory, 8 = Light Gray

Outlet Configuration Solutions

Contura Wallplate

The Molex modular wall outlet range Contura was designed to combine aesthetics with functionality and to support a growing requirement for shielded cabling systems. The contemporary design of the products is ideal for the modern office and provides the user with the flexibility of installing as many modules as required.

- 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

Order No.	SAP No.	Description
WGB-00001-02	181770083	Contura Single Gang Wallplate (includes grid plate), White - Unloaded
WGB-00002-02	181770084	Contura Double Gang Wallplate (includes grid plate), White - Unloaded
MGB-00002-02	181770216	Contura Blank Module - White

Euromod Wallplates

The Euromod wallplate system provides a flexible and versatile method of installation. Available in single and doublegang versions.

- Available in white only
- Flexible and versatile method of installation
- Available with or without labeling facility
- Accommodates Euromod modules
- Three Port 71mm x 114mm aperture size
- Single Gang 50mm x 50mm aperture size
- Double Gang 50mm x 100mm aperture size
- Low profile design

Order No.	SAP No.	Description
17-0111-02	181390001	Euromod Single Gang Wall Plate(with label facility) 86 x 86mm White
17-0112-02	181390002	Euromod Double Gang Wall Plate (with label facility) 86 x 145mm White
17-0412-02	180060060	Euromod Quarter (12.5 x 50mm) Blank - White
17-0413-02	181370005	Euromod Half (25 x 50mm) Blank - White
17-0414-02	180060062	Euromod Full (50 x 50mm) Blank - White
17.C0012	181770001	Unlabelled Three Port Euromod Wallplate, 114mm x 71mm x 9mm - Unloaded
17-0101-02	Consult Molex	Euromod Single Gang Wallplate, 50mm x 50mm, No Labeling Facility

Euromod Modules
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MOD-SNAP Wallplates

The MOD-SNAP system of wallplates provides a flexible wall outlet solution allowing the fitment of as many 38.5mm x 22mm MOD-SNAP voice or data outlets as necessary. The single gang wallplate is available with one or two apertures and the double gang wallplate with four apertures. Any combination of voice or data modules can be fitted. In addition a blank module is available to fill in any apertures not currently required in the system, facilitating simple and convenient future expansion. The polished face of these wallplates offers quality finish, ideal for office installations.

- Available in white only
- Flexible and versatile method of installation
- Accommodates MOD-SNAP modules
- Single Gang Wallplate: 50mm x 50mm
- Double Gang Wallplate: 50mm x 100mm

Order No.	SAP No.	Description
MMS-00014-02	Consult Molex	MOD-SNAP Blank Module - White
42-311-02	181400006	MOD-SNAP Single Gang, Single Aperture, 86mm x 86mm - Unloaded
42-312-02	181400005	MOD-SNAP Single Gang, Double Aperture, 86mm x 86mm - Unloaded
42-314-02	181400008	MOD-SNAP Double Gang, 4 Aperture, 86mm x 146mm - Unloaded

MOD-SNAP
Modules
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AU Iconic Face Plate Bezel

The AU Iconic Face Plate Bezel enables the PowerCat 6A DataGate Jack with Universal Shutter (KSJ-00096-**) to be inserted into the Clipsal Pro and Iconic Series Face Plates. The bezel allows the Jack to be inserted from any direction into the Face Plate. A terminated Jack should be plugged into the bezel until it securely locks in place. The face plate and cover are then attached to the outlet.

- The bezel can be loaded from the front of the plate
- The jack can be inserted with a 90° increment
- The jack allows cable entry from the top, left, or right of the jack
- The bezel's quick latch allows for easy insert and locking of the jack to the bezel for a straightforward installation

Order No.	SAP No.	Description
MOF-00015	180060164	AU Iconic Face Plate Bezel - white (Bag of 25)
MOF-00015-BK	180060165	AU Iconic Face Plate Bezel - black (Bag of 25)
DataGate Jack		
KSJ-00096-**	Consult Molex	C6A Shielded DataGate Jack 568A/B Universal Shutter

Insert color code in place of ** in part number when ordering jacks: 01=Almond, 02=White, 04=Black, BL=Blue, 08=Gray, GR=Green, 05=Ivory, RG=Orange, PP=Purple, RD=Red, YL=Yellow, PK=Pink

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

Order No.	SAP No.	Description
ADA-00004	180060065	Standard Keystone Category 5e 8 wire Feed Through Adapter - Black

Audio & Video Modules

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

- 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

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-00036-0*	Consult Molex	Single Position BNC Coupler Module

* Color Options - 1 = Almond, 2 = White, 5 = Ivory, 4 = Black , 8 = Light Gray

PowerCat Unloaded DataGate Panels

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 labeling
- Individually removable patch panel ports
- Removable cable management shelves ensure 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 Flat 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)

* Color Options - 2 = White, 4 = Black

Keystone Patch Panel

The Molex Keystone panel provides an unloaded panel that can be loaded with the Molex 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 labeling 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	182960014	24 Port Keystone Jack Patch Panel 1U Unloaded - Metric fixing kit
PID-00289	182960027	48 Port Keystone Jack Patch Panel 2U Unloaded - Metric fixing kit
PID-00210-04	180810047	24 Port Keystone Jack Patch Panel 1U Unloaded
KSJ-00064-**	Consult Molex	Keystone Blank
CSP-00039	181170026	Spare Fixing Kit for PID-00257 or PID-00289 includes both Metric and Imperial Fittings

** Color Options: 02 =White, 04 = Black

Keystone Jack
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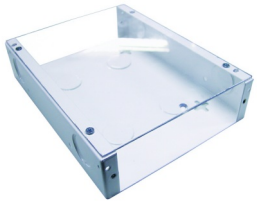
Universal System Patch Panel (UPS)

The Universal System Patch Panel (USP) is an unloaded panel that can be loaded with data, fiber 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 fiber modules

Order No.	SAP No.	Description
PUS-00009	180090006	32 Port Universal System Patch Panel - Unloaded, 2U
PUS-00010	180090007	48 Port Universal System Patch Panel - Unloaded, 3U



Multimedia Tamper Proof Enclosure - Defence Muto

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 fiber 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 fiber 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 fiber modules
- Low profile for Inconspicuous Network Connecting
- Rear loading jacks to reduce tampering
- Tamper proof clear cover
- Available in various colors

Order No.	SAP No.	Description
Enclosures, Unloaded		
WFR-00048-**	Consult Molex	6 Port Multimedia Tamper Proof Enclosure - Unloaded
WFR-00054-**	Consult Molex	24 Port Multimedia Tamper Proof Enclosure - Unloaded
WFR-00049-**	Consult Molex	6 Port Multimedia Tamper Proof Enclosure Faceplate - Unloaded
WFR-00051-**	Consult Molex	12 Port SM/MM Multimedia Tamper Proof Enclosure Faceplate - Unloaded
WFR-00055-**	Consult Molex	Adapter Plate Blank
Loaded Adapter Plates - SC Duplex, Shuttered, Riveted		
WFR-00050-RD-BG	180970085	12F Faceplate - Duplex OM1/2 - Red / Beige
WFR-00050-RD-AQ	180970127	12F Faceplate - Duplex OM3/4 - Red / Aqua
WFR-00050-RD-EV	180970128	12F Faceplate - Duplex OM4 - Red / Erika Violet
WFR-00050-RD-BL	180970144	12F Faceplate - Duplex Singlemode - Red / Blue
WFR-00050-RD-GR	180970146	12F Faceplate - Duplex APC Singlemode - Red / Green
WFR-00050-RD-LG	180970148	12F Faceplate - Duplex OM5 - Red / Lime Green
Loaded Adapter Plates - SC Duplex, Shuttered, Riveted - White		
WFR-00050-WH-BG	180970086	12F Faceplate - Duplex OM1/2 - White / Beige
WFR-00050-WH-AQ	180970123	12F Faceplate - Duplex OM3/4 - White / Aqua
WFR-00050-WH-EV	180970124	12F Faceplate - Duplex OM4 - White / Erika Violet
WFR-00050-WH-BL	180970145	12F Faceplate - Duplex Singlemode - White / Blue
WFR-00050-WH-GR	180970147	12F Faceplate - Duplex APC Singlemode - White / Green
WFR-00050-WH-LG	180970149	12F Faceplate - Duplex OM5 - White / Lime Green
Loaded Adapter Plates - SC Duplex, Shuttered, Riveted - Pink		
WFR-00050-PK-BG	180970181	12F Faceplate - Duplex OM1/2 - Light Pink / Beige
WFR-00050-PK-AQ	180970182	12F Faceplate - Duplex OM3/4 - Light Pink / Aqua
WFR-00050-PK-EV	180970183	12F Faceplate - Duplex OM4 - Light Pink / Erika Violet
WFR-00050-PK-BL	180970184	12F Faceplate - Duplex Singlemode - Light Pink / Blue
WFR-00050-PK-GR	180970185	12F Faceplate - Duplex APC Singlemode - Light Pink / Green
WFR-00050-PK-LG	180970186	12F Faceplate - Duplex OM5 - Light Pink / Lime Green
Loaded Adapter Plates - SC Duplex, Shuttered, Riveted - Blue		
WFR-00050-BL-BG	180970187	12F Faceplate - Duplex OM1/2 - Sky Blue / Beige
WFR-00050-BL-AQ	180970188	12F Faceplate - Duplex OM3/4 - Sky Blue / Aqua
WFR-00050-BL-EV	180970189	12F Faceplate - Duplex OM4 - Sky Blue / Erika Violet
WFR-00050-BL-BL	180970190	12F Faceplate - Duplex Singlemode - Sky Blue / Blue
WFR-00050-BL-GR	180970191	12F Faceplate - Duplex APC Singlemode - Sky Blue / Green
WFR-00050-BL-LG	180970192	12F Faceplate - Duplex OM5 - Sky Blue / Lime Green
Loaded Adapter Plates - SC Duplex, Shuttered, Riveted - Yellow		
WFR-00050-YL-BG	180600605	12F Faceplate - Duplex OM1/2 - Yellow / Beige
WFR-00050-YL-AQ	180600606	12F Faceplate - Duplex OM3/4 - Yellow / Aqua
WFR-00050-YL-EV	180600607	12F Faceplate - Duplex OM4 - Yellow / Erika Violet
WFR-00050-YL-BL	180600608	12F Faceplate - Duplex Singlemode - Yellow / Blue
WFR-00050-YL-GR	180600609	12F Faceplate - Duplex APC Singlemode - Yellow / Green
WFR-00050-YL-LG	180600610	12F Faceplate - Duplex OM5 - Yellow / Lime Green
Loaded Adapter Plates - LC Duplex, Shuttered, Riveted - Red		
WFR-00052-RD-BG	180970089	12F Faceplate - Duplex OM1/2 - Red / Beige
WFR-00052-RD-AQ	180970129	12F Faceplate - Duplex OM3/4 - Red / Aqua
WFR-00052-RD-EV	180970130	12F Faceplate - Duplex OM4 - Red / Erika Violet
WFR-00052-RD-BL	180970150	12F Faceplate - Duplex Singlemode - Red / Blue
WFR-00052-RD-GR	180970152	12F Faceplate - Duplex APC Singlemode - Red / Green
WFR-00052-RD-LG	180970154	12F Faceplate - Duplex OM5 - Red / Lime Green
Loaded Adapter Plates - LC Duplex, Shuttered, Riveted - White		
WFR-00052-WH-BG	180970090	12F Faceplate - Duplex OM1/2 - White / Beige

Order No.	SAP No.	Description
WFR-00052-WH-AQ	180970125	12F Faceplate - Duplex OM3/4 - White / Aqua
WFR-00052-WH-EV	180970126	12F Faceplate - Duplex OM4 - White / Erika Violet
WFR-00052-WH-BL	180970151	12F Faceplate - Duplex Singlemode - White / Blue
WFR-00052-WH-GR	180970153	12F Faceplate - Duplex APC Singlemode - White / Green
WFR-00052-WH-LG	180970155	12F Faceplate - Duplex OM5 - White / Lime Green
Loaded Adapter Plates - LC Duplex, Shuttered, Riveted - Plnk		
WFR-00052-PK-BG	180970195	12F Faceplate - Duplex OM1/2 - Light Pink / Beige
WFR-00052-PK-AQ	180600603	12F Faceplate - Duplex OM3/4 - Light Pink / Aqua
WFR-00052-PK-EV	180970176	12F Faceplate - Duplex OM4 - Light Pink / Erika Violet
WFR-00052-PK-BL	180970196	12F Faceplate - Duplex Singlemode - Light Pink / Blue
WFR-00052-PK-GR	180970197	12F Faceplate - Duplex APC Singlemode - Light Pink / Green
WFR-00052-PK-LG	180970198	12F Faceplate - Duplex OM5 - Light Pink / Lime Green
Loaded Adapter Plates - LC Duplex, Shuttered, Riveted - Blue		
WFR-00052-BL-BG	180970199	12F Faceplate - Duplex OM1/2 - Sky Blue / Beige
WFR-00052-BL-AQ	180970200	12F Faceplate - Duplex OM3/4 - Sky Blue / Aqua
WFR-00052-BL-EV	180970201	12F Faceplate - Duplex OM4 - Sky Blue / Erika Violet
WFR-00052-BL-BL	180970202	12F Faceplate - Duplex Singlemode - Sky Blue / Blue
WFR-00052-BL-GR	180970203	12F Faceplate - Duplex APC Singlemode - Sky Blue / Green
WFR-00052-BL-LG	180970204	12F Faceplate - Duplex OM5 - Sky Blue / Lime Green
Loaded Adapter Plates - LC Duplex, Shuttered, Riveted - Yellow		
WFR-00052-YL-BG	180600612	12F Faceplate - Duplex OM1/2 - Yellow / Beige
WFR-00052-YL-AQ	180600613	12F Faceplate - Duplex OM3/4 - Yellow / Aqua
WFR-00052-YL-EV	180600614	12F Faceplate - Duplex OM4 - Yellow / Erika Violet
WFR-00052-YL-BL	180600615	12F Faceplate - Duplex Singlemode - Yellow / Blue
WFR-00052-YL-GR	180600616	12F Faceplate - Duplex APC Singlemode - Yellow / Green
WFR-00052-YL-LG	180600617	12F Faceplate - Duplex OM5 - Yellow / Lime Green
Adapter Plates - Internal Shuttered, LC - Red		
WFR-00084-RD-BL	180600627	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Blue
WFR-00085-RD-LG	180600628	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Lime Green
WFR-00119-RD-AQ	180600625	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Aqua
WFR-00120-RD-EV	180600626	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Erika Violet
Adapter Plates - Internal Shuttered, LC - White		
WFR-00086-WH-AQ	180600629	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Aqua
WFR-00087-WH-EV	180600630	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Erika Violet
WFR-00088-WH-BL	180600631	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Blue
WFR-00089-WH-LG	180600632	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Lime Green
Adapter Plates - Internal Shuttered, LC - Pink		
WFR-00090-PK-AQ	180600633	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Aqua
WFR-00091-PK-EV	180600634	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Erika Violet
WFR-00092-PK-BL	180600635	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Blue
WFR-00093-PK-LG	180600636	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Lime Green
Adapter Plates - Internal Shuttered, LC - Blue		
WFR-00094-BL-AQ	180600637	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Aqua
WFR-00095-BL-EV	180600638	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Erika Violet
WFR-00096-BL-BL	180600639	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Blue
WFR-00097-BL-LG	180600640	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Lime Green
Adapter Plates - Internal Shuttered, LC - Yellow		
WFR-00098-YL-AQ	180600641	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Aqua
WFR-00099-YL-EV	180600642	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Erika Violet
WFR-00100-YL-BL	180600643	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Blue
WFR-00101-YL-LG	180600644	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Lime Green
Blank Adapter Plates		
WFR-00055-WH	180970094	Blank Adapter Plate - White
WFR-00055-RD	180970095	Blank Adapter Plate - Red
WFR-00055-PK	180970205	Blank Adapter Plate - Pink
WFR-00055-BL	180970206	Blank Adapter Plate - Blue
WFR-00055-YL	180600618	Blank Adapter Plate - Yellow

** Enclosure & Faceplate Color Options: RD = Red, WH = White, YL = Yellow, PK = Light Pink, BL = Sky Blue

Multi User Telecommunications Outlet (MUTO)

The Multi User Telecommunications Outlet (MUTO) is the ideal solution for high-density fiber 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 Fiber 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 Fiber Modules

Order No.	SAP No.	Description
CPT-00004	180080020	Multi User Telecommunications Outlet (MUTO)

Fiber Modules
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Installation equipment

Installation begins with the right tools and ends with the right tests. Molex termination tools and testers are designed to help you install both copper and fiber systems easily and efficiently.

Tools & Testers

Termination Tools

Installation starts with having the right tool. Molex termination tools offer faultless termination for DataGate Jacks and Keystone Jacks.

Testers

Molex's range of continuity testers is the mainstay of any installer's toolkit. This industry favorite is known for its long life and reliable performance.

Rugged and Reliable

Long-lasting, durable tools that will provide reliable operation time and again.

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 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 and Keystone jacks) or the C6A Termination Head (for termination of the C6A shielded DataGate jacks) is fitted. Operation is simple and efficient. The jack is placed over the wires 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 wires that are firmly and accurately seated and neatly trimmed, in one simple operation.

- Designed specifically for the DataGate, 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
- MOD-Clip 4 Pair Termination Tool is compatible with UTP MOD-Clip C6 Jacks only. C6A MOD-Clip jacks are terminated using the DataGate tool

Order No.	SAP No.	Description
31.0011	182520002	4 Pair Termination Tool Frame C6A FTP - DataGate Only
31.0010	182520001	4 Pair Termination Tool Frame, C5e/C6 UTP - MOD-Clip Jack only
31.0012	182520003	Termination Head C5e/C6 UTP
31.0015	182520015	Termination Head C6A FTP

Keystone Jack C6A UTP 4 Pair Termination Tool

The Keystone Jack C6A UTP 4 Pair Termination Tool designed specifically for compatibility with the the Gen II C6A UTP jack. The tool is a robust, reliable product offering fast, fault-less gas-tight termination of all four pairs of solid cable simultaneously. The C6A UTP Keystone Jack Gen II Termination tool is supplied with a cutting blade module installed and a spare replacement blade module.

- Fast, fault-less termination
- Cutting blade and spare supplied with each tool for long termination life
- Ergonomic tool handle design for comfortable repeat operation

Order No.	SAP No.	Description
31.0016	182520017	Keystone Jack C6A UTP 4 Pair Termination Tool

C6A UTP
Keystone Jack
Page 8

SLT3S Tester

The SLT3S Tester is a rugged, lightweight product designed to verify the integrity of 1, 2, 3, and 4 pair UTP and FTP 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

Order No.	SAP No.	Description
33-100	180390001	SLT3 Tester (Master and Slave Units) with 9 Volt battery - UTP only
33.B0020	180390005	SLT3 UTP Tester with Carry Case
33A-100-10	180390011	SLT3S Tester (Master and Slave Units) with 9 Volt battery, UTP and Shielded

MTP PRO Polarity/Pin Removal Field Tool and Pin Exchanger

The MTP PRO design is focused on simplicity and reliability to ensure a quick and effective method for pin configuration without the need to remove the housing or handle loose pins.

- Robust tool for easy pin change process
- Factory color designated pin clamp for easy identification
- Reusable color designated Pin Exchanger for safe handling of pins
- Reliable pin retention force exceeding IEC requirement of 19.6N
- No handling of loose pins
- No housing removal necessary

Preterminated leads
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Order No.	SAP No.	Description
AFR-00817	182540026	MTP Pro Field Tool
AFR-00820	182680080	Pin Exchanger MTO Pro Female to Male SM
AFR-00821	182680081	Pin Exchanger MTO Pro Female to Male MM

Order No. Reference

Order No.	SAP No.	Description	Page
106110-1000	106110 1000	ST/ST Adapter, Singlemode, Metal Body, Zirconia Alignment	42
106112-1000	106112 1000	ST/ST Adapter, Multimode, Metal Body, Phosphor Bronze Alignment	42
106123-1200	1061231200	Quad LC Multimode OM1/2 Shuttered Adapter - Beige	41
106123-3200	1061233200	Quad LC Multimode OM3 Shuttered Adapter - Aqua	41
17-0101-02	Consult Molex	Euromod Single Gang Wallplate, 50mm x 50mm, No Labeling Facility	89
17-0111-02	181390001	Euromod Single Gang Wall Plate(with label facility) 86 x 86mm White	89
17-0112-02	181390002	Euromod Double Gang Wall Plate (with label facility) 86 x 145mm White	89
17-0412-02	180060060	Euromod Quarter (12.5 x 50mm) Blank - White	24, 89
17-0413-02	181370005	Euromod Half (25 x 50mm) Blank - White	24, 89
17-0414-02	180060062	Euromod Full (50 x 50mm) Blank - White	24, 89
17.A0162	181210015	25 x 50mm Duplex SC Module, Multimode - 1 Adapter	58
17.A0172	181210014	25 x 50mm Duplex SC Module, Singlemode - 1 Adapter	58
17.A0182	182620006	25 x 50mm Duplex SC-ST Module, Multimode - 1 Adapter	58
17.A0192	182620007	25 x 50mm Duplex SC-ST Module, Singlemode - 1 Adapter	58
17.A0202	184000467	25 x 50mm Shuttered Duplex SC Module, Multimode - 1 Adapter	58
17.A0212	184000466	25 x 50mm Shuttered Duplex SC Module, Singlemode - 1 Adapter	58
17.A0222	182620008	25 x 50mm Shuttered Duplex SC-ST Module, Multimode - 1 Adapter	58
17.C0012	181770001	Unlabelled Three Port Euromod Wallplate, 114mm x 71mm x 9mm - Unloaded	89
18262-0033	182620033	SC Multimode 900µm Connector kit - Beige Boot	39
18262-0034	182620034	LC Multimode 900µm Connector kit - White Boot	39
18262-0035	182620035	LC Multimode Duplex 2mm Connector kit - White Boot	39
18262-0041	182620041	LC Singlemode 900µm Connector kit - White Boot	39
18262-0042	182620042	LC Singlemode Duplex 2mm Connector kit - Blue Boot	39
18262-0043	182620043	SC Singlemode 900µm Connector kit - Blue Boot	39
18282-0037	182820037	SC/SC Duplex Singlemode Zirconia Flange Mount Unshuttered - Blue	40
18282-0038	182820038	SC/SC Duplex Singlemode Zirconia Snap Mount Unshuttered - Blue	40
18282-0039	182820039	SC/SC APC Duplex Singlemode Zirconia Flange Mount Unshuttered - Green	40
18282-0040	182820040	SC/SC APC Duplex Singlemode Zirconia Snap Mount Unshuttered - Green	40
18282-0045	182820045	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Blue	40
18282-0046	182820046	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Blue	40
18282-0047	182820047	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Green	40
18282-0048	182820048	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Green	40
18282-0053	182820053	Quad LC Singlemode OS1/2 Unshuttered Adapter - Blue	41
18282-0054	182820054	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Blue	41
18282-0055	182820055	LC/APC Quad, Zirconia Alignment Sleeve, Flange Mount - Green	41
18282-0056	182820056	LC/APC Quad, Zirconia Alignment Sleeve, Snap Mount - Green	41
18282-0089	182820089	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Erika Violet	40
18282-0092	182820092	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Erika Violet	40
18282-0093	182820093	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Erika Violet	41
18282-0103	182820103	SC/SC Duplex Multimode Zirconia Flange Unshuttered - Beige	40
18282-0104	182820104	SC/SC Duplex Multimode Zirconia Flange Unshuttered - Aqua	40
18282-0108	182820108	SC/SC Duplex Multimode Zirconia Snap Mount Unshuttered - Beige	40
18282-0109	182820109	SC/SC Duplex Multimode Zirconia Snap Mount Unshuttered - Aqua	40
18282-0112	182820112	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Beige	40
18282-0113	182820113	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Aqua	40
18282-0117	182820117	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Beige	40
18282-0118	182820118	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Aqua	40
18282-0122	182820122	LC Quad, Zirconia Alignment Sleeve, Flange Mount - Beige	41
18282-0127	182820127	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Beige	41
18282-0128	182820128	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Aqua	41
18282-0185	182820185	LC Shuttered Duplex, Snap Mount, Multimode, OM3/4, Zirconia Alignment Sleeve- Aqua	40
18282-0188	182820188	SC/SC Shuttered Duplex Zirconia Flange Mount Shuttered - Green	40
18282-0189	182820189	SC/SC Duplex Zirconia Flange Mount Shuttered - Beige	40
18282-0191	182820191	SC/SC Duplex Zirconia Flange Mount Shuttered - Erika Violet	40
18282-0199	182820199	LC/APC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - Green	41
18282-0249	182820249	Duplex LC SM OS1/2, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Blue	41
18282-0250	182820250	Duplex LC MM OM3/4, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Aqua	41
18282-0251	182820251	Duplex LC MM OM4, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Erika Violet	41
18282-0252	182820252	Duplex LC MM OM5, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Lime Green	41
18282-0253	182820253	Duplex LC SM OS1/2, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Blue	41
18282-0254	182820254	Duplex LC MM OM3/4, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Aqua	41
18282-0255	182820255	Duplex LC MM OM4, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Erika Violet	41
18282-0256	182820256	Duplex LC MM OM5, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Lime Green	41
25.A029-04	Consult Molex	Brush Tidy Cable Management Panel - Black*	84
25.B016-04	181080001	1U Ring Run Panel	84
25.B0284	180310014	1U Side Ring	84
25.B035-04	181080002	1U Deep Ring Run	84
25.B0364	180310015	1U Side Ring Deep	84
25.B0424	180310017	2U Side Ring	84
25.C001-04	181050044	Panel 1U with cover	84
25.C0015B	Consult Molex	Double Density Cable Management Ring	84
31.0010	182520001	4 Pair Termination Tool Frame, C5e/C6 UTP - MOD-Clip Jack only	97
31.0011	182520002	4 Pair Termination Tool Frame C6A FTP - DataGate Only	97
31.0012	182520003	Termination Head C5e/C6 UTP	97
31.0015	182520015	Termination Head C6A FTP	97
31.0016	182520017	Keystone Jack C6A UTP 4 Pair Termination Tool	97
33-100	180390001	SLT3 Tester (Master and Slave Units) with 9 Volt battery - UTP only	97
33.B0020	180390005	SLT3 UTP Tester with Carry Case	97
33A-100-10	180390011	SLT3S Tester (Master and Slave Units) with 9 Volt battery, UTP and Shielded	97
39-125	180480001	25 Pair Category 3 UTP Cable, PVC - Gray	87
39.B0180	180480012	100 Pair Category 3 UTP Cable, PVC - Gray	87
42-311-02	181400006	MOD-SNAP Single Gang, Single Aperture, 86mm x 86mm - Unloaded	89
42-312-02	181400005	MOD-SNAP Single Gang, Double Aperture, 86mm x 86mm - Unloaded	89

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42-314-02	181400008	MOD-SNAP Double Gang, 4 Aperture, 86mm x 146mm - Unloaded	89
81-XAABB-YLLLC-E	Consult Molex	ModLink Advanced Fiber Optic Cables	64
86117-1401	861171401	6 Fiber Shuttered MT-RJ Adapter Plate, Singlemode/Multimode	54
8HAAABCDEEFFGHIIIJ	Consult Molex	MPO-X Fiber Optic Cable Assembly	70
8MAABCCDEEFFIIIJ	Consult Molex	MPO-MPO Pre-Terminated Multicore Cable Assemblies	67
91-XAABB-YLLLC-E	Consult Molex	ModLink Cables	63, 64
91.10.331.00B02-6	Consult Molex	ST Pigtail, 1 Fiber, 50µm (OM3) MM - 1m	36
91.10.631.00B02-6	Consult Molex	ST Pigtail, 1 Fiber, 62.5µm (OM1) MM - 1m	36
91.10.831.00B02-6	Consult Molex	ST Pigtail, 1 Fiber, (OS1a/2) SM - 1m	36
91.30.332.00B00-6	180610136	SC Pigtails 6 PC X 1 Fiber 50µm (OM3) MM - 1.5m	36
91.30.432.00B00-6	180610139	SC Pigtails 6 PC X 1 Fiber 50µm (OM4) MM - 1.5m	36
91.30.632.00B00-6	180610138	SC Pigtails 6 PC X 1 Fiber 62.5µm (OM1) MM - 1.5m	36
91.30.832.00B00-6	180590550	SC Pigtails 6 PC X 1 Fiber 9µm (OS1a/2) SM - 1.5m	36
91.88.371.00100	Consult Molex	SC Patch Cord, 90 Degree Boot, 50µm (OM3) MM - 1m	37
91.88.371.00200	Consult Molex	SC Patch Cord, 90 Degree Boot, 50µm (OM3) MM - 2m	37
91.88.571.00100	Consult Molex	SC Patch Cord, 90 Degree Boot, 50µm (OM2) MM - 1m	37
91.88.571.00200	Consult Molex	SC Patch Cord, 90 Degree Boot, 50µm (OM2) MM - 2m	37
91.88.671.00100	Consult Molex	SC Patch Cord, 90 Degree Boot, 62.5µm (OM1) MM - 1m	37
91.88.671.00200	Consult Molex	SC Patch Cord, 90 Degree Boot, 62.5µm (OM1) MM - 2m	37
91.88.821.00100	Consult Molex	SC Patch Cord, 90 Degree Boot, (OS1a) SM - 1m	37
91.88.821.00200	Consult Molex	SC Patch Cord, 90 Degree Boot, (OS1a) SM - 2m	37
91.99.372.00100PK	180593308	SC Patch Cord, 50µm (OM3) MM, LS0H - 1m	37
91.99.372.00200PK	180593307	SC Patch Cord, 50µm (OM3) MM, LS0H - 2m	37
91.99.372.00500	180590993	SC Patch Cord, 50µm (OM3) MM, LS0H - 5m	37
91.99.472.00100	180591042	SC Patch Cord, 50µm (OM4) MM, LS0H - 1m	37
91.99.672.00100	180590897	SC Patch Cord, 62.5µm (OM1) MM, LS0H - 1m	37
91.99.672.00200	180590898	SC Patch Cord, 62.5µm (OM1) MM, LS0H - 2m	37
91.99.672.00500	180590900	SC Patch Cord, 62.5µm (OM1) MM, LS0H - 5m	37
91.99.872.00100	180590960	SC Patch Cord, (OS1a/2) SM, LS0H - 1m	37
91.99.872.00200	180590961	SC Patch Cord, (OS1a/2) SM, LS0H - 2m	37
91.99.872.00500	180590963	SC Patch Cord, (OS1a/2) SM, LS0H - 5m	37
91.A0860	Consult Molex	Gland 4-8mm M20	48
91.A0870	Consult Molex	Gland 6-12mm M20	48
91.A0880	Consult Molex	Gland 9-14mm M20	48
91.JJ.371.00100	Consult Molex	LC Patch Cord, 90 Degree Boot, 50µm (OM3) MM - 1m	37
91.JJ.371.00200	Consult Molex	LC Patch Cord, 90 Degree Boot, 50µm (OM3) MM - 2m	37
91.JJ.571.00100	Consult Molex	LC Patch Cord, 90 Degree Boot, 50µm (OM2) MM - 1m	37
91.JJ.571.00200	Consult Molex	LC Patch Cord, 90 Degree Boot, 50µm (OM2) MM - 2m	37
91.JJ.671.00100	Consult Molex	LC Patch Cord, 90 Degree Boot, 62.5µm (OM1) MM - 1m	37
91.JJ.671.00200	Consult Molex	LC Patch Cord, 90 Degree Boot, 62.5µm (OM1) MM - 2m	37
91.JJ.821.00100	Consult Molex	LC Patch Cord, 90 Degree Boot, (OS1a) SM - 1m	37
91.JJ.821.00200	Consult Molex	LC Patch Cord, 90 Degree Boot, (OS1a) SM - 2m	37
91.L0.332.00B00-12	180610141	LC Pigtails 12 PC X 1 Fiber 50µm (OM3) MM - 1.5m	36
91.L0.332.00B00-6	180610142	LC Pigtails 6 PC X 1 Fiber 50µm (OM3) MM - 1.5m	36
91.L0.432.00B00-12	180610238	LC Pigtails 12 PC X 1 Fiber 50µm (OM4) MM - 1.5m	36
91.L0.432.00B00-6	180610143	LC Pigtails 6 PC X 1 Fiber 50µm (OM4) MM - 1.5m	36
91.L0.632.00B00-6	180610144	LC Pigtails 6 PC X 1 Fiber 62.5µm (OM1) MM - 1.5m	36
91.L0.832.00B00-12	180610145	LC Pigtails 12 PC X 1 Fiber 9µm (OS1a/2) SM - 1.5m	36
91.L0.832.00B00-6	180610146	LC Pigtails 6 PC X 1 Fiber 9µm (OS1a/2) SM - 1.5m	36
91.LL.372.00100	180590946	LC Patch Cord, 50µm (OM3) MM, LS0H - 1m	36
91.LL.372.00200	180590947	LC Patch Cord, 50µm (OM3) MM, LS0H - 2m	36
91.LL.372.00500	180590949	LC Patch Cord, 50µm (OM3) MM, LS0H - 5m	36
91.LL.472.00100	180591036	LC Patch Cord, 50µm (OM4) MM, LS0H - 1m	36
91.LL.472.00200	180591037	LC Patch Cord, 50µm (OM4) MM, LS0H - 2m	36
91.LL.472.00500	180591038	LC Patch Cord, 50µm (OM4) MM, LS0H - 5m	36
91.LL.672.00100	180590901	LC Patch Cord, 62.5µm (OM1) MM, LS0H - 1m	36
91.LL.672.00200	180590902	LC Patch Cord, 62.5µm (OM1) MM, LS0H - 2m	36
91.LL.672.00500	180590904	LC Patch Cord, 62.5µm (OM1) MM, LS0H - 5m	36
91.LL.872.00100	180590964	LC Patch Cord, (OS2) SM, LS0H - 1m	36
91.LL.872.00200	180590965	LC Patch Cord, (OS2) SM, LS0H - 2m	36
91.LL.872.00500	180590967	LC Patch Cord, (OS2) SM, LS0H - 5m	36
91.PP.3D2.00200	180593933	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM3, Low Loss, LS0H, 2 meter, Aqua	37
91.PP.3D2.00300	180593934	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM3, Low Loss, LS0H, 3 meter, Aqua	37
91.PP.3D2.00500	180593935	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM3, Low Loss, LS0H, 5 meter, Aqua	37
91.PP.4D2.00200	180593939	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM4, Low Loss, LS0H, 2 meter, Erika Violet	37
91.PP.4D2.00300	180593940	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM4, Low Loss, LS0H, 3 meter, Erika Violet	37
91.PP.4D2.00500	180593941	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM4, Low Loss, LS0H, 5 meter, Erika Violet	37
91.PP.8D2.00200	180593927	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, G.657A2, Low Loss, LS0H, 2 meter	37
91.PP.8D2.00300	180593928	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, G.657A2, Low Loss, LS0H, 3 meter	37
91.PP.8D2.00500	180593929	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, G.657A2, Low Loss, LS0H, 5 meter	37
91.PP.9D2.00200	180593945	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM5, Low Loss, LS0H, 2 meter, Lime Green	37
91.PP.9D2.00300	180593946	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM5, Low Loss, LS0H, 3 meter, Lime Green	37
91.PP.9D2.00500	180593947	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, OM5, Low Loss, LS0H, 5 meter, Lime Green	37
91.XX.XXX.XXXXX-X	Consult Molex	Fiber Optic Patch Cords	35
91XXXXXXXXXXXXXXXX	Consult Molex	Pre-terminated Fiber Optic Leads	34
95.C090	Consult Molex	25 Pair Category 5 UTP Cable, 24 AWG, PVC, Gray, 500m	87
9HAAABCDEEFFGHIIIJ	Consult Molex	Hybrid Pre-Terminated Cable Assemblies --	69
9HAABCDEEFFGHIIIJ	Consult Molex	MTP PRO-X Fiber Optic Cable Assembly	70
9MAABCCDEEFFGHIIIJ	Consult Molex	MTP-MTP Pre-Terminated Multicore Cable Assemblies	65, 67
ADA-00004	180060065	Standard Keystone Category 5e 8 wire Feed Through Adapter - Black	91
AFOAH004OS1	180570193	Outdoor Armored Fiber Cable, OS2, 4-Core	32
AFOAH006OM4	Consult Molex	Outdoor Armored Fiber Cable, OM4, 6-Core	32
AFOAH006OM5	Consult Molex	Outdoor Armored Fiber Cable, OM5, 6-Core	32

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AFOAH006OS2	Consult Molex	Outdoor Armored Fiber Cable, OS2, 6-Core	32
AFOAH012OM3	180570312	Outdoor Armored Fiber Cable, OM3, 12-Core	32
AFOAH012OM4	Consult Molex	Outdoor Armored Fiber Cable, OM4, 12-Core	32
AFOAH012OM5	Consult Molex	Outdoor Armored Fiber Cable, OM5, 12-Core	32
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WFR-00052-RD-EV	180970130	12F Faceplate - Duplex OM4 - Red / Erika Violet	92
WFR-00052-RD-GR	180970152	12F Faceplate - Duplex APC Singlemode - Red / Green	92
WFR-00052-RD-LG	180970154	12F Faceplate - Duplex OM5 - Red / Lime Green	92
WFR-00052-WH-AQ	180970125	12F Faceplate - Duplex OM3/4 - White / Aqua	92
WFR-00052-WH-BG	180970090	12F Faceplate - Duplex OM1/2 - White / Beige	92
WFR-00052-WH-BL	180970151	12F Faceplate - Duplex Singlemode - White / Blue	92
WFR-00052-WH-EV	180970126	12F Faceplate - Duplex OM4 - White / Erika Violet	92
WFR-00052-WH-GR	180970153	12F Faceplate - Duplex APC Singlemode - White / Green	92
WFR-00052-WH-LG	180970155	12F Faceplate - Duplex OM5 - White / Lime Green	92
WFR-00052-YL-AQ	180600613	12F Faceplate - Duplex OM3/4 - Yellow / Aqua	92
WFR-00052-YL-BG	180600612	12F Faceplate - Duplex OM1/2 - Yellow / Beige	92
WFR-00052-YL-BL	180600615	12F Faceplate - Duplex Singlemode - Yellow / Blue	92
WFR-00052-YL-EV	180600614	12F Faceplate - Duplex OM4 - Yellow / Erika Violet	92
WFR-00052-YL-GR	180600616	12F Faceplate - Duplex APC Singlemode - Yellow / Green	92
WFR-00052-YL-LG	180600617	12F Faceplate - Duplex OM5 - Yellow / Lime Green	92
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WFR-00055-PK	180970205	Blank Adapter Plate - Pink	92
WFR-00055-RD	180970095	Blank Adapter Plate - Red	92
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WFR-00074	180970160	144 Fiber Dome Outdoor Fiber Optic Splice Enclosure	77
WFR-00075	180970161	48 Fiber In-Line Outdoor Fiber Optic Splice Enclosure	77
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WFR-00077	180970163	288 Fiber Dome Outdoor Fiber Optic Splice Enclosure	77
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WFR-00089-WH-LG	180600632	12 Port Multimedia Enclosure Adapter Plate, Internal Shuttered LC, MM - Lime Green	92
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