

# PRODUCTS AND SOLUTIONS GUIDE

Connected Enterprise Solutions

Europe / Middle East

Q2 2025



*creating connections for life*

**molex**

<b>Copper Solutions PowerCat 6A Shielded</b>	<b>7</b>
<b>Copper Solutions PowerCat 6A Healthcare Solutions</b>	<b>18</b>
<b>Copper Solutions Outdoor Category 6A Shielded Connectivity Solution</b>	<b>20</b>
<b>Copper Solutions PowerCat 6A Shielded IP67 Connectivity Solution</b>	<b>21</b>
<b>Copper Solutions PowerCat 6A Unshielded</b>	<b>22</b>
<b>Copper Solutions PowerCat 6 Unshielded</b>	<b>25</b>
<b>Copper Solutions PowerCat 5e</b>	<b>32</b>
<b>Fiber Optic Solution Lightband Cable</b>	<b>37</b>
<b>Fiber Optic Solution Lightband Pre-Terminated Fiber Optic Leads</b>	<b>43</b>
<b>Fiber Optic Solution Lightband Patch Cords</b>	<b>44</b>
<b>Fiber Optic Solution Lightband Patch Cords and Pigtails</b>	<b>45</b>
<b>Fiber Optic Solution Lightband Rack Mount Solutions</b>	<b>47</b>
<b>Fiber Optic Solution Lightband Enclosures</b>	<b>56</b>
<b>Fiber Optic Solution Lightband Splicing</b>	<b>59</b>
<b>Fiber Optic Solution Lightband Adapter Plates</b>	<b>61</b>
<b>Fiber Optic Solution Lightband Adapters</b>	<b>64</b>
<b>Fiber Optic Solution Lightband Fiber-To-The-Desk</b>	<b>68</b>
<b>Pre-Terminated Solutions ModLink Fiber Plug and Play</b>	<b>72</b>
<b>Fiber Optic Solution Lightband Passive Optical Networks</b>	<b>85</b>
<b>Zone Enclosures and Consolidation Points</b>	<b>91</b>
<b>Cable Management Solutions</b>	<b>94</b>
<b>Voice and Telco Solutions</b>	<b>97</b>
<b>Outlet Configuration Solutions</b>	<b>30</b>
<b>Tools and Testers</b>	<b>104</b>



# | 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

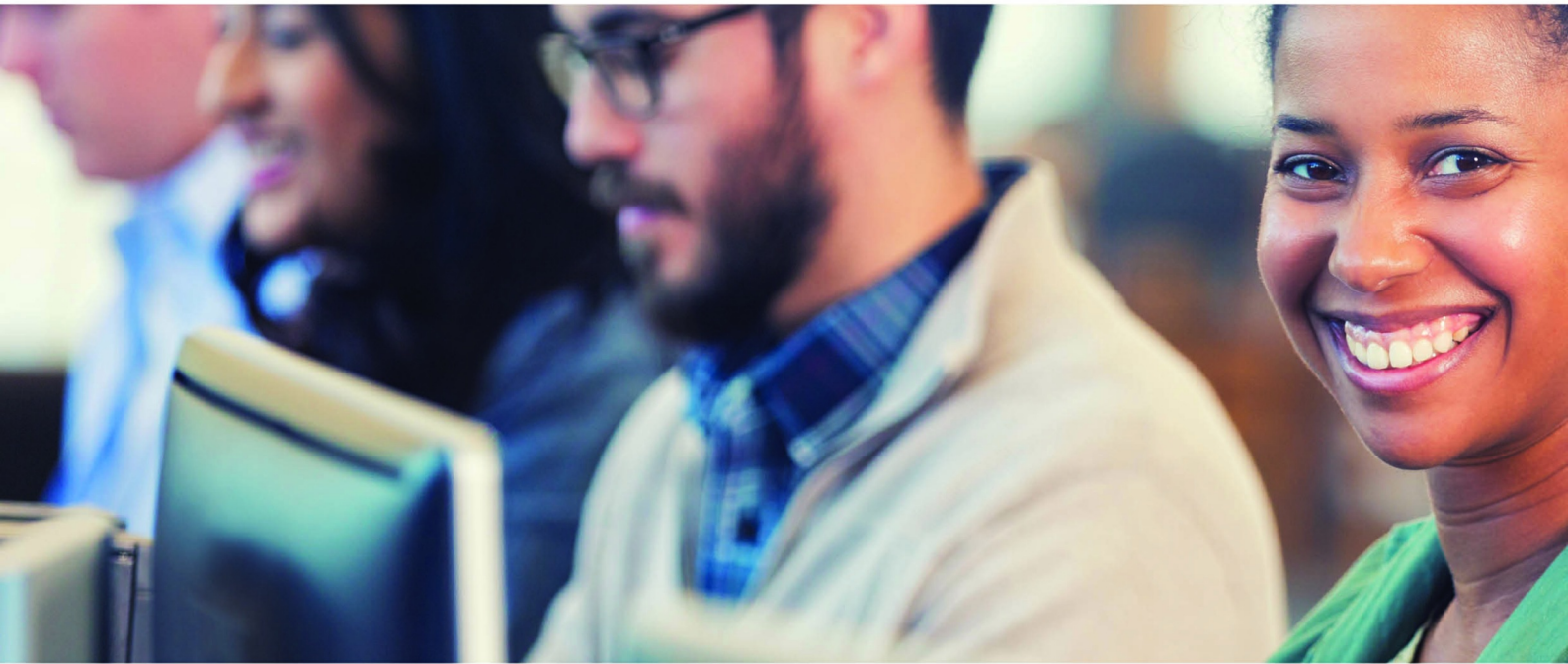
As a responsible corporate citizen, we are committed to using environmentally conscious practices during the design and manufacture of our products. These environmental practices are designed to ensure that Molex is developing sustainability through environmental preservation activities.

#### 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 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-00413-VL	183020040	PowerCat 6A U/FTP LS0H Cable B2ca-s1a,d1,a1 Violet 500m
CAA-0322L-VI	183020033	PowerCat 6A U/FTP LS0H Cable, Dca-s1,d2,a1, Violet - 500m
CAA-00373-VL	181400001	PowerCat C6A F/FTP LS0H Cable, 500m reel

### PowerCat 6A U/FTP LS0H Cable

Molex PowerCat 6A U/FTP LS0H cable is supplied in an easy pull box for the support of Category 6A shielded installations. The cable is constructed of four screened pairs with a drain wire and enclosed in a Cca-s1a, d0,a1 rated sheath compliant with the EU and GB Construction Products Regulation (CPR). Molex recommends that the full range of PowerCat C6A Shielded products be used in a system to maximize cabling performance. The system is compliant with ISO/IEC 11801:2017 and ANSI/TIA-568.2-D for the support of 10GBASE-T.

- Supplied in 305m easy-pull boxes for convenient handling and speedy installation
- Robust signal isolation required for C6A transmission performance
- Color coded for ease of termination
- Reaction to Fire Euroclass Cca-s1a,d0,a1
- This product is exclusive to the UK market

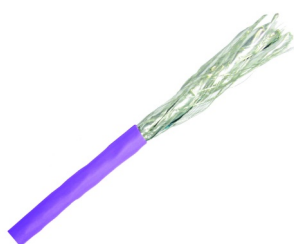


Order No.	SAP No.	Description
CAA-00453-VL	183020068	PowerCat 6A U/FTP LS0H Cca-s1a,d0,a1 Violet 305m easy-pull box

### PowerCat C6A S/FTP LS0H Cable

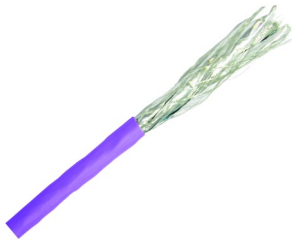
The cable is constructed of four screened pairs enclosed in a tin/copper braid, designed to minimize alien crosstalk, and provide excellent signal isolation and electromagnetic interference (EMI) protection. The cable provides high class reaction to fire performance, in accordance with the EN 50575:2014 + A1:2016 EuroClass classification of B2ca-s1a,d1, a1. Molex recommends that the full range of PowerCat 6A Shielded products be used in a system to maximize cabling performance. This system is compliant with ISO/IEC 11801 for the support of 10GBASE-T. This cable is part of our PowerCat 6A System which is suitable for the most demanding PoE Applications.

- Outstanding signal isolation
- Compliant with TIA/EIA 568.2-D
- Enhanced performance 4 pair S/FTP foil and braid screened cable
- Resistant to alien crosstalk
- Color coded for ease of termination
- Reaction to Fire Euroclass: B2ca-s1a, d1, a1
- 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-00437-VL	183020058	PowerCat 6A S/FTP LS0H Cable B2ca-s1a,d1,a1 Violet, 500m reel

## Copper Solutions PowerCat 6A Shielded

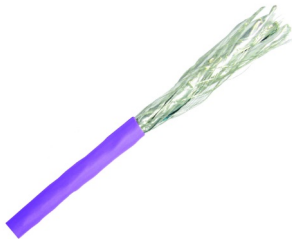


### Category 7 S/FTP Cable

Category 7 S/FTP Cable (each pair has individual shield plus a common shield for the cable made of tinned copper braid) is a complementary product for shielded PowerCat 6 and PowerCat 6A (with limitations) systems. The cable is suitable for horizontal cabling in high speed data transmission networks as well as vertical cabling for data. Small outer diameter, high flexibility and superior electrical performance are key features of the product. This cable is part of our PowerCat 6A System which is suitable for the most demanding PoE Applications.

- Transmission performance C7 in a 1-600MHz 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
- 1000m lengths on wooden, fully recyclable reels
- Compliant with EN 50575:2014+A1:2016 EU Reaction to Fire Performance criteria
- 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-00392-VT	181400004	S/FTP Category 7 Cable, LS0H, 1000m, Violet

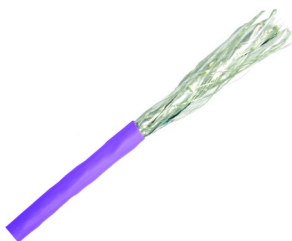


### PowerCat 7A S/FTP Cable

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



### Category 7A S/FTP LS0H Cable B2ca-s1a, d1,a1

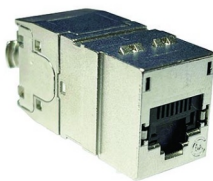
Molex C7A S/FTP shielded cable is specifically designed to support high-speed data network applications. The cable is constructed of four screened pairs and a tin/copper braid. The cable is designed to minimize alien crosstalk and provide superior electromagnetic interference (EMI) protection. The Category 7A cable is a complementary product for installation in the Molex PowerCat 6A system. The cable meets the transmission performance of the Category 7A 1000MHz transmission standard and is tested to 1.2MHz

- Category 7A transmission performance
- Tested to 1200MHz
- Outstanding signal isolation
- Enhanced performance 4 pair S/FTP foil and braid screened cable
- Resistant to alien crosstalk
- Colour coded for ease of termination
- Reaction to Fire Euroclass: B2ca-s1a, d1,a1

Order No.	SAP No.	Description
CAA-00441-VL	183530013	Category 7A S/FTP Cable LS0H B2ca-s1a, d1, a1 violet 500m reel



## Copper Solutions PowerCat 6A Shielded



Termination Tool  
Page 104

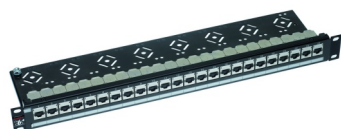
### PowerCat 6A DataGate Shielded Straight and Side Entry Jack

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 contaminants, 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.



Termination Tool  
Page 104

### PowerCat 6A Shielded Patch Panels

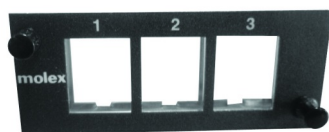
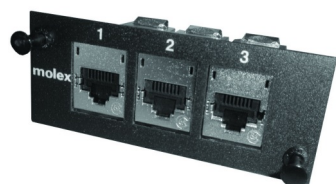
PowerCat 6A Patch Panels features the unique DataGate shielded connector. This shielded connector offers superior alien crosstalk suppression, excellent insertion loss protection and provides enhanced electromagnetic interference (EMI) protection by utilizing robust die-cast zinc alloy connector body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

## Copper Solutions PowerCat 6A Shielded



### 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	Consult Molex	Adapter Plate 3x PowerCat 6A DataGate (with grounding screws) unloaded

### 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-slug slim strain relief slip on boots.

- 4 pair 26 AWG shielded stranded copper cable
- Pre-terminated with RJ45 plugs
- Slim clear anti-slug 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-07068-**	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 0.25m
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 6A 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.



## Copper Solutions PowerCat 6A Shielded

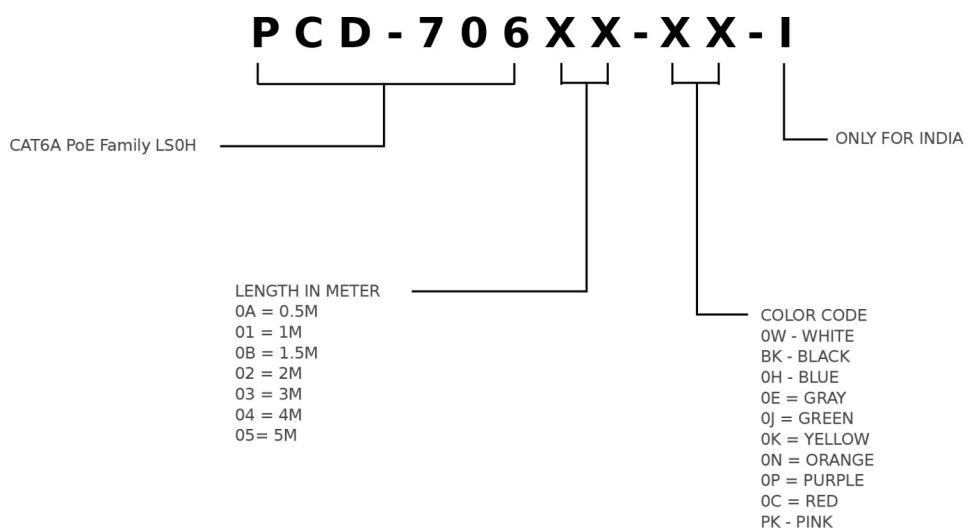


### PowerCat 6A Shielded PoE LS0H Patch Cord

The Molex PowerCat 6A shielded patch cords are key components of the PowerCat 6A shielded end-to-end solution. Molex PowerCat 6A Patch Cords are designed to support high speed 10GBASE-T networks and are backward compatible with 10/100/1000BASE-T networks as well as providing Power over Ethernet compliance with IEEE 802.3bt Type 4 "4PPoE"/"PoE++". 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-slug slim strain relief slip on boots.

- 4 pair 26 AWG stranded copper wire
- Pre-terminated with RJ45 plugs
- Slim clear anti-slug slip on boots
- Suitable for EIA 568A or 568B wiring
- LS0H sheath
- 10G Performance when installed as a complete PowerCat 6A Shielded System
- Compliant with IEEE 802.3bt Type 4 "4PPoE"/"PoE++"

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



Order No.	SAP No.	Description
PCD-706XX-XX	Consult Molex	Patchcord C6A Shielded PoE LS0H

### 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-conductor channel with EU cable part no. CAA-00413-VL. Contact Molex Technical Support for installation design guidance.

## Copper Solutions PowerCat 6A Shielded

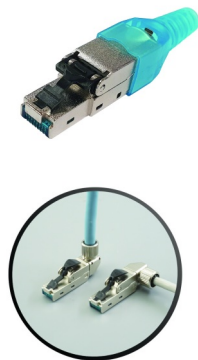


### PowerCat 6A Solid Cable Assemblies

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

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

Order No.	SAP No.	Description
PCD-07054-VL	183160844	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LSOH, Violet, 4m
PCD-07055-VL	183160845	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LSOH, Violet, 6m
PCD-07056-VL	183160846	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LSOH, Violet, 8m
PCD-07057-VL	183160847	PowerCat 6A Shielded Solid Cable Assembly, LSOH, U/FTP, Violet, 10m
PCD-08000-0P	183270077	PowerCat 6A Shielded Solid Cable Assembly, LSOH, U/FTP, Violet, 15m
PCD-07058-VL	183160848	PowerCat 6A Shielded Solid Cable Assembly, LSOH, U/FTP, Violet, 20m
PCD-08001-0P	183270078	PowerCat 6A Shielded Solid Cable Assembly, LSOH, U/FTP, Violet, 25m
PCD-07059-VL	183160849	PowerCat 6A Shielded Solid Cable Assembly, LSOH, U/FTP, Violet, 30m
PCD-08002-0P	183270079	PowerCat 6A Shielded Solid Cable Assembly, LSOH, U/FTP, Violet, 35m
PCD-07060-VL	183160850	PowerCat 6A Shielded Solid Cable Assembly, LSOH, U/FTP, Violet, 40m
PCD-08003-0P	183270080	PowerCat 6A Shielded Solid Cable Assembly, LSOH, U/FTP, Violet, 50m
PCD-08004-0P	183270081	PowerCat 6A Shielded Solid Cable Assembly, LSOH, U/FTP, Violet, 60m



### 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 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	183020048	Cat6A U/FTP Gel Filled Outdoor PE Cable Nylon Fca Blue 305m





## Copper Solutions PowerCat 6A Shielded

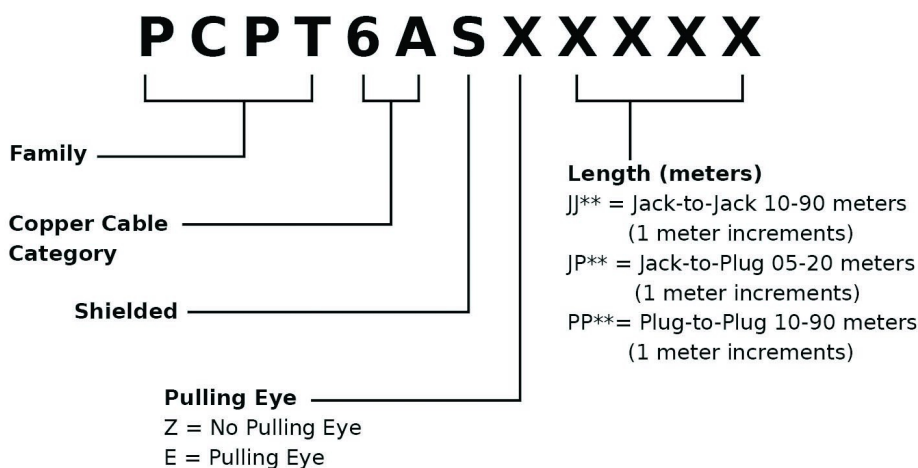


Shielded patch panels  
Page 9

### PowerCat 6A Pre-Terminated Cable Assemblies

Molex PowerCat 6A Shielded Pre-Term cable assemblies are ideal for use in data centers and high speed network environments. The PowerCat 6A pre-terminated shielded assemblies are designed to support secure-high speed 10GBASE-T and is backward compatible with 10/100/1000BASE-T networks. These cable assemblies are made from high quality Cat 6A U/FTP 4-pair shielded 23AWG solid copper wire and are pre-terminated to robust die cast zinc DataGate C6A shielded shuttered jack which provide superior alien crosstalk (AXT) suppression, and provides enhanced electromagnetic interference (EMI) protection. These pre-term cable assemblies are available as jack-to-jack, plug-to-jack, or plug-to-plug. The six individual cables are bundled together with spiral wrapping placed every meter.

- Factory terminated and tested
- Up to 80% faster to install than traditional field installation
- Fully compliant with ISO/IEC 11801 Amd.1 and Amd.2 Ed. 2.0 Class EA
- Pre-terminated PowerCat 6A
- LS0H sheath
- 10G Performance when installed as a complete PowerCat 6A Shielded System
- RoHS Compliant
- Field AXT testing not required because cables are compliant by design
- Cable bundles with pulling eye available upon request.



Example: to order a Cat 6A shielded jack-to-jack bundle of 6 cables 32 meter LS0H pre-term assembly without pulling eye, the part number would be PCPT6ASZJJ32

Order No.	SAP No.	Description
PCPT6ASXXXXX	Consult Molex	PowerCat 6A Pre-Terminated Cable Assemblies



### 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-00254-04	180810060	1U 24 Port Unloaded DataGate UTP Patch Panel
PID-00258	180810031	PowerCat 24 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 1U - Black
PID-00259	180810032	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U - Black
PID-00260	180810033	PowerCat 48 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 2U - Black
PID-00261	180810034	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U - Black
KSJ-00005-0*	Consult Molex	Single Position Blank Module (Bag of 25)

\* Color Options - 2 = White, 4 = Black

## Copper Solutions PowerCat 6A Shielded



### 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 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
KSJ-00088	181810328	PowerCat 6A Shielded Compact Tool-less Keystone Jack

### 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 Patch Panel Unloaded 19" 2U - with Cable Management Bar - Metric Fixing Kit, Black
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 26

## Copper Solutions PowerCat 6A Shielded



### 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 14

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



### PowerCat 6A Euromod II Module

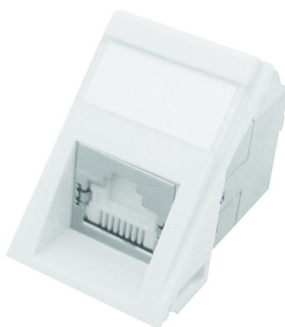
The Euromod modular system provides a flexible and versatile method of installation, allowing the user the choice of installing as many data outlets as required. Compatible with the Euromod range of wallplates, the module is supplied with a protected label facility and the angled design reduces patch 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



Euromod  
Wallplate  
Page 100

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



### PowerCat 6A MOD-SNAP III Module

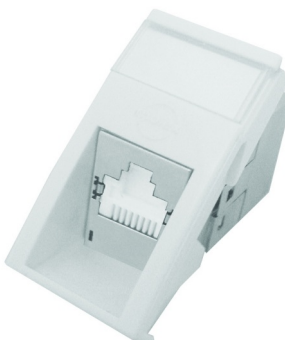
The MOD-SNAP III Module is ideal for UK floor box applications and may be used with the MOD-SNAP wallplate range. The module is supplied with a protected label facility and the angled design reduces patch cord bend radius. The product is shipped complete with the shielded C6A DataGate jack and the 38.5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

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



MOD-SNAP  
Wallplate  
Page 100

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



### PowerCat 6A Legrand Compatible Module

These PowerCat 6A shielded modules are compatible with the Legrand range of 45 x 45mm bezels. The angled design reduces patch cord bend radius and features a protected labeling feature. Individual ports may be color coded using a connector icon, for site-specific network administration.

- Protected labeling facility
- 22.5 x 45mm & 45 x 45mm fascia
- Compatible with Legrand Mosaic wallplates (not supplied)
- Supplied with DataGate C6A jack
- Available in either traditional rear or side entry variations
- Side entry jack allows cable termination either side

Order No.	SAP No.	Description
MLG-00030-**-	183010006	PowerCat 6A 22.5 x 45mm Legrand compatible Module
MLG-00031-**-	183010007	PowerCat 6A 45 x 45mm Legrand compatible Module

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



Termination Tool  
Page 104



## Copper Solutions PowerCat 6A Shielded



### PowerCat 6A DIN Module

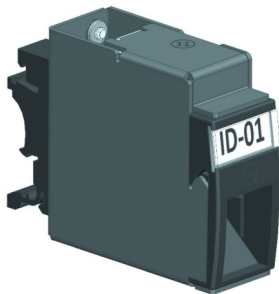
The PowerCat 6A DIN module is compatible with the 50 x 50mm DIN 49075 standard. Available as single or dual ports, the modules are supplied with a protected label facility and the angled design reduces patch cord bend radius. The product is shipped complete with the shielded C6A DataGate jack. Individual ports may be color coded for site-specific network administration by fitting connector icon labels (part no. CSP-00021-0\*\*).

- Protected labeling facility
- 50 x 50mm fascia
- DIN 49075 compatible
- Supplied with DataGate C6A jack
- 1 and 2 Port versions
- Available in either traditional rear or side entry variations
- Side entry jack allows cable termination either side

Order No.	SAP No.	Description
WNC-00044-02	183010017	PowerCat 6A 1 Port DIN Module Shielded - White
WNC-00045-02	183010018	PowerCat 6A 2 Port DIN Module Shielded - White



Termination Tool  
Page 104



### 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 25



C5e UTP  
DataGate Jack  
Page 32



DIN Rail Fiber  
Enclosure  
Page 58



### 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

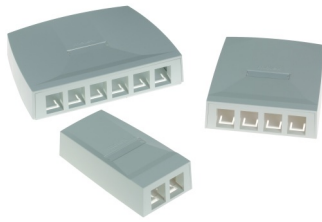


Contura  
Wallplate  
Page 100



Unloaded  
Wallplate  
Adapters  
Page 30

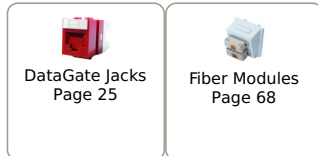
## Copper Solutions PowerCat 6A Shielded



### 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



DataGate Jacks  
Page 25

Fiber Modules  
Page 68

Order No.	SAP No.	Description
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
SBX-00009-02	182950000	PowerCat 6A 1 Port Synergy Surface Box RJ45 568A/B Shielded - White (loaded)
SBX-00005-02	181770326	PowerCat 6 1 Port Synergy Surface Box RJ45 UTP White (loaded)
SBX-00006-02	18338002	PowerCat 5e 1 Port Synergy Surface Box RJ45 UTP White (loaded)

### 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

## 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.Pneumoniae, E.Coli and Staphylococcus Aureus

Order No.	SAP No.	Description
<b>Patch Cords</b>		
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
<b>Outlets &amp; Connectors</b>		
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 PowerCat 6A Healthcare Solutions



### Harsh Environment IP65 Wallplates and Patch Cords

Molex Harsh Environmental IP65 products have been created using chemically resistant easy clean materials. They can assist in keeping surfaces clean and sanitary.

- Easy to clean wallplates and patch cords assist in the control of bacteria
- Smooth stainless steel wallplates for ease of cleaning
- 10G performance when installed as a complete PowerCat 6A Shielded System
- LS0H sheath – patch cords
- Double-sided stainless steel wall plates – polished/brushed stainless steel
- Locking jack and patch cords – prevents accidental removal
- Slim anti-snag slip on boots – patch cords

Order No.	SAP No.	Description
<b>IP65 Harsh Environment Patch Cords</b>		
PCD-07137-BK	183162401	Patch Cord C6A IP65 RJ45- Plug RJ45 1.0m Black
PCD-07138-BK	183162402	Patch Cord C6A IP65 RJ45- Plug RJ45 1.5m Black
PCD-07139-BK	183162403	Patch Cord C6A IP65 RJ45- Plug RJ45 2.0m Black
PCD-07140-BK	183162404	Patch Cord C6A IP65 RJ45- Plug RJ45 3.0m Black
PCD-07141-BK	183162405	Patch Cord C6A IP65 RJ45- Plug RJ45 5.0m Black
<b>Outdoor Push-Pull Patch Cords</b>		
PCD-07142	183162406	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 1.0M Black
PCD-07143	183162407	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 1.5M Black
PCD-07144	183162408	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 2.0M Black
PCD-07145	183162409	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 3.0M Black
PCD-07146	183162410	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 5.0M Black
<b>Antimicrobial Patch Cords</b>		
HPCD-07147-0W	183162411	Patch Cord Antimicrobial C6A Shielded Plug 1.0m LS0H White
HPCD-07148-0W	183162412	Patch Cord Antimicrobial C6A Shielded Plug 1.5m LS0H White
HPCD-07149-0W	183162413	Patch Cord Antimicrobial C6A Shielded Plug 2.0m LS0H White
HPCD-07150-0W	183162414	Patch Cord Antimicrobial C6A Shielded Plug 3.0m LS0H White
HPCD-07151-0W	183162415	Patch Cord Antimicrobial C6A Shielded Plug 5.0m LS0H White
<b>Outlets &amp; Connectors</b>		
KSP-00004	183010129	Plug C6A Field Termination IP65
KSJ-00095	183010131	Jack C6A STP-IP65
WSS-00012	181260005	Wallplate Stainless Steel- Bulk Head Jack - 1P
WSS-00013	181260006	Wallplate Stainless Steel- Bulk Head Jack - 2P
WSS-00014	181260007	Wallplate Stainless Steel- Bulk Head Jack - 4P
ADA-00007	180140067	Sealing Cover for Push-Pull Jack - C6A

## 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
<b>Compatible Euromod Outlets</b>		
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 14



## 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.

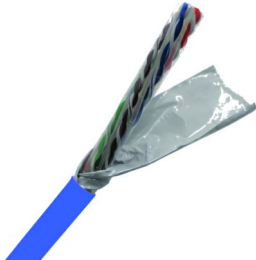
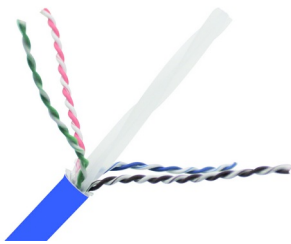
- Stainless Steel front plate for abrasion resistance
- Rubber gasket for protection against dust and water ingress
- Cable entry glands seal and protect jack terminations
- Polyacrylic ABS backbox for durability and strength.



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 6A Unshielded



4 Pair  
Termination Tool  
Page 104

### 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-00447-BL	1810000036	PowerCat 6A UTP LS0H Dca Cable 500m reel, Blue

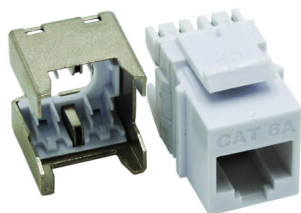
### PowerCat Category 6A U/UTP LS0H Horizontal Cable, 500m reel

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-00454-BL	1810030129	C6A UTP LS0H Cable, 500M Reel B2ca Blue UK/EU Markets
CAA-00455-BL	1810030130	C6A UTP LS0H Cable, 500M Reel Dca Blue UK/EU Markets

## Copper Solutions PowerCat 6A Unshielded



4 Pair  
Termination Tool  
Page 104

### 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 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 Patch Panel Unloaded 19" 2U - with Cable Management Bar - Metric Fixing Kit, Black
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 26

### 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.

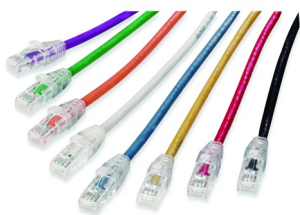
- 24 Port 1U Unloaded
- Easy snap in UTP and Shielded Keystone Jacks (supplied separately)
- Modularity provides installation flexibility
- Silk-screened individual port identification
- Metric Rack Mounting Kit included
- Robust cable management shelf ensures bend radius compliance
- Cabinet fixing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

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



Keystone Jack  
C6A Shielded  
Tool-less  
Page 14

## 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-snap slim strain relief slip on boots.

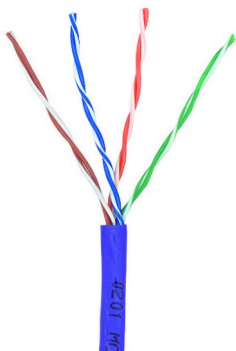
- 4 pair 26 AWG stranded copper wire
- Pre-terminated with UTP RJ45 plugs
- Slim clear anti-snap slip on boots
- Suitable for EIA 568A or 568B wiring
- LS0H sheath
- 10G Performance when installed as a complete PowerCat 6A UTP System

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.



## 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 500m 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-00325	181740057	PowerCat 6 U/UTP LS0H Cable Dca-s2,d2,a1 - Violet
CAA-0336-VL	Consult Molex	PowerCat 6 LS0H Cable B2ca-s1a,d1,a1 - Violet



### PowerCat 6 U/UTP LS0H Cable Dca-s1,d0,a1, Easy-Pull Box

Molex PowerCat 6 (C6) 4 Pair U/UTP cable has been designed to support high speed data transmission systems such as Gigabit Ethernet. The cable is part of the PowerCat 6 range of products that are designed to comply with the Category 6 specification.

- Category 6 compliant
- Color coded for ease of termination
- Supplied on 305m easy pull boxes
- RoHS Compliant
- Reaction to Fire Euroclass: Dca- s1,d0,a1

Order No.	SAP No.	Description
CAA-00444-VL	181740188	PowerCat 6 U/UTP LS0H Cable Cca-s1a,d1,a1, Violet 305m easy-pull box

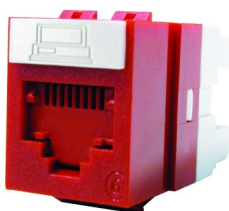


### Category 6 U/UTP Gel-Filled Outdoor Cable Nylon Sheath

The Molex outside plant gel-filled Category 6 4 Pair U/UTP cable utilises a HDPE compound which 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 6 compliant
- PE (UV) and nylon sheathed for greater protection
- UV resistant
- Suitable for outdoor/underground installations
- Water resistant gel-filled design
- Compliant with EN 50575:2014+A1:2016 EU Reaction to Fire Performance criteria

Order No.	SAP No.	Description
CAA-00419-0H	181740138	Cat6 U/UTP Gel Filled Outdoor PE Cable Nylon Fca Blue 305 m



### 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
<b>Accessories</b>		
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 104



Unloaded  
Modules  
Page 30



Unloaded  
DataGate  
Panels  
Page 13

## Copper Solutions PowerCat 6 Unshielded



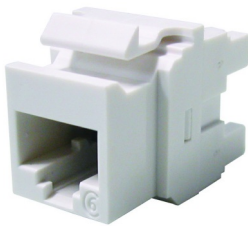
### PowerCat 6 MOD-Clip DataGate Jack

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 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.



### 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)

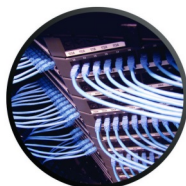
\*\*Color Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Gray, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple

### 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



## Copper Solutions PowerCat 6 Unshielded



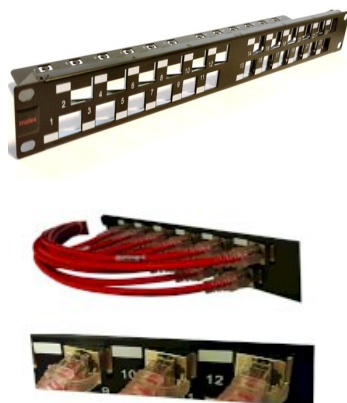
### PowerCat Unloaded DataGate Panels

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-00254-04	180810060	1U 24 Port Unloaded DataGate UTP Patch Panel
PID-00258	180810031	PowerCat 24 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 1U - Black
PID-00259	180810032	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U - Black
PID-00260	180810033	PowerCat 48 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 2U - Black
PID-00261	180810034	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U - Black
KSJ-00005-0*	Consult Molex	Single Position Blank Module (Bag of 25)

\* Color Options - 2 = White, 4 = Black



### 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

### 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 Patch Panel Unloaded 19" 2U - with Cable Management Bar - Metric Fixing Kit, Black
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 26

## Copper Solutions PowerCat 6 Unshielded



### 24 Port 1U Keystone Jack Angled Patch Panel Unloaded

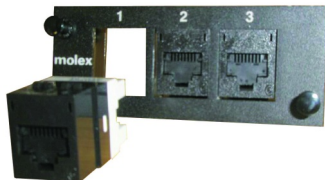
The Unloaded Keystone Jack Angled Patch Panels can be configured to provide the exact number of modular ports required. The panels accept Molex UTP or Shielded Keystone Jacks. The product is supplied with one earthing screw and robust rear cable management tray.

- 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 14

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



### 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

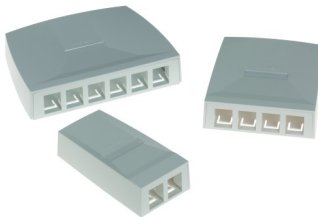


Multi-Function  
Enclosure  
Page 47

### 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



DataGate Jacks  
Page 25



Fiber Modules  
Page 68

Order No.	SAP No.	Description
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
SBX-00009-02	182950000	PowerCat 6A 1 Port Synergy Surface Box RJ45 568A/B Shielded - White (loaded)
SBX-00005-02	181770326	PowerCat 6 1 Port Synergy Surface Box RJ45 UTP White (loaded)
SBX-00006-02	18338002	PowerCat 5e 1 Port Synergy Surface Box RJ45 UTP White (loaded)

### 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



Outlet  
Configuration  
Solutions  
Page 98



## Copper Solutions PowerCat 6 Unshielded



### 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 Legrand Compatible Module

The PowerCat 6 22.5 x 45mm and 45 x 45mm modules are compatible with the Legrand Mosaic range of 45 x 45mm bezels. Two modules or a single module and a blank may be installed in this format. The product is a fully assembled unit featuring the shuttered DataGate connector. The angled design reduces patch cord bend radius and features a protected labeling facility. Individual ports may be color coded using a connector icon for site-specific network administration.

- Legrand Mosaic 45 x 45mm bezel compatible
- Shuttered RJ45 DataGate connector
- Protected labeling facility
- Angled fascia

Order No.	SAP No.	Description
MLG-00021-02	188000016	PowerCat 6 22.5 x 45mm Legrand Compatible Module RJ45 568A/B UTP - White
MLG-00024-02	188000068	PowerCat 6 45 x 45mm Legrand Compatible Module RJ45 568A/B UTP - White
16.A0012	180070055	22.5 x 45mm Blank Module - White



## Copper Solutions PowerCat 6 Unshielded



### PowerCat 6 DIN Module

The PowerCat 6 DIN module is designed for compatibility with the 50 x 50mm DIN 49075 standard. The product is a fully assembled unit featuring the shuttered DataGate connector. The angled design reduces patch cord bend radius and features a protected labeling facility. Individual ports may be color coded using a connector icon label for site-specific network administration. The PowerCat 6 DIN module is available as a single or double port product and is supplied with a grid-plate.

- DIN 49075 compatible
- Shuttered RJ45 DataGate connector
- Protected labeling facility
- Angled fascia
- 1 and 2 Port versions

Order No.	SAP No.	Description
WNC-00030-02	180410071	PowerCat 6 1 Port DIN Module RJ45 568A/B UTP - White
WNC-00031-02	180410073	PowerCat 6 2 Port DIN Module RJ45 568A/B UTP - White



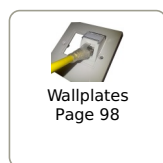
### PowerCat Modules, Unloaded

Molex PowerCat unloaded modules are compatible with all Molex's unique shuttered DataGate Jacks. PowerCat Modules are specifically designed for compatibility with many European wall outlet styles. The angled design reduces the patch cord bend radius to prevent degradation of transmission performance in the work area outlet. The products are supplied unloaded (no jacks supplied), allowing installation flexibility. C5e and C6 UTP or C6A Shielded DataGate Jacks can be fitted as required. Manufactured of high-quality scratch resistant thermoplastic the unloaded modules are supplied with a transparent label cover and paper label for protected port identification. Loaded (inclusive of jack) versions of these modules are also available for customers preferring to purchase the module and jack under one part number.

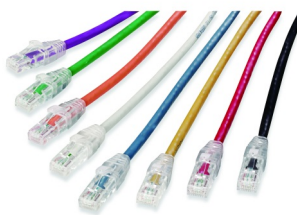
- Specifically designed for commonly installed European wall outlet styles
- Compatible with C5e, C6 UTP and C6A DataGate Jacks
- Angled design reduces patch cord bend radius
- Protected labeling feature for clear port labeling
- High-quality, scratch resistant thermoplastic material

Order No.	SAP No.	Description
MMS-00021-02	183480004	MOD-SNAP III Module, Unloaded, White
MEU-00074-02	181240031	Euromod II Module, Unloaded, White
MGB-00009-02	181240032	Contura Module, Unloaded, White
WNC-00053-02	181240033	DIN Module, Unloaded, White
MLG-00038-02	181240036	22.5 X 45mm Module (Legrand Mosaic compatible), Unloaded, White
MLG-00038-04	181240040	22.5 X 45mm Module (Legrand Mosaic compatible), Unloaded, Black
MLG-00039-02	180070062	45 X 45mm Module (Legrand Mosaic compatible), Unloaded, White
MLG-00039-04	180070063	45 X 45mm Module (Legrand Mosaic compatible), Unloaded, Black

Top : WNC-00053-02, MMS-00021-02  
Middle row: MGB-00009-02, MEU-00074-02  
Bottom row: MLG-00039-02, MLG-00038-02



Wallplates  
Page 98



### 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-snap slim strain relief slip on boots.

- 4 pair 24 AWG stranded wire
- Pre-terminated with WE8W plugs
- Slim clear anti-snap 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

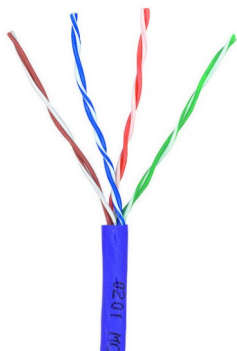


### PowerCat 6 Solid Cable Assemblies

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
<b>PVC Eca</b>		
PCD-00456-0E	181880017	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray 4m
PCD-00457-0E	181880018	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray - 6m
PCD-00458-0E	181880019	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray - 8m
PCD-00459-0E	181880020	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray - 10m
PCD-00460-0E	181880021	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray - 20m
PCD-00461-0E	181880022	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray - 30m
PCD-00462-0E	181880023	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray - 40m
<b>LS0H Dca-s2,d2,a1</b>		
PCD-00464-0P	181880025	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 4m
PCD-00465-0P	181880026	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 6m
PCD-00466-0P	181880027	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 8m
PCD-00467-0P	181880028	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 10m
PCD-06000-0P	181880037	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 15m
PCD-00468-0P	181880029	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 20m
PCD-06001-0P	181880038	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 25m
PCD-00469-0P	181880030	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 30m
PCD-06002-0P	181880039	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 35m
PCD-06002-0P	181880039	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Purple - 35m
PCD-00470-0P	181880031	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 40m
PCD-00471-0P	181880032	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H VL Dca-s2,d2,a1 50m
PCD-00472-0P	181880033	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 60m

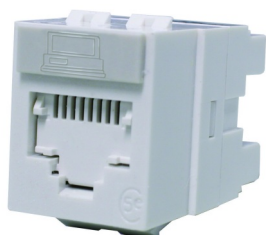


## PowerCat 5e U/UTP Cable

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 Cable
- Available in 305m pull boxes
- Available in violet and gray sheaths for application versatility
- Compliant with EN 50575:2014+A1:2016 EU Reaction to Fire Performance criteria

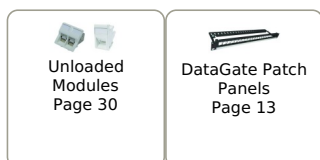
Order No.	SAP No.	Description
39-504-5E	181700098	PowerCat U/UTP C5e LS0H Cable, Dca-s2,d2,a1 - 305m Reel - Violet



## PowerCat 5e DataGate Jacks

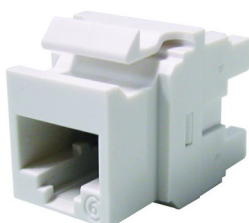
The DataGate jack is designed to maintain clean secure connections. The RJ45 jack features a patented 'spring-loaded shutter' which protects it from dust and contaminants as well as providing tactile feedback. The spring-loaded shutter pops out an improperly seated patch cord, all with single-handed 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 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
<b>Accessories</b>		
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



## Copper Solutions PowerCat 5e



### 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-00254-04	180810060	1U 24 Port Unloaded DataGate UTP Patch Panel
PID-00258	180810031	PowerCat 24 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 1U - Black
PID-00259	180810032	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U - Black
PID-00260	180810033	PowerCat 48 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 2U - Black
PID-00261	180810034	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U - Black
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 Patch Panel Unloaded 19" 2U - with Cable Management Bar - Metric Fixing Kit, Black
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 26



### 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.

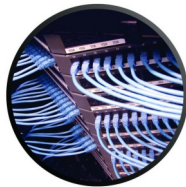
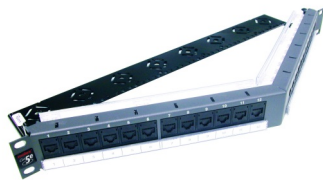
- 24 Port 1U Unloaded
- Easy snap in UTP and Shielded Keystone Jacks (supplied separately)
- Modularity provides installation flexibility
- Silk-screened individual port identification
- Metric Rack Mounting Kit included
- Robust cable management shelf ensures bend radius compliance
- Cabinet fixing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

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



Keystone Jack  
C6A Shielded  
Tool-less  
Page 14

## Copper Solutions PowerCat 5e



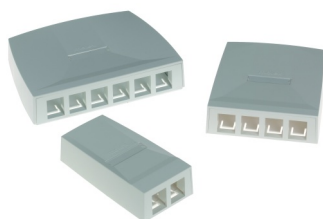
### PowerCat Angled Patch Panels

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
<b>Accessories</b>		
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



### Synergy Surface Mount Box

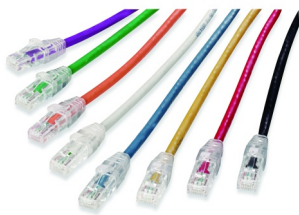
The PowerCat Synergy Surface Box is ideal for use in open office cabling. The 2, 4 and 6 port boxes are supplied unloaded and accept the DataGate Jack and Synergy Single Position Modules. The single port versions ship loaded with the DataGate Jack. Synergy Surface Boxes offer simple and organized installation 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
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
SBX-00009-02	182950000	PowerCat 6A 1 Port Synergy Surface Box RJ45 568A/B Shielded - White (loaded)
SBX-00005-02	181770326	PowerCat 6 1 Port Synergy Surface Box RJ45 UTP White (loaded)
SBX-00006-02	18338002	PowerCat 5e 1 Port Synergy Surface Box RJ45 UTP White (loaded)

DataGate Jacks  
Page 25

Fiber Modules  
Page 68



### PowerCat UTP Patch Cords

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

- 4 pair 24 AWG stranded wire
- Pre-terminated with WE8W plugs
- Slim clear anti-slag 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.

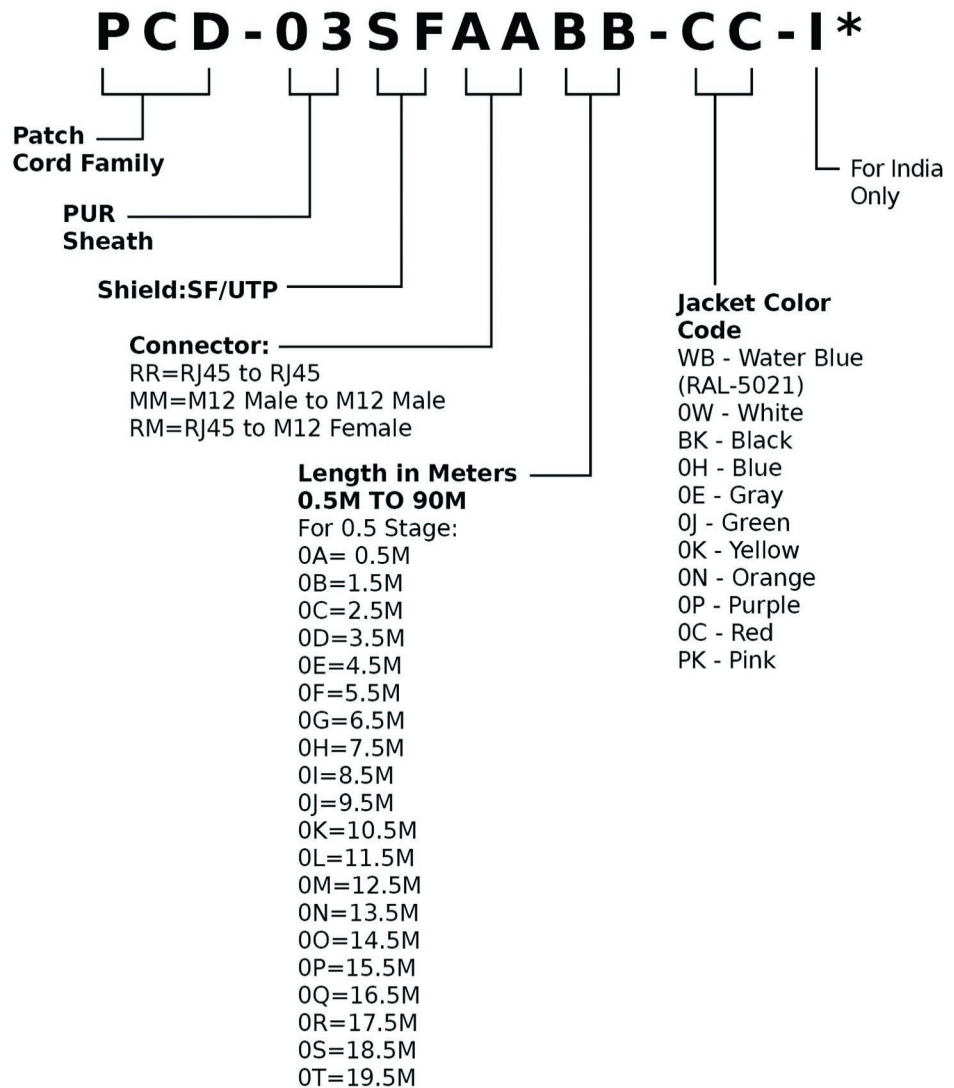
## Copper Solutions PowerCat 5e



### 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



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

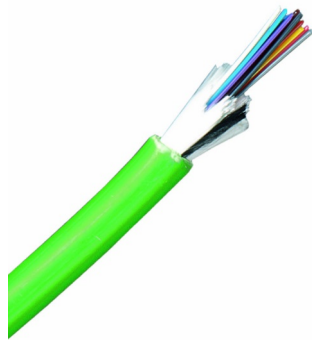
Our advanced manufacturing processes ensure our fiber products are built to the highest standards and meet or exceed all Telecommunication, CATV and Data Communication Industry standards.



### 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 Optic Solution Lightband Cable



### Fiber Cable - Internal/External Tight Buffered

Molex Fiber Cable is available in multiple cores using tight buffered 9/125µm, 50/125µm and 62/125µm distribution grade fiber that either meets or exceeds, OM2, 3, 4, 5 and OS1a/2 standards. The outer jacket is LS0H.

- Internal or dry/free draining duct installation
- "E glass" yarn strength member
- 900µm secondary coated fiber
- All meet or exceed OS2 Singlemode, OM2, 3, 4, 5 Multimode standards
- LS0H sheaths

Order No.	SAP No.	Description
<b>OM2, EuroClass: Eca</b>		
CFR-00373	180580441	4-core Fiber Cable: OM2, EuroClass: Eca, color: Green
CFR-00374	180580442	6-core Fiber Cable: OM2, EuroClass: Eca, color: Green
CFR-00375	180580443	8-core Fiber Cable: OM2, EuroClass: Eca, color: Green
CFR-00376	180580067	12-core Fiber Cable: OM2, EuroClass: Eca, color: Green
CFR-00378	180580445	24-core Fiber Cable: OM2, EuroClass: Eca, color: Green
<b>OM3, EuroClass: Bca-s1a,d1,a1</b>		
CFR-00687	183280004	4-core Fiber Cable: OM3, EuroClass: Bca-s1a,d1,a1, color: Aqua
CFR-00688	183280005	6-core Fiber Cable: OM3, EuroClass: Bca-s1a,d1,a1, color: Aqua
CFR-00689	183280006	8-core Fiber Cable: OM3, EuroClass: Bca-s1a,d1,a1, color: Aqua
CFR-00690	183280007	12-core Fiber Cable: OM3, EuroClass: Bca-s1a,d1,a1, color: Aqua
CFR-00691	183280008	24-core Fiber Cable: OM3, EuroClass: Bca-s1a,d1,a1, color: Aqua
<b>OM3, EuroClass: Cca-s1a,d1,a1</b>		
CFR-00493	180580677	4-core Fiber Cable: OM3, EuroClass: Cca-s1a,d1,a1, color: Aqua
CFR-00494	180580678	6-core Fiber Cable: OM3, EuroClass: Cca-s1a,d1,a1, color: Aqua
CFR-00495	180580679	8-core Fiber Cable: OM3, EuroClass: Cca-s1a,d1,a1, color: Aqua
CFR-00496	180580523	12-core Fiber Cable: OM3, EuroClass: Cca-s1a,d1,a1, color: Aqua
CFR-00497	180580640	24-core Fiber Cable: OM3, EuroClass: Cca-s1a,d1,a1, color: Aqua
<b>OM3, EuroClass: Eca</b>		
CFR-00380	180580449	4-core Fiber Cable: OM3, EuroClass: Eca, color: Green
CFR-00381	180580451	6-core fiber Cable: OM3, EuroClass: Eca, color: Green
CFR-00382	180580453	8-core Fiber Cable: OM3, EuroClass: Eca, color: Green
CFR-00383	180580454	12-core Fiber Cable: OM3, EuroClass: Eca, color: Green
CFR-00384	180580455	24-core Fiber Cable: OM3, EuroClass: Eca, color: Green
<b>OM4, EuroClass: Bca-s1a,d1,a1</b>		
CFR-00692	183280009	4-core Fiber Cable: OM4, EuroClass: Bca-s1a,d1,a1, color: Erika Violet
CFR-00693	183280010	6-core Fiber Cable: OM4, EuroClass: Bca-s1a,d1,a1, color: Erika Violet
CFR-00694	183280011	8-core Fiber Cable: OM4, EuroClass: Bca-s1a,d1,a1, color: Erika Violet
CFR-00695	183280012	12-core Fiber Cable: OM4, EuroClass: Bca-s1a,d1,a1, color: Erika Violet
CFR-00696	183280013	24-core Fiber Cable: OM4, EuroClass: Bca-s1a,d1,a1, color: Erika Violet
<b>OM4, EuroClass: Cca-s1a,d1,a1</b>		
CFR-00622	180580684	4-core Fiber Cable: OM4, EuroClass: Cca-s1a,d1,a1, color: Erika Violet
CFR-00623	180580685	6-core Fiber Cable: OM4, EuroClass: Cca-s1a,d1,a1, color: Erika Violet
CFR-00624	180580686	8-core Fiber Cable: OM4, EuroClass: Cca-s1a,d1,a1, color: Erika Violet
CFR-00625	183280003	12-core Fiber Cable: OM4, EuroClass: Cca-s1a,d1,a1, color: Erika Violet
CFR-00626	180580687	24-core Fiber Cable: OM4, EuroClass: Cca-s1a,d1,a1, color: Erika Violet
<b>OM4, EuroClass: Eca</b>		
CFR-00584	180580370	4-core Fiber Cable: OM4, EuroClass: Eca, color: Green
CFR-00585	180580371	6-core Fiber Cable: OM4, EuroClass: Eca, color: Green
CFR-00586	180580372	8-core Fiber Cable: OM4, EuroClass: Eca, color: Green
CFR-00587	180580373	12-core Fiber Cable: OM4, EuroClass: Eca, color: Green
CFR-00589	180580375	24-core Fiber Cable: OM4, EuroClass: Eca, color: Green
<b>OM5, EuroClass: Cca-s1a,d1,a1</b>		
CFR-00712	183280019	4-core Fiber Cable: OM5, EuroClass: Cca-s1a,d1,a1, color: Lime Green
CFR-00713	183280020	6-core Fiber Cable: OM5, EuroClass: Cca-s1a,d1,a1, color: Lime Green
CFR-00714	183280021	8-core Fiber Cable: OM5, EuroClass: Cca-s1a,d1,a1, color: Lime Green
CFR-00715	183280022	12-core Fiber Cable: OM5, EuroClass: Cca-s1a,d1,a1, color: Lime Green
CFR-00716	183280023	24-core Fiber Cable: OM5, EuroClass: Cca-s1a,d1,a1, color: Lime Green
<b>OM5, EuroClass: Bca-s1a,d1,a1</b>		

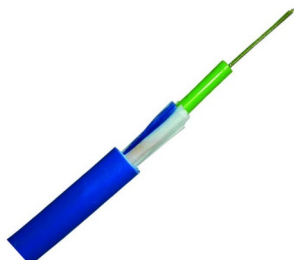
## Fiber Optic Solution Lightband Cable

Order No.	SAP No.	Description
CFR-00717	183280024	4-core Fiber Cable: OM5, EuroClass: Bca-s1a,d1,a1, color: Lime Green
CFR-00718	183280025	6-core Fiber Cable: OM5, EuroClass: Bca-s1a,d1,a1, color: Lime Green
CFR-00719	183280026	8-core Fiber Cable: OM5, EuroClass: Bca-s1a,d1,a1, color: Lime Green
CFR-00720	183280027	12-core Fiber Cable: OM5, EuroClass: Bca-s1a,d1,a1, color: Lime Green
CFR-00721	183280028	24-core Fiber Cable: OM5, EuroClass: Bca-s1a,d1,a1, color: Lime Green
<b>OS2, EuroClass: Bca-s1a,d1,a1</b>		
CFR-00697	183280014	4-core Fiber Cable: OS2, EuroClass: Bca-s1a,d1,a1, color: Yellow
CFR-00698	183280015	6-core Fiber Cable: OS2, EuroClass: Bca-s1a,d1,a1, color: Yellow
CFR-00699	183280016	8-core Fiber Cable: OS2, EuroClass: Bca-s1a,d1,a1, color: Yellow
CFR-00700	183280017	12-core Fiber Cable: OS2, EuroClass: Bca-s1a,d1,a1, color: Yellow
CFR-00701	183280018	24-core Fiber Cable: OS2, EuroClass: Bca-s1a,d1,a1, color: Yellow
<b>OS2, EuroClass: Cca-s1a,d1,a1</b>		
CFR-00498	180580680	4-core Fiber Cable: OS2, EuroClass: Cca-s1a,d1,a1, color: Yellow
CFR-00499	180580678	6-core Fiber Cable: OS2, EuroClass: Cca-s1a,d1,a1, color: Yellow
CFR-00500	180580682	8-core Fiber Cable: OS2, EuroClass: Cca-s1a,d1,a1, color: Yellow
CFR-00501	180580285	12-core Fiber Cable: OS2, EuroClass: Cca-s1a,d1,a1, color: Yellow
CFR-00502	180580683	24-core Fiber Cable: OS2, EuroClass: Cca-s1a,d1,a1, color: Yellow
<b>OS2, EuroClass: Eca</b>		
CFR-00387	180580464	4-core Fiber Cable: OS2, EuroClass: Eca, color: Green
CFR-00388	180580466	6-core Fiber Cable: OS2, EuroClass: Eca, color: Green
CFR-00389	180580468	8-core Fiber Cable: OS2, EuroClass: Eca, color: Green
CFR-00390	180580469	12-core Fiber Cable: OS2, EuroClass: Eca, color: Green
CFR-00392	180580471	24-core Fiber Cable: OS2, EuroClass: Eca, color: Green

### Fiber Cable - Multi-Purpose Loose Tube

Molex multi-purpose fiber optic loose tube cable is suitable for LAN backbones, telecom access lines and campus backbones. The cable is a gel filled central loose tube design with swellable glass yarns as a strength member and rodent protection. The outer jacket is LS0H, compliant the with EU Reaction to Fire regulation material.

- Loose tube
- Gel filled
- Glass strength member
- Compliant with EN 50575:2014+A1:2016 EU Reaction to Fire Performance criteria



Order No.	SAP No.	Description
<b>OM2, EuroClass: Eca, color: Blue</b>		
CFR-00569	180580481	4-Core Fiber Cable
CFR-00570	180580482	6-Core Fiber Cable
CFR-00571	180580483	8-Core Fiber Cable
CFR-00572	180580484	12-Core Fiber Cable
CFR-00573	180580485	24-Core Fiber Cable
<b>OM2, EuroClass: Bca-s1a,d1,a1, color: Aqua</b>		
CFR-00672	183150055	4-Core Fiber Cable
CFR-00673	183150056	6-Core Fiber Cable
CFR-00674	183150057	8-Core Fiber Cable
CFR-00675	183150058	12-Core Fiber Cable
CFR-00676	183150059	24-Core Fiber Cable
<b>OM3, EuroClass: Dca-s2-d1,a1, color: Aqua</b>		
CFR-00657	183150040	4-Core Fiber Cable
CFR-00658	183150041	6-Core Fiber Cable
CFR-00659	183150042	8-Core Fiber Cable
CFR-00660	183150043	12-Core Fiber Cable
CFR-00661	183150044	24-Core Fiber Cable
<b>OM3, EuroClass: Eca, color: Blue</b>		
CFR-00574	180580486	4-Core Fiber Cable
CFR-00575	180580487	6-Core Fiber Cable
CFR-00576	180580488	8-Core Fiber Cable
CFR-00577	180580489	12-Core Fiber Cable
CFR-00578	180580491	24-Core Fiber Cable
<b>OM4, EuroClass: Bca-s1a,d1,a1, color: Erika Violet</b>		
CFR-00677	183150060	4-Core Fiber Cable
CFR-00678	183150061	6-Core Fiber Cable
CFR-00679	183150062	8-Core Fiber Cable
CFR-00680	183150063	12-Core Fiber Cable
CFR-00681	183150064	24-Core Fiber Cable
<b>OM4, EuroClass: Dca-s2-d1,a1, color: Erika Violet</b>		
CFR-00662	183150045	4-Core Fiber Cable
CFR-00663	183150046	6-Core Fiber Cable
CFR-00664	183150047	8-Core Fiber Cable

## Fiber Optic Solution Lightband Cable

Order No.	SAP No.	Description
CFR-00665	183150048	12-Core Fiber Cable
CFR-00666	183150049	24-Core Fiber Cable
<b>OM4, EuroClass: Eca, color: Blue</b>		
CFR-00594	180580492	4-Core Fiber Cable
CFR-00595	180580493	6-Core Fiber Cable
CFR-00596	180580494	8-Core Fiber Cable
CFR-00597	180580495	12-Core Fiber Cable
CFR-00598	180580496	24-Core Fiber Cable
<b>OM5, EuroClass: Dca-s2-d1,a1, color: Lime Green</b>		
CFR-00702	183150070	4-Core Fiber Cable
CFR-00703	183150071	6-Core Fiber Cable
CFR-00704	183150072	8-Core Fiber Cable
CFR-00705	183150073	12-Core Fiber Cable
CFR-00706	183150074	24-Core Fiber Cable
<b>OM5, EuroClass: B2ca-s1a,d1,a1, color: Lime Green</b>		
CFR-00707	183150075	4-Core Fiber Cable
CFR-00708	183150076	6-Core Fiber Cable
CFR-00709	183150077	8-Core Fiber Cable
CFR-00710	183150078	12-Core Fiber Cable
CFR-00711	183150079	24-Core Fiber Cable
<b>OS2, EuroClass: B2a-s1a,d1,a1, color: Yellow</b>		
CFR-00682	183150065	4-Core Fiber Cable
CFR-00683	183150066	6-Core Fiber Cable
CFR-00684	183150067	8-Core Fiber Cable
CFR-00685	183150068	12-Core Fiber Cable
CFR-00686	183150069	24-Core Fiber Cable
<b>OS2, EuroClass: Dc1-s2,d1,a1, color: Yellow</b>		
CFR-00667	183150050	4-Core Fiber Cable
CFR-00668	183150051	6-Core Fiber Cable
CFR-00669	183150052	8-Core Fiber Cable
CFR-00670	183150053	12-Core Fiber Cable
CFR-00671	183150054	24-Core Fiber Cable
<b>OS2, EuroClass: Eca, color: Blue</b>		
CFR-00579	180580497	4-Core Fiber Cable
CFR-00580	180580498	6-Core Fiber Cable
CFR-00581	180580499	8-Core Fiber Cable
CFR-00582	180580500	12-Core Fiber Cable
CFR-00583	180580501	24-Core Fiber Cable



### Fiber Cable - Direct Burial Armored Loose Tube

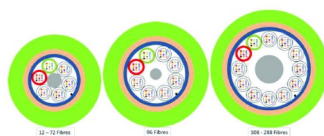
Molex Loose Tube Armored Fiber Cable is constructed of gel filled loose tubes (4-24 fibers). The core is water blocked, wrapped in polyester tape with an inner and outer MDPE sheath. Corrugated steel armoring makes the cable rodent resistant. The cable is designed for direct burial, outdoor data communication applications.

- Outdoor direct burial
- Corrugated steel armored
- Rodent resistant
- Gel filled loose tube construction
- Compliant with EN 50575:2014+A1:2016 EU Reaction to Fire Performance criteria:Fca

Order No.	SAP No.	Description
<b>OM2 (50/125)</b>		
CFR-00544	180570093	4-core Direct Burial Cable
CFR-00545	180570094	6-core Direct Burial Cable
CFR-00546	180570095	8-core Direct Burial Cable
CFR-00547	180570096	12-core Direct Burial Cable
CFR-00548	180570097	16-core Direct Burial Cable
CFR-00549	180570098	24-core Direct Burial Cable
<b>OM3 (50/125)</b>		
CFR-00551	180570100	4-core Direct Burial Cable
CFR-00552	180570101	6-core Direct Burial Cable
CFR-00553	180570102	8-core Direct Burial Cable
CFR-00554	180570103	12-core Direct Burial Cable
CFR-00555	180570104	16-core Direct Burial Cable
CFR-00556	180570105	24-core Direct Burial Cable
<b>OS1a/2 (9/125)</b>		
CFR-00558	180570107	4-core Direct Burial Cable
CFR-00559	180570108	6-core Direct Burial Cable
CFR-00560	180570109	8-core Direct Burial Cable
CFR-00561	180570110	12-core Direct Burial Cable
CFR-00562	180570111	16-core Direct Burial Cable
CFR-00563	180570112	24-core Direct Burial Cable



## Fiber Optic Solution Lightband Cable

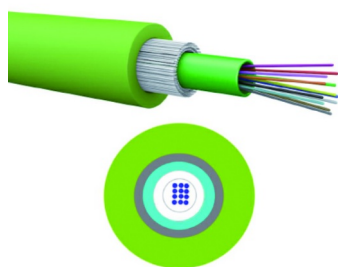


### Fiber Optic Distribution Cable OS2, Universal, Stranded Loose Tube

Molex LS0H OS2 9/125µm universal stranded loose tube fiber cable can be used for LAN and WAN applications. The cable is suitable for indoor on trays and outdoors and limited outdoor applications in ducts. The cable features a high tensile strength, is water blocked, and contains glass yarn strength members and a UV stabilized, LS0H EuroClass B2ca-s2a, d1, a1 sheath. This single mode fiber provides improved performance across the entire 1260nm to 1625nm wavelength spectrum due to its low attenuation in 1383nm water-peak region.

Order No.	SAP No.	Description
CFR-00776	183150125	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 24F
CFR-00778	183150127	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 36F
CFR-00779	183150128	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 48F
CFR-00780	183150129	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 72F
CFR-00777	183150126	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 96F
CFR-00781	183150130	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 144F
CFR-00782	183150131	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 288F

## Fiber Optic Solution Lightband Cable



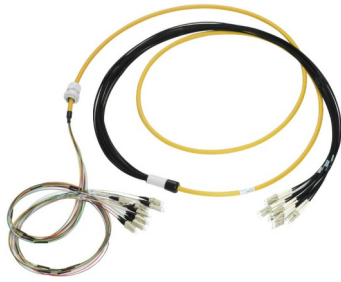
### Fiber Optic Distribution Cable, Indoor/Outdoor Non-Metallic Gel Filled Loose Tube, LS0H, B2ca-s1a,d1,a1

Molex LS0H central loose tube fiber cable can be used for LAN and WAN applications. Non-metallic rodent-proof Unitube cable with gel-filled tubes and water-blocked design, making it well suited for indoors on trays and in ducts, and limited outdoor use in ducts. The cable jacket is made of halogen-free, flame-retardant and UV stabilized material. LS0H EuroClass B2ca,s1a,d1,a1 sheath.

- Available in OS2, OM3, OM4 and OM5
- LAN and WAN applications
- Rodent proof
- LS0H EuroClass B2ca,s1a,d1,a1 sheath

Order No.	SAP No.	Description
CFR-00831	183150168	Optical Fiber Cable 4F Non-Metallic Unitube LS0H OS2 B2ca-s1a,d1,a1 - Yellow
CFR-00832	183150169	Optical Fiber Cable 6F Non-Metallic Unitube LS0H OS2 B2ca-s1a,d1,a1 - Yellow
CFR-00833	183150170	Optical Fiber Cable 8F Non-Metallic Unitube LS0H OS2 B2ca-s1a,d1,a1 - Yellow
CFR-00834	183150171	Optical Fiber Cable 12F Non-Metallic Unitube LS0H OS2 B2ca-s1a,d1,a1 - Yellow
CFR-00835	183150172	Optical Fiber Cable 24F Non-Metallic Unitube LS0H OS2 B2ca-s1a,d1,a1 - Yellow
CFR-00836	183150173	Optical Fiber Cable 4F Non-Metallic Unitube LS0H OM3 B2ca-s1a,d1,a1 - Aqua
CFR-00837	183150174	Optical Fiber Cable 6F Non-Metallic Unitube LS0H OM3 B2ca-s1a,d1,a1 - Aqua
CFR-00838	183150175	Optical Fiber Cable 8F Non-Metallic Unitube LS0H OM3 B2ca-s1a,d1,a1 - Aqua
CFR-00839	183150176	Optical Fiber Cable 12F Non-Metallic Unitube LS0H OM3 B2ca-s1a,d1,a1 - Aqua
CFR-00840	183150177	Optical Fiber Cable 24F Non-Metallic Unitube LS0H OM3 B2ca-s1a,d1,a1 - Aqua
CFR-00841	183150178	Optical Fiber Cable 4F Non-Metallic Unitube LS0H OM4 B2ca-s1a,d1,a1 - Erika Violet
CFR-00842	183150179	Optical Fiber Cable 6F Non-Metallic Unitube LS0H OM4 B2ca-s1a,d1,a1 - Erika Violet
CFR-00843	183150180	Optical Fiber Cable 8F Non-Metallic Unitube LS0H OM4 B2ca-s1a,d1,a1 - Erika Violet
CFR-00844	183150181	Optical Fiber Cable 12F Non-Metallic Unitube LS0H OM4 B2ca-s1a,d1,a1 - Erika Violet
CFR-00845	183150182	Optical Fiber Cable 24F Non-Metallic Unitube LS0H OM4 B2ca-s1a,d1,a1 - Erika Violet
CFR-00846	183150183	Optical Fiber Cable 4F Non-Metallic Unitube LS0H OM5 B2ca-s1a,d1,a1 - Lime Green
CFR-00847	183150184	Optical Fiber Cable 6F Non-Metallic Unitube LS0H OM5 B2ca-s1a,d1,a1 - Lime Green
CFR-00848	183150185	Optical Fiber Cable 8F Non-Metallic Unitube LS0H OM5 B2ca-s1a,d1,a1 - Lime Green
CFR-00849	183150186	Optical Fiber Cable 12F Non-Metallic Unitube LS0H OM5 B2ca-s1a,d1,a1 - Lime Green
CFR-00850	183150187	Optical Fiber Cable 24F Non-Metallic Unitube LS0H OM5 B2ca-s1a,d1,a1 - Lime Green

## 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](http://csp.molex.com).

# 91XXXXXXXXXXXXXXXXXXXX

Family	Fiber Count 4-144	Connectors at Two Ends	Fiber Type	Tail Length at Two Ends	Configuration at Two Ends	Length XXX=Length in meters	Jacket Color
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	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	U=OM1 V=OM2 W=OM3 X=OM4 N=OM5 Z=OS2	1=1M 2=2M 3=3M	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	U=No gland, pulling eye at End 1 V=No gland, pulling eye at End 2 Z=No gland and pulling eye	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=M20 Default. Gland O.D dependent upon cable O.D

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

## Fiber Optic Solution Lightband Patch Cords



### 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](http://csp.molex.com).

## 91.XX.XXX.XXXXX-X

Family	Connectors	Fiber Type	Cable Type	Jacket Type	Length (meters)	Special Code*	Jacket Color	Insertion Loss Code
	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	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	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)	1 = PVC 2 = LS0H 3 = Plenum	XXX=Length in meters 00A = 0.5 meter 00B = 1.5 meter 00C = 2.5 meter 00D = 3.5 meter 00E = 4.5 meter	(Blank)=default (none) S = 6 Colors Packed Pigtail T = 12 Colors Packed Pigtail	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	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



### Fiber Pigtails

Molex offers a comprehensive range of fiber optic pigtails for Singlemode and Multimode applications. Fiber Pigtails are available as standard in 1m lengths.

- Ruggedized cable construction
- Insertion loss better than 0.35 dB
- All meet or exceed the standards
- Other lengths available upon request

Order No.	SAP No.	Description
<b>OM2 (50/125)</b>		
91.10.532.00100	180610081	ST Pigtail, LS0H - 1m
91.30.532.00100	180610091	SC Pigtail, LS0H - 1m
91.L0.532.00100	180610092	LC Pigtail, LS0H - 1m
<b>OM3 (50/125)</b>		
91.10.332.00100	180610082	ST Pigtail, LS0H - 1m
91.30.332.00100	180610093	SC Pigtail, LS0H - 1m
91.L0.332.00100	180610094	LC Pigtail, LS0H - 1m
<b>OM4 (50/125)</b>		
91.10.432.00100	Consult Molex	ST Pigtail, LS0H - 1m
91.30.432.00100	Consult Molex	SC Pigtail, LS0H - 1m
91.L0.432.00100	180610169	LC Pigtail, LS0H - 1m
<b>OM5 (50/125)</b>		
91.L0.932.00100	Consult Molex	LC Pigtail, LS0H - 1m
<b>OS2 (9/125) G.657a2</b>		
91.10.832.00100	180610080	ST Pigtail, LS0H - 1m
91.30.832.00100	180610095	SC Pigtail, LS0H - 1m
91.L0.832.00100	180610096	LC Pigtail, LS0H - 1m



### Uniboot LC Low Loss Patch Cords

The Uniboot LC Low Loss Patch Cords are slim-line patch cords, ideal for high density/high speed applications. Using a uniboot patch cord provides a 50% space saving when compared to traditional optical patch cords. Ideal for Data center, SAN, Enterprise/Campus and Telco central office applications.

- Full Duplex in a single 3mm cable
- Available in Low Loss OM3, OM4, OM5 and G.657a2 Fiber Types
- Reduces space required in cable ways and racks improving access and HVAC performance
- LS0H sheath
- Cable length can be customized. Insert required length in place of the YYY in the part number.

Order No.	SAP No.	Description
91.MM.372.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Multimode OM3, Low Loss, LS0H - Aqua
91.MM.472.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Multimode OM4, Low Loss, LS0H - Erika Violet
91.MM.972.YYYL0	Consult Molex	Optical Fiber Patch Cord LC Uniboot - LC Uniboot OM5 Low Loss LS0H- Lime Green
91.MM.872.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Singlemode OS2 G.657a2, Low Loss, LS0H - Yellow
91.3M.373.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Multimode OM3, Low Loss, OFNP - Aqua
91.MM.473.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Multimode OM4, Low Loss, OFNP - Erika Violet
91.3M.972.YYYL0	182610001	DataGate/ModMosaic Adapter 22.5x45mm, Straight, Without Module, White, 25 pcs
91.MM.973.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Multimode OM5, Low Loss, OFNP - Lime Green
91.MM.873.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Singlemode OS1a/2, Low Loss, OFNP - Yellow
91.3M.473.YYYL0	Consult Molex	Optical Fiber Patch Cords, SC-LC Uniboot, Multimode, OM4, Low Loss, OFNP - Aqua
91.3M.973.YYYL0	Consult Molex	Optical Fiber Patch Cords, SC-LC Uniboot, Multimode, OM5, Low Loss, OFNP - Lime Green
91.3M.873.YYYL0	Consult Molex	Optical Fiber Patch Cords, SC-LC Uniboot, Singlemode OS1a/2, Low Loss, OFNP - Yellow

## Fiber Optic Solution Lightband Patch Cords and Pigtails



### 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.3D2.XXXL0	Consult Molex	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, Multimode OM3, Low Loss, LS0H, XXX meter, Aqua
91.PP.4D2.XXXL0	Consult Molex	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, Multimode OM4, Low Loss, LS0H, XXX meter, Erika Violet
91.PP.9D2.XXXL0	Consult Molex	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, Multimode OM5, Low Loss, LS0H, XXX meter, Lime Green
91.PP.8D2.XXXL0	Consult Molex	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, Singlemode G.657a2, Low Loss, LS0H, XXX meter, Yellow
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

# Fiber Optic Solution Lightband Rack Mount Solutions



RFR-00311-BK  
Shown assembled with:  
AFR-00618-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, OL = Beige

Order No.	SAP No.	Description
RFR-00311-BK	180370287	1U Multi-Function Fiber Enclosure Gen II
<b>Optional Enhancements</b>		
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
<b>RFR-00311-BK Specific Unloaded Adapter Plates</b>		
AFR-00518-04	180600396	SC Duplex, 12 Fiber Adapter Plate, Unloaded, Black
AFR-00519-04	180600397	LC Quad, 24 Fiber Adapter Plate, Unloaded, Black
AFR-00537-04	180600398	SC Simplex, 6 Fiber Adapter Plate, Unloaded, Black
AFR-00538-04	180600399	LC Duplex, 12 Fiber Adapter Plate, Unloaded, Black
AFR-00539-04	180600400	SC Simplex, 12 Fiber Adapter Plate, Unloaded, Black
AFR-00540-04	180600401	LC Duplex, 24 Fiber Adapter Plate, Unloaded, Black
AFR-00476-04	180600375	SC Simplex, 24 Fiber Adapter Plate, Unloaded, Black
AFR-00477-04	180600376	LC Duplex, 48 Fiber Adapter Plate, Unloaded, Black
AFR-00478-04	180600377	SC Duplex, 48 Fiber Adapter Plate, Unloaded, Black
AFR-00479-04	180600378	LC Quad, 96 Fiber Adapter Plate, Unloaded, Black
AFR-00480-04	180600379	SC Duplex, 24 Fiber Adapter Plate, Unloaded, Black
AFR-00481-04	180600380	LC Quad, 48 Fiber Adapter Plate, Unloaded, Black
AFR-00483-04	180600381	SC Duplex, 36 Fiber Adapter Plate, Unloaded, Black
AFR-00484-04	180600382	FC/ST, 24 Fiber Adapter Plate, Unloaded, Black
AFR-00598-BL	180600392	SC Simplex, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00599-GR	180600393	SC/APC Simplex, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00600-OL	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-00608-BL	180600410	SC Duplex, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00609-GR	180600411	SC/APC Duplex, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00610-OL	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-00618-BL	180600420	SC Duplex, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue

## Fiber Optic Solution Lightband Rack Mount Solutions

Order No.	SAP No.	Description
AFR-00619-GR	180600421	SC/APC Duplex, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
<b>RFR-00311-BK Specific Loaded Adapter Plates: SC, Unshuttered</b>		
AFR-00620-OL	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
AFR-00622-EV	180600424	SC Duplex, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00628-BL	180600433	SC Duplex, 36 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00629-GR	180600434	SC/APC Duplex, 36 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00630-OL	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-00633-BL	180600438	SC Simplex, 6 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00634-GR	180600439	SC/APC Simplex, 6 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00635-OL	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-00643-BL	180600448	SC Duplex, 12 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00644-GR	180600449	SC/APC Duplex, 12 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00645-OL	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-00690-LG	180600460	SC Duplex 48 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00692-LG	180600462	SC Duplex 24 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00694-LG	180600464	SC Duplex, 36 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00695-LG	180600465	SC Simplex, 6 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00697-LG	180600467	SC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
<b>RFR-00311-BK Specific Loaded Adapter Plates: SC, Shuttered</b>		
AFR-00699-LG	180600469	SC Simplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green
AFR-00701-LG	180600471	SC Duplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green
AFR-00703-LG	180600473	SC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green
AFR-00728-BL	180600496	SC Simplex, 6 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue
AFR-00729-GR	180600497	SC/APC Simplex, 6 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green
AFR-00730-OL	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-00738-BL	180600506	SC Simplex, 12 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue
AFR-00739-GR	180600507	SC/APC Simplex, 12 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green
AFR-00740-OL	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-00748-BL	180600516	SC Duplex, 24 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue
AFR-00749-GR	180600517	SC/APC Duplex, 24 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green
AFR-00750-OL	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



## Fiber Optic Solution Lightband Rack Mount Solutions

Order No.	SAP No.	Description
<b>RFR-00311-BK Specific Loaded Adapter Plates: LC, Unshuttered</b>		
AFR-00603-BL	180600405	LC Duplex, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00604-GR	180600406	LC/APC Duplex, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00605-OL	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-00613-BL	180600415	LC Quad, 96 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00614-GR	180600416	LC/APC Quad, 96 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00615-OL	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-00623-BL	180600425	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00624-GR	180600426	LC/APC Quad, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00625-OL	180600427	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige
AFR-00626-AQ	180600428	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua
AFR-00627-EV	180600429	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00638-BL	180600443	LC Duplex, 12 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00639-GR	180600444	LC/APC Duplex, 12 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00640-OL	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-00648-BL	180600453	LC Quad, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue
AFR-00649-GR	180600454	LC/APC Quad, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green
AFR-00650-OL	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
AFR-00652-EV	180600457	LC Quad, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet
AFR-00689-LG	180600459	LC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00691-LG	180600461	LC Quad, 96 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00693-LG	180600463	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00696-LG	180600466	LC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
AFR-00698-LG	180600468	LC Quad, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green
<b>RFR-00311-BK Specific Loaded Adapter Plates: LC, Shuttered</b>		
AFR-00669-LG	180600474	LC Quad, 48 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green
AFR-00700-LG	180600470	LC Duplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green
AFR-00702-LG	180600472	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green
AFR-00733-BL	180600501	LC Duplex, 12 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue
AFR-00734-GR	180600502	LC/APC Duplex, 12 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green
AFR-00735-OL	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-00743-BL	180600511	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue
AFR-00744-GR	180600512	LC/APC Duplex, 24 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green
AFR-00745-OL	180600513	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM1/OM2, Beige
AFR-00746-AQ	180600514	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM3/OM4, Aqua

## Fiber Optic Solution Lightband Rack Mount Solutions

Order No.	SAP No.	Description
AFR-00747-EV	180600515	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet
AFR-00753-BL	180600521	LC Quad, 48 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue
AFR-00754-GR	180600522	LC/APC Quad, 48 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green
AFR-00755-OL	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-00809-BL	180600621	LC Duplex, 48 Fiber Adapter Plate, Internal Shuttered, Singlemode, OS1/OS2, 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
<b>RFR-00311-BK Specific FTTX Adapter Plates</b>		
AFR-00766	180600537	LC, 4x64 Fiber Adapter Plate, Unloaded
AFR-00769	180600540	SC, 2x32 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
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-00764-BL	180600535	SC, 2x32 Fiber Adapter Plate, Loaded, Shuttered, Blue
AFR-00764-GR	180600559	SC, 2x32 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-00786-BL	180600561	LC, 4x32 Fiber Adapter Plate, Loaded, Shuttered, Blue
AFR-00786-GR	180600567	LC, 4x32 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-00790-BL	180600565	LC, 1x32 Fiber Adapter Plate, Loaded, Shuttered, Blue
AFR-00790-GR	180600571	LC, 1x32 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-00798-BL	180600573	SC, 2x16 Fiber Adapter Plate, Loaded, Shuttered, Blue
AFR-00798-GR	180600577	SC, 2x16 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-00800-BL	180600575	SC, 1x16 Fiber Adapter Plate, Loaded, Shuttered, Blue
AFR-00800-GR	180600579	SC, 1x16 Fiber Adapter Plate, Loaded, Shuttered, Green
AFR-00801-BL	180600576	SC, 1x8 Fiber Adapter Plate, Loaded, Shuttered, Blue
AFR-00801-GR	180600580	SC, 1x8 Fiber Adapter Plate, Loaded, Shuttered, Green
<b>6-Pak Adapter Plates</b>		
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-00363	180600141	6 Fiber Blank Plastic, pack of 4
AFR-00365	180600143	LC Duplex, 12 Fiber Adapter Plate, Singlemode, Blue
AFR-00368	180600146	SC Duplex, 12 Fiber Adapter Plate, Singlemode, Blue
AFR-00369	180600147	LC Quad, 12 Fiber Adapter Plate, Shuttered, Singlemode, Blue
AFR-00372	180600150	SC Duplex, 6 Fiber Adapter Plate, Multimode, OM3, Aqua
AFR-00405	180600162	SC/APC, 6 Fiber Angled Adapter Plate, Singlemode
AFR-00442	180600177	SC/APC Duplex, 12 Fiber Adapter Plate, Singlemode, Green
AFR-00373	180600151	SC Duplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM3, Aqua
AFR-00374	180600152	SC Duplex, 12 Fiber Adapter Plate, Multimode, OM3, Aqua
AFR-00375	180600153	LC Quad, 12 Fiber Adapter Plate, Multimode, OM3, Aqua
AFR-00376	180600154	LC Duplex, 12 Fiber Adapter Plate, Multimode, OM3, Aqua
AFR-00378	180600156	LC Quad, 24 Fiber LC Adapter Plate, Multimode, OM3, Aqua
AFR-00379	180600157	LC Quad, 24 Fiber LC Adapter Plate, Singlemode, Blue
AFR-00385	180600160	LC Quad, 12 Fiber Angled Adapter Plate, Multimode, OM3, Aqua
AFR-00386	180600161	6 Fiber Angled Plate SC/APC Connectors
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-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

## Fiber Optic Solution Lightband Rack Mount Solutions

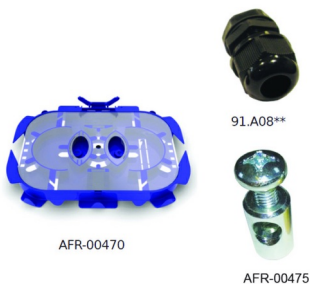
Order No.	SAP No.	Description
AFR-00684-LG	180600491	LC Quad, 24 Fiber LC Adapter Plate, Multimode, OM5 ,Lime Green
<b>Modular Splice Cassettes</b>		
AFR-00340	183190000	SC Duplex, 6 Fiber Modular Splice Cassette, Singlemode, OS1
AFR-00341	183190001	SC Duplex, 6 Fiber Modular Splice Cassette, Multimode, OM1
AFR-00342	183190002	SC Duplex, 6 Fiber Modular Splice Cassette, Multimode, OM2
AFR-00343	183190003	SC Duplex, 6 Fiber Modular Splice Cassette, Multimode, OM3
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
AFR-00348	183190008	LC Duplex, 12 Fiber Modular Splice Cassette, Singlemode, OS1
AFR-00349	183190009	LC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM1
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-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-00380	183190016	Modular Splice Cassette Housing and Lid
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-00406	183190020	SC/APC Duplex, 12 Fiber Modular Splice Cassette, Singlemode, OS1
AFR-00435	183190024	12P Duplex Modular Splice Cassette without Pigtail/Patch Cord
AFR-00436	183190025	DLC, 12 Fiber Modlink Splice Cassette, Singlemode, OS1 with Pigtails
AFR-00437	183190026	DLC, 12 Fiber Modlink Splice Cassette, Multimode, OM1 with Pigtails
AFR-00438	183190027	DLC, 12 Fiber Modlink Splice Cassette, Multimode, OM3 with Pigtails
AFR-00712-LG	183190091	DSC, 6 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails ,Lime Green
AFR-00713-LG	183190092	DSC, 6 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails, Low Loss ,Lime Green
AFR-00714-LG	183190093	DSC, 12 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails ,Lime Green
AFR-00715-LG	183190094	DSC, 12 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails, Low Loss ,Lime Green
AFR-00718-LG	183190097	DLC, 12 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails ,Lime Green
AFR-00719-LG	183190098	DLC, 12 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails, Low Loss ,Lime Green
AFR-00722-LG	183190101	QLC, 24 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails ,Lime Green
AFR-00723-LG	183190102	QLC, 24 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtails, Low Loss ,Lime Green
AFR-00726-LG	183190105	DLC, 12 Fiber Modular Splice Cassette, Multimode, OM5 with 1m Pigtails ,Lime Green
AFR-00727L-LG	183190106	DLC, 12 Fiber Modular Splice Cassette, Multimode, OM5 with 1m Pigtails, Low Loss ,Lime Green
AFR-00760	183190107	ST, 6 Fiber Modular Splice Cassette, Multimode, OM5
AFR-00761	183190108	ST, 6 Fiber Modular Splice Cassette, Multimode, OM5, Low Loss
<b>ModLink Cassettes</b>		
MLCQLC120M3L	180370266	QLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM3, Low Loss
MLCQLC120M2	180370267	QLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM2
MLCQLC120M1	180370268	QLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM1
MLCQLC120S1L	180370269	QLC, 12 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss
MLCSTC120M2	180370270	ST, 12 Fiber Mini ModLink Cassettes, Multimode, OM2
MLCSTC120M1	180370271	ST, 12 Fiber Mini ModLink Cassettes, Multimode, OM1
MLCDSC120S1L	181810135	DSC, 12 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss
MLCDLC120S1L	181810137	DLC, 12 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss
MLCDSC120M1	181810140	DSC, 12 Fiber Mini ModLink Cassettes, Multimode, OM1

## Fiber Optic Solution Lightband Rack Mount Solutions

Order No.	SAP No.	Description
MLCDLC12OM1	181810142	DLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM1
MLCDSC12OM2	181810145	DSC, 12 Fiber Mini ModLink Cassettes, Multimode, OM2
MLCDLC12OM2	181810147	DLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM2
MLCDSC12OM3L	181810150	DSC, 12 Fiber Mini ModLink Cassettes, Multimode, OM3 Low Loss
MLCDLC12OM3L	181810152	DLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM3 Low Loss
MLCQLC24OS1L	181810161	QLC, 24 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss
MLCQLC24OM1	181810162	QLC, 24 Fiber Mini ModLink Cassettes, Multimode, OM1
MLCQLC24OM3L	181810163	QLC, 24 Fiber Mini ModLink Cassettes, Multimode, OM3, Low Loss
MLCQLC24OM2	181810164	QLC, 24 Fiber Mini ModLink Cassettes, Multimode, OM2
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
MLCDSC12OM5	181810237	DSC, 12 Fiber ModLink Cassette, Multimode, OM5 ,Lime Green
MLCDSC12OM5L	181810238	DSC, 12 Fiber ModLink Cassette, Multimode, OM5, Low Loss ,Lime Green
MLCDLC12OM5	181810244	DLC, 12 Fiber ModLink Cassette, Multimode, OM5 ,Lime Green
MLCDLC12OM5L	181810245	DLC, 12 Fiber ModLink Cassette, Multimode, OM5, Low Loss ,Lime Green
MLCQLC12OM5	181810251	QLC, 12 Fiber ModLink Cassette, Multimode, OM5 ,Lime Green
MLCQLC12OM5L	181810252	QLC, 12 Fiber ModLink Cassette, Multimode, OM5, Low Loss ,Lime Green
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
<b>DataGate and Synergy Compatible 6 Fiber Plates</b>		
AFR-00440	183190029	6 Fiber Plate, 3XDG Module, Unequipped
AFR-00441	183190030	Adapter Plate 3xDG PowerCat 6A DataGate (with grounding screws) unloaded - 4 pack
<b>Splitter Box</b>		
FSA-00055	183670001	SC, 1x8 Splitter Box, Singlemode, Low Loss
FSA-00056	183670002	LC, 1x8 Splitter Box 2Pcs, Singlemode, Low Loss
AFR-00367	180810039	19-inch panel 48 x Keystone UTP/FTP, 1U, with cable shelf, without modules, black
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

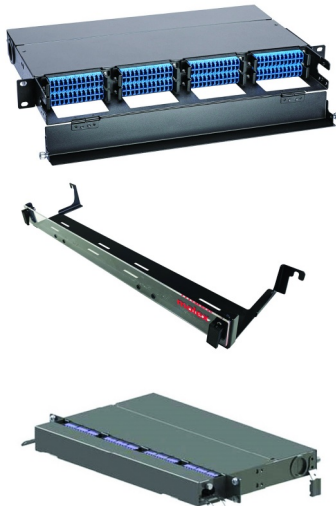
### 1U Multi-Function Fiber Enclosure Accessories



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.A1451	182680075	Cable Gland M20 7-14mm black
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



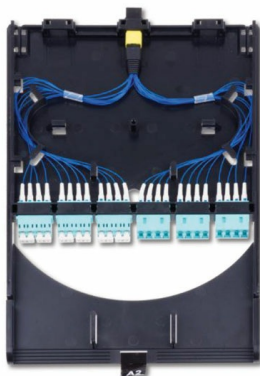
### Xtreme Density System

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 WECC 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 MPO/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

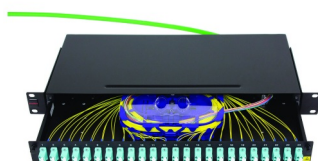


### High Density 1RU 144F Fiber Enclosure

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 assemblies

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	183530004	S/FTP cable cat. 7 600MHz, 4 pairs, 23AWG, LSZH, class Eca 13501-6, 1000m, Purple
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	181810317	HD Cassette 24F LCD Pigtail LL OM4, Black
HFR-14422	181810318	HD Cassette 24F LCD Pigtail LL OM5, Black



### Utility Fiber Enclosure 1U 24 Port Duplex LC

A cost-effective and convenient sliding drawer unit for the connection, protection and management of up to 48 fibers in 1U. Designed for simple low-density fiber installations on a budget, the Utility Fiber Enclosure includes only the essential features for the connection, protection and management of up to 48 fibers in 1U.

- Robust steel construction, finished in black
- Sliding drawer unit for ease of installation and access
- A self-adhesive splice holder, a M20 gland, blank grommet, kevlar clamp and fixing kit are included
- Rear access apertures provide four convenient cable or pre-terminated harness assembly, entry options



Adapters  
Page 65



Universal Splice  
Tray  
Page 52

Order No.	SAP No.	Description
RFR-00326	180660097	Utility Fiber Enclosure, 1U DLC, 48F - Unloaded

# Fiber Optic Solution Lightband Rack Mount Solutions



## Rack Mount Zero U Enclosure, Unloaded

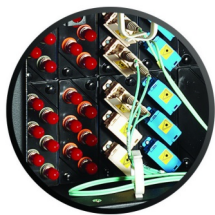
The Rack Mount Zero U Enclosure provides an effective solution for limited rack space applications. The enclosure is mounted at the side of a mounting pole where it does not occupy any standard rack unit. Designed to accommodate copper, fiber and multimedia modules, the enclosure supports most multimedia 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



### 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.

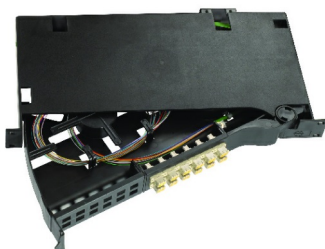
- Standard 19" rack mount
- Lightweight, lockable, and removable aluminium hinged front and rear doors provide security
- Externally mounted cable strain relief bracket mounts to accommodate cable routing from above or below
- Labeling incorporated on hinged, drop-down metal front door
- 1U Fiber Enclosure - 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
RFR-00303	180660047	Security kit

### Fiber Swing-Out Plastic Patch Panel

The Swing-Out Plastic Patch Panel is a lightweight, robust fiber optic patch panel designed for the installation of up to 48 fibers. The panel offers an economic alternative to metal fiber enclosures. The lower tray is designed to pivot enabling access to the pre-formed fiber and splice management areas for easy cable dressing and installation.

- High density, economic, 48 fiber enclosure
- Compatible with all common fiber adapters
- Manufactured from high-strength, lightweight material
- Lower tray of the panel pivots out for access to splice tray and pigtail routing area

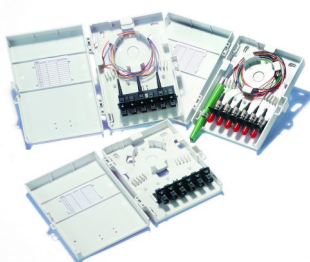
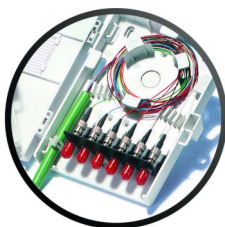


Order No.	SAP No.	Description
RFR-00205	180660017	Swing-Out Fiber Panel Chassis - 1U
RFR-00206	180660018	Swing Out Fiber Panel Front Plate Blank
RFR-00207	180660019	Swing Out Fiber Panel Shuttered Front Plate 6 Duplex SC SM
RFR-00208	180660020	Swing Out Fiber Panel Shuttered Front Plate 6 SC MM
RFR-00209	180660021	Swing Out Fiber Panel Shuttered Front Plate 12 Duplex LC SM
RFR-00210	180660022	Swing Out Fiber Panel Front Plate 12 ST SM/MM
RFR-00212	180660024	Swing-Out Panel Shuttered Front Plate 12 DLC MM
RFR-00213	180660025	Swing-Out Panel Unshuttered Front Plate 6 DSC SM
RFR-00214	180660026	Swing-Out Panel Unshuttered Front Plate 6 DSC MM
KFR-00038	182680003	Front Plate Label Sheet (Pack 20)
KFR-00039	182680004	Cable Anchor Bracket Kit (1 x cable anchor bracket, 1 x 435mm bend limiting tube)

### 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-00024-02	Consult Molex	8 Port ST 601 Enclosure, Unloaded
WFR-00025-02	180970013	8 Port ST 601 Enclosure, Multimode
WFR-00027-02	180970015	8 Port Duplex SC 601 Enclosure, Unloaded
WFR-00028-02	180970016	8 Port Duplex SC 601 Enclosure, Multimode
WFR-00029-02	180970017	8 Port Duplex SC 601 Enclosure, Singlemode
WFR-00030-02	180970078	12 Port LC 601 Enclosure, Unloaded
WFR-00033-02	180970078	12 Port LC 601 Enclosure, Unloaded
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



### 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-00001	180600027	Universal Splicing Tray
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-00053	182680049	Self Adhesive Cable Management Hub (2 pcs/pag), Black
KFR-00008	180600025	45mm Fusion Splice Protector - 2.4mm (o.d.)
KFR-00009	180600026	61mm Fusion Splice Protector - 2.4mm (o.d.)
KFR-00040	182680005	45mm Fusion Splice Protector - 2.2mm (o.d.)

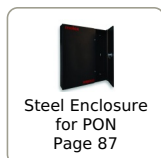


### Wall Mount Steel Enclosure

This secure wall-mounted steel enclosure has 12 ports that can accommodate 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

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



Steel Enclosure for PON  
Page 87



### 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 ingress
- 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
<b>Accessories</b>		
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 Enclosures



## 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.

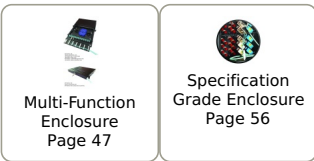
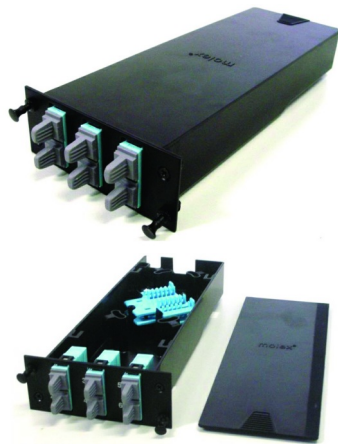
- High density solution up to 24F with LC Quad adapter
- Universal application for both copper and fibers, supports up to 3 port UTP/FTP RJ45 Jacks
- 35mm standard DIN Rail Mountable to support standard 35mm DIN rail application
- Compatible with 1 port MTP adapter plate to support MTP-LC fanout application
- 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 16

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

## Fiber Optic Solution Lightband Splicing



Multi-Function  
Enclosure  
Page 47

Specification  
Grade Enclosure  
Page 56

### 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

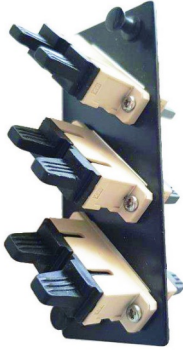
Order No.	SAP No.	Description
<b>6 Fiber Singlemode</b>		
AFR-00382	Consult Molex	6 Fiber Singlemode OS1a/OS2 ST
AFR-00382L	Consult Molex	6 Fiber Singlemode G.657a2 ST Low Loss
AFR-00340	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC Blue
AFR-00340L	Consult Molex	6 Fiber Singlemode G.657a2 Duplex 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
<b>6 Fiber Multimode</b>		
AFR-00383	Consult Molex	6 Fiber Multimode OM1 ST
AFR-00384	Consult Molex	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	Consult Molex	6 Fiber Multimode OM5 BI ST
AFR-00761	Consult Molex	6 Fiber Multimode OM5 BI ST Low Loss
AFR-00341	Consult Molex	6 Fiber Multimode OM1 Duplex SC Beige
AFR-00342	Consult Molex	6 Fiber Multimode OM2 BI Duplex SC Beige
AFR-00343	Consult Molex	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
<b>12 Fiber Singlemode</b>		
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-00406	Consult Molex	12 Fiber Singlemode G.657a2 Duplex SC APC Green
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
<b>12 Fiber Multimode</b>		
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
<b>24 Fiber Singlemode</b>		

## Fiber Optic Solution Lightband Splicing

Order No.	SAP No.	Description
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
<b>24 Fiber Multimode</b>		
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
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
<b>Accessories</b>		
AFR-00337	Consult Molex	24 Fiber Fusion Splice Holder
AFR-00380	183190016	Modular Splice Cassette Housing and Lid



## 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 Singlemode Adapter Plate - 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-00673-LG	180600478	SC Duplex, 6 Fiber Adapter Plate, 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-00359	180600137	6 Fiber Shuttered Duplex SC Adapter Plate OS1a/2 Blue
AFR-00118	180600042	6 Fiber Shuttered Duplex SC Adapter Plate, Singlemode, Blue
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
AFR-00675-LG	180600482	6 Fiber Shuttered Duplex SC Adapter Plate OM5 Lime Green
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

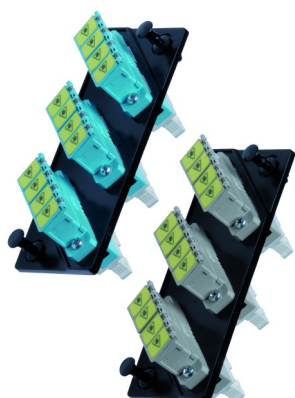


### 12 Fiber Adapter Plates

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 Adapter Plate, Multimode - Erika Violet
AFR-00544-EV	180600305	LC Duplex 12 Fiber Adapter Plate OM4 - Erika Violet
AFR-00679-LG	180600486	LC Duplex, 12 Fiber Adapter Plate OM5 - Lime Green
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, 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

# Fiber Optic Solution Lightband Adapter Plates



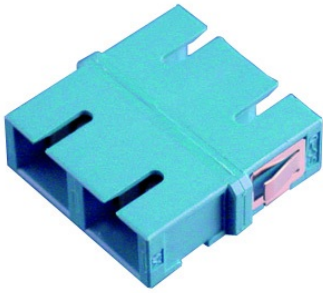
## High Density MPO/MTP Adapter Plate

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 Adapters

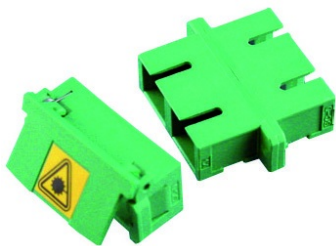


### Duplex SC Adapters

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

- 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
18282-0107	182820107	SC/SC Duplex Multimode Zirconia Flange Unshuttered - Erika Violet
18282-0226	182820226	SC/SC Duplex Multimode Zirconia Flange Unshuttered - Lime Green
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
18282-0111	182820111	SC/SC Duplex Multimode Zirconia Snap Mount Unshuttered - Erika Violet
<b>Shuttered</b>		
18282-0225	182820225	SC/SC Duplex Singlemode Zirconia Snap Mount Shuttered - Lime Green
18282-0187	182820187	SC/SC Duplex Zirconia Flange Mount Shuttered - Blue
18282-0189	182820189	SC/SC Duplex Zirconia Flange Mount Shuttered - Beige
18282-0190	182820190	SC/SC Duplex Zirconia Flange Mount Shuttered - Aqua
18282-0191	182820191	SC/SC Duplex Zirconia Flange Mount Shuttered - Erika Violet
18282-0218	182820218	SC/SC Duplex Zirconia Flange Mount Shuttered - Lime Green
18282-0192	182820192	SC/SC Duplex Zirconia Snap Mount Shuttered - Blue
18282-0194	182820194	SC/SC Duplex Zirconia Snap Mount Shuttered - Beige
AFR-00575-AQ	182820195	SC/SC Duplex Zirconia Snap Mount Shuttered - Aqua
18282-0196	182820196	SC/SC Duplex Zirconia Snap Mount Shuttered - Erika Violet
18282-0219	182820219	SC/SC Duplex Zirconia Snap Mount Shuttered- Lime Green
106166-0500A	Consult Molex	SC/SC Duplex Singlemode Zirconia Flange Mount Shuttered - Blue
18282-0188	182820188	SC/SC Shuttered Duplex Zirconia Flange Mount Shuttered - Green
<b>Adapter Shutters</b>		
106166-0200	Consult Molex	SC Duplex Adapter Shutter - Blue
106166-0210	Consult Molex	SC Duplex Adapter Shutter - Beige



### Duplex SC/APC Adapters

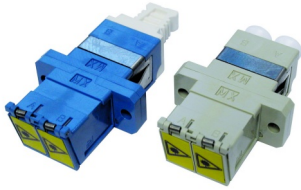
Duplex SC/APC adapters feature either a snap or flange mount and are designed for use with Angled Polish Connectors.

- 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
106166-0550	Consult Molex	SC/SC APC Duplex Singlemode Zirconia Flange Mount Shuttered - Green
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



## Fiber Optic Solution Lightband Adapters



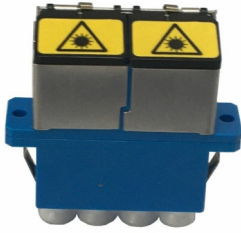
### Duplex LC Adapters

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

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

Order No.	SAP No.	Description
18282-0184	182820184	LC Shuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Beige
18282-0180	182820180	LC Shuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Beige
18282-0217	182820217	LC Shuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Lime Green
18282-0232	182820232	LC Shuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Lime Green
18282-0182	182820182	LC Shuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Blue
18282-0178	182820178	LC Shuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Blue
18282-0183	182820183	LC Shuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Green
18282-0177	182820177	LC Shuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Green
18282-0186	182820186	LC Shuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Erika Violet
18282-0181	182820181	LC Shuttered Duplex, Flange Mount, Zirconia Alignment Sleeve-Erika Violet
18282-0190	182820190	LC Shuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Aqua
18282-0179	182820179	LC Shuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Aqua
18282-0112	182820112	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Beige
18282-0117	182820117	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Beige
18282-0224	182820224	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Lime Green
18282-0227	182820227	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Lime Green
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
106127-1400	Consult Molex	LC Shuttered Duplex, Singlemode, OS1a Zirconia Ceramic Snap Mount - Blue
106127-0410	Consult Molex	LC Shuttered Duplex, Multimode OM1/OM2, Zirconia Snap Mount - Beige
106127-1350	Consult Molex	LC Shuttered Duplex SM OS1a Zirconia Ceramic Flange Mount - Green
106127-1450	Consult Molex	LC Shuttered Duplex SM OS1a Zirconia Ceramic Snap Mount - Green
106127-1300A	1061271300A	LC Shuttered Duplex, Singlemode, Zirconia Alignment
106127-1310A	1061271310A	LC Shuttered Duplex, Multimode, Zirconia Alignment Sleeve
106127-1300	1061271300	LC Shuttered Duplex, Singlemode OS1a/ Adapter - Blue
106127-0310	1061277030	LC Shuttered Duplex, Multimode OM1/2 Adapter - Beige
106127-0350	1061270350	LC Shuttered Duplex, Multimode OM3 Adapter - Aqua
KFR-00016	18600072	Duplex LC or Simplex SC Adapter Blanking Plug, pack of 20

## 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
18282-0198	182820198	LC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - Blue
18282-0200	182820200	LC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - Beige
AFR-00577-AQ	182820197	LC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - Aqua
18282-0201	182820201	LC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - EV
18282-0220	182820220	LC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - Lime Green
18282-0202	182820202	LC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - Blue
18282-0204	182820204	LC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - Aqua
18282-0205	182820205	LC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - Beige
18282-0206	182820206	LC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - EV
18282-0221	182820221	LC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - Lime Green
18282-0122	182820122	LC Quad, Zirconia Alignment Sleeve, Flange Mount - Beige
18282-0094	182820094	LC Quad, Zirconia Alignment Sleeve, Flange Mount - Erika Violet
18282-0228	182820228	LC Quad, Zirconia Alignment Sleeve, Flange Mount - Lime Green
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
18282-0229	182820229	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Lime Green
18282-0053	182820053	LC Quad, Zirconia Alignment Sleeve, Flange Mount - Blue
106123-0200	1061230200	LC Shuttered Quad, Singlemode OS1a/2 Adapter - Blue
106123-1200	1061231200	LC Shuttered Quad Multimode OM1/2 Adapter - Beige
106123-3200	1061233200	LC Shuttered Quad, Multimode OM3 Adapter - Aqua



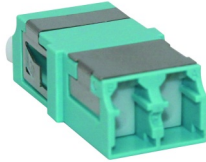
### ST Adapters

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
18282-0065	182820065	ST/ST Adapter, Singlemode/Multimode, Metal Body, Zirconia Sleeve

## Fiber Optic Solution Lightband Adapters



### 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

## Fiber Optic Solution Lightband Fiber-To-The-Desk



### 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

### 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



# Fiber Optic Solution Lightband Fiber-To-The-Desk



## Single Bezel LC Modules

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 Module, Multimode
MSY-00041	182030020	VCS description overlay for the module

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

# 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



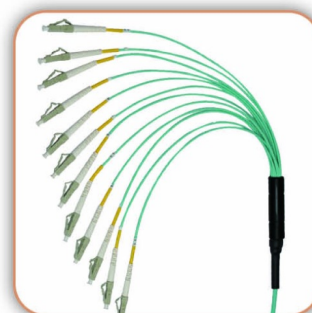
### Easy Installation

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

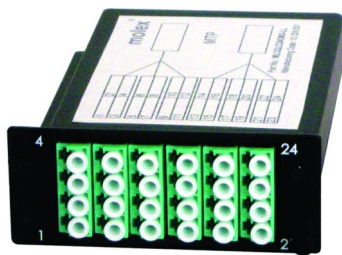
ModLink Cassettes provide a cost-effective, quick and easy fiber system, for backbone and to-the-desk applications. 12 Port LC ModLink Cassettes provide premium factory-controlled optical performance, enabling flexible system configuration and fast, economical installation. Simply plug the cable into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

- Self-contained fiber optic patching enclosures convert the MTP/MPO interface to a standard LC, SC or ST coupler
- Industry-leading low insertion loss for OS1a/2, OM3/4/5 Cassettes
- Available in Singlemode & Multimode versions
- Front port identification plus labeling field on cassette top for fiber documentation
- For use within Molex's Fiber Management Systems

Order No.	SAP No.	Description
<b>Duplex SC</b>		
MLCDSC12OM1	181810140	12 Port ModLink Cassette, Duplex SC, OM1 62.5µm Multimode
MLCDSC12OM2	181810145	12 Port ModLink Cassette, Duplex SC, OM2 50µm Multimode
MLCDSC12OM3L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM3 50µm Multimode, Low Loss
MLCDSC12OM4L	181810167	12 Port ModLink Cassette, Duplex SC, OM4 50µm Multimode, Low Loss
MLCDSC12OM5	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM5 Multimode
MLCDSC12OM5L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM5 Multimode, Low Loss
MLCDSC12OS2L	181810166	12 Port ModLink Cassette, Duplex SC, OS1a/2 Singlemode
MLCDLC12OM1	181810142	12 Port ModLink Cassette, Duplex LC, OM1 62.5µm Multimode
MLCDLC12OM2	181810147	12 Port ModLink Cassette, Duplex LC, OM2 50µm Multimode
<b>Duplex LC</b>		
MLCDLC12OM3L	Consult Molex	12 Port ModLink Cassette, Duplex LC, OM3 50µm Multimode, Low Loss
MLCDLC12OM4L	181810172	12 Port ModLink Cassette, Duplex LC, OM4 50µm Multimode, Low Loss
MLCDLC12OM5	Consult Molex	12 Port ModLink Cassette, Duplex LC, OM5 Multimode
MLCDLC12OM5L	Consult Molex	12 Port ModLink Cassette, Duplex LC, OM5 Multimode, Low Loss
MLCDLC12OS2L	181810173	12 Port ModLink Cassette, Duplex LC, OS1a/2 Singlemode
<b>Quad LC</b>		
MLCQLC12OM1	180370268	12 Port ModLink Cassette, Quad LC, OM1 62.5µm Multimode
MLCQLC12OM2	180370267	12 Port ModLink Cassette, Quad LC, OM2 50µm Multimode
<b>Quad LC</b>		
MLCQLC12OM3L	181810177	12 Port ModLink Cassette, Quad LC, OM3 50µm Multimode, Low Loss
MLCQLC12OM4L	181810176	12 Port ModLink Cassette, Quad LC, OM4 50µm Multimode, Low Loss
MLCQLC12OM5	Consult Molex	12 Port ModLink Cassette, Quad LC, OM5 Multimode
MLCQLC12OM5L	Consult Molex	12 Port ModLink Cassette, Quad LC, OM5 Multimode, Low Loss
MLCQLC12OS2L	181810175	12 Port ModLink Cassette, Quad LC, OS1a/2 Singlemode



## Pre-Terminated Solutions ModLink Fiber Plug and Play



### 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 Port Quad LC ModLink Cassettes provide premium factory-controlled optical performance, enabling flexible system configuration and fast, economical installation. Simply plug the cable into the rear of the unit and the link is operational - an excellent solution for fast-track installations.

- Self-contained fiber optic patching enclosures convert the MTP/MPO interface to a standard LC, SC or ST coupler
- Industry-leading low insertion loss for OS1a/2, OM3/4/5 Cassettes
- Available in Singlemode & Multimode versions
- Front port identification plus labeling field on cassette top for fiber documentation
- For use within Molex's Fiber Management Systems

Order No.	SAP No.	Description
MLCQLC24OM1	Consult Molex	24 Port ModLink Cassette, Quad LC, OM1 62.5µm Multimode
MLCQLC24OM2	Consult Molex	24 Port ModLink Cassette, Quad LC, OM2 50µm Multimode
MLCQLC24OM3L	Consult Molex	24 Port ModLink Cassette, Quad LC, OM3, 50µm, Multimode, Low Loss
MLCQLC24OM4L	181810171	24 Port ModLink Cassette, Quad LC, OM4, 50µm, Multimode, Low Loss
MLCQLC24OM5	Consult Molex	24 Port ModLink Cassette, Quad LC, OM5 Multimode
MLCQLC24OM5L	Consult Molex	24 Port ModLink Cassette, Quad LC, OM5, Multimode, Low Loss
MLCQLC24OS2L	Consult Molex	24 Port ModLink Cassette, Quad LC, OS2, Singlemode, Low Loss

### ModLink Advanced Fiber Optic Cassettes

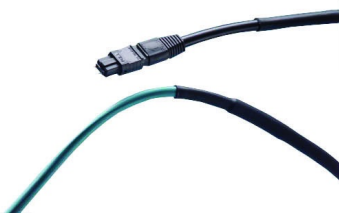


Molex Plug and Play Advanced Fiber Optic Systems offer premium factory-controlled optical performance, enable flexible system configuration and fast, economic installation. ModLink is ideal for mission critical applications such as data centers and storage area networks, applications where fast installation 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](http://csp.molex.com).

# 91-XAABB-YLLLC-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)

### Length

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

### 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

### Euro Class

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

### 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

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

## Pre-Terminated Solutions ModLink Fiber Plug and Play



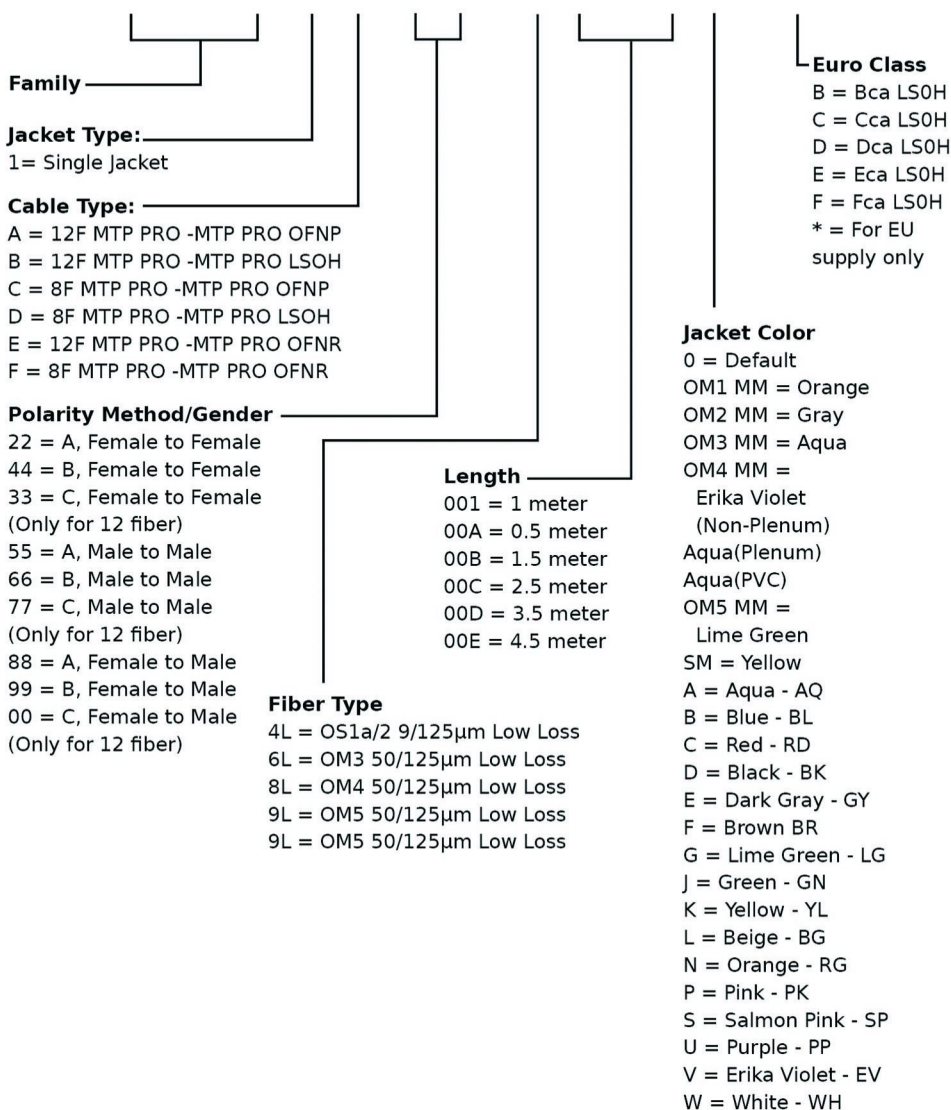
MTP Field Tool  
Page 105

### 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](http://csp.molex.com)

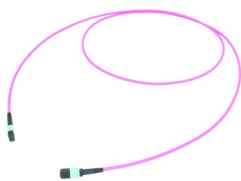
## 91-XAABB-YLLLC-E\*



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](http://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)

#### Length

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

#### 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

#### Euro Class

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

#### 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

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



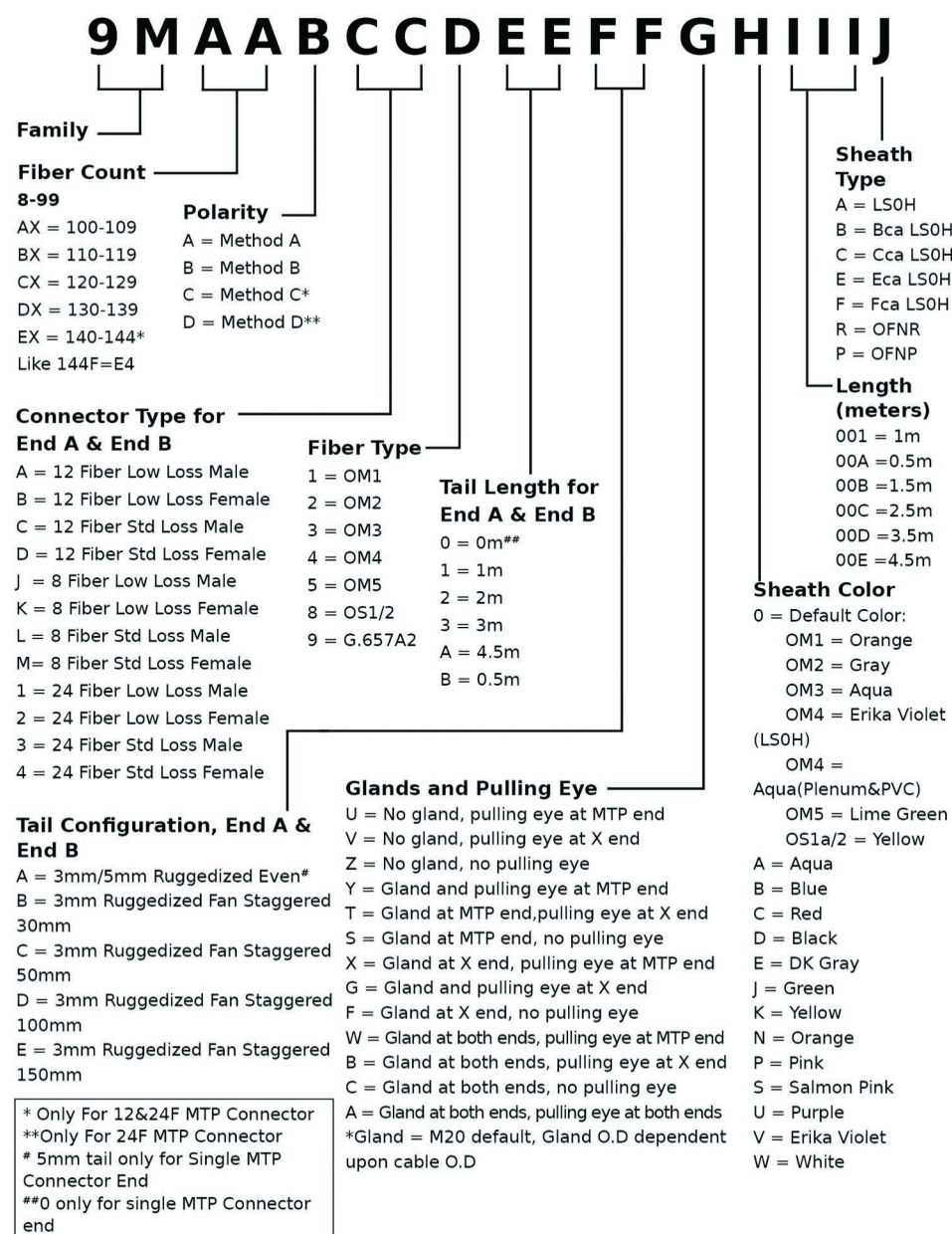
## Pre-Terminated Solutions ModLink Fiber Plug and Play



### 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
- LSOH 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](http://csp.molex.com).



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  
Page 105

### 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
- LSOH, 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 J									
<b>Family</b>		<b>Fiber Count</b>		<b>Polarity</b>		<b>Fiber Type</b>		<b>Tail Length for End A &amp; End B</b>	
8-99		8-99		A=Method A		1 = OM1		0 = 0m*	
AX=100-109		BX=110-119		B=Method B		2 = OM2		1 = 1m	
CX=120-129		DX=130-139		C=Method C*		3 = OM3		2 = 2m	
EX=140-144*		e.g. 144F=E4		* Only For 12 MTP Pro Connector		4 = OM4		3 = 3m	
<b>Connector Type for End A &amp; End B</b>		<b>Sheath Type</b>		<b>Length (meters)</b>		<b>Sheath Color</b>		<b>Tail Configuration, End A &amp; End B</b>	
Q = 12 Fiber Low Loss Male		A = LSOH		001 = 1m		0 = Default Color:		A = 3mm Ruggedized Even	
P = 12 Fiber Low Loss Female		B = Bca LSOH		00A = 0.5m		OM1 = Orange		B = 3mm Ruggedized Fan	
S = 8 Fiber Low Loss Male		C = Cca LSOH		00B = 1.5m		OM2 = Gray		C = 3mm Ruggedized Fan	
W = 8 Fiber Low Loss Female		E = Eca LSOH		00C = 2.5m		OM3 = Aqua		Staggered 30mm	
		F = Fca LSOH		00D = 3.5m		OM4 = Erika Violet (LSOH)		D = 3mm Ruggedized Fan	
		R = OFNR		00E = 4.5m		OM4 = Aqua (Plenum&PVC)		Staggered 50mm	
		P = OFNP				OM5 = Lime Green		Staggered 100mm	
						OS1a/2 = Yellow		E = 3mm Ruggedized Fan	
								Staggered 150mm	

## 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
- LSOH 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](http://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

### Sheath Type

A = LSOH

B = Bca LSOH

C = Cca LSOH

E = Eca LSOH

F = Fca LSOH

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 (LSOH)

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

### 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

### 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

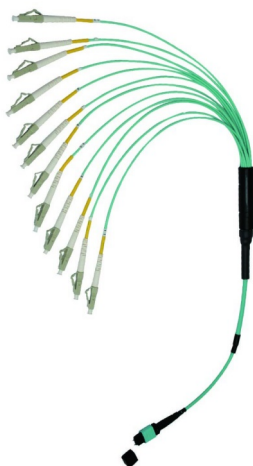
\*Gland = M20 default, Gland O.D dependent upon cable O.D

\* 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

Order No.	SAP No.	Description
8MAABCCDEEFFIIJ	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
- LSOH 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](http://csp.molex.com).

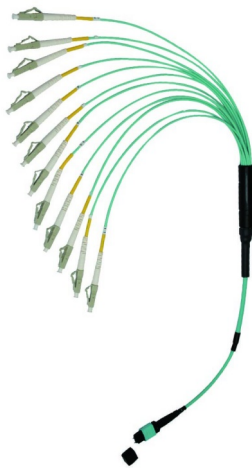
## 9 H A A A B C D E E F F G H I I I J

<b>Hybrid OF MTP- X Cables</b>  <b>8-144 Core Count</b>  <b>MTP Side Connector</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 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	<b>Fiber Type</b> 1 = OM1 2 = OM2 3 = OM3 4 = OM4 5 = OM5 8 = OS1a/2 9 = G.657A2  <b>Tail length at MTP end/X end</b> 0 = 0m* 1 = 1m 2 = 2m 3 = 3m A = 4.5m** B = 0.5m	<b>Length (meters)</b> 001 = 1m 00A = 0.5m 00B = 1.5m 00C = 2.5m 00D = 3.5m 00E = 4.5m  <b>Sheath Type</b> A = LSOH B = Bca LSOH C = Cca LSOH D = Dca LSOH E = Eca LSOH F = Fca LSOH R = OFNR P = OFNP
<b>Side Connector</b> 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	<b>Tail configuration at MTP end*/X end</b> 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 30mm 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	<b>Glands** and Pulling Eye</b> 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
<p>*: "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"</p> <p>** : "A" only for MTP end</p> <p>*: MTP end 3mm, Fanout end 2mm, 5mm for single MTP end</p> <p>**Gland = M20 default, Gland O.D dependent upon cable O.D</p>		<b>Sheath Color</b> 0 = Default Color: OM1 = Orange OM2 = Gray OM3 = Aqua OM4 = Erika Violet (LSOH) 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
9HAAABCDEEFFGHIIJJ	Consult Molex	Hybrid Pre-Terminated Cable Assemblies --



## Pre-Terminated Solutions ModLink Fiber Plug and Play



### 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

MTP Field Tool  
Page 105

## 9 H A A B C D E E F F G H 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 Type

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

#### Length (meters)

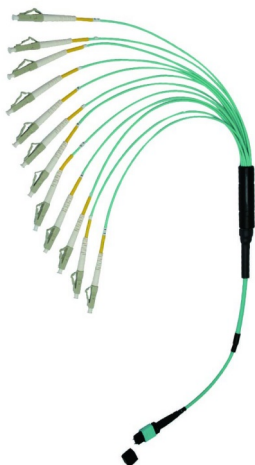
001 = 1m  
00A = 0.5m  
00B = 1.5m  
00C = 2.5m  
00D = 3.5m  
00E = 4.5m

#### Sheath Color

0 = Default  
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

Order No.	SAP No.	Description
9HAABCDEFFGHIJJ	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](http://csp.molex.com).

## 8 H 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

#### 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

#### 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

#### 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

#### 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

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.



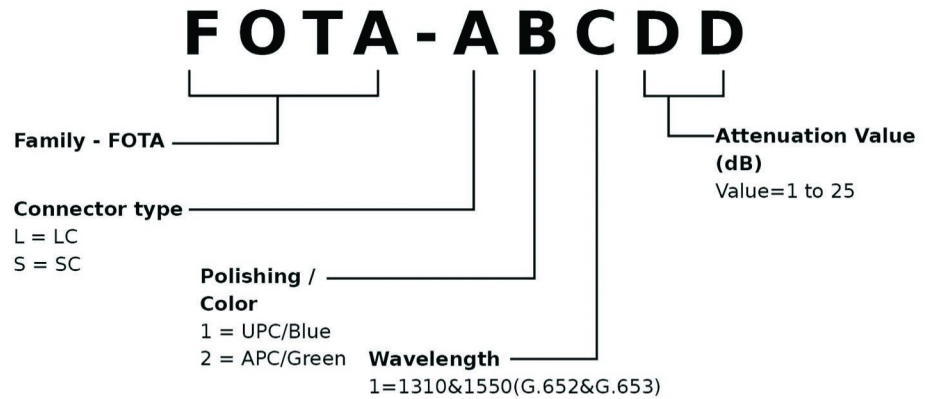
## Fiber Optic Solution Lightband Passive Optical Networks



### 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](http://csp.molex.com).



Other specifications can be made on customer request

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



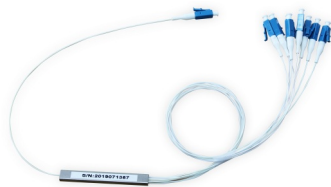
### Modular Splitter Box

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

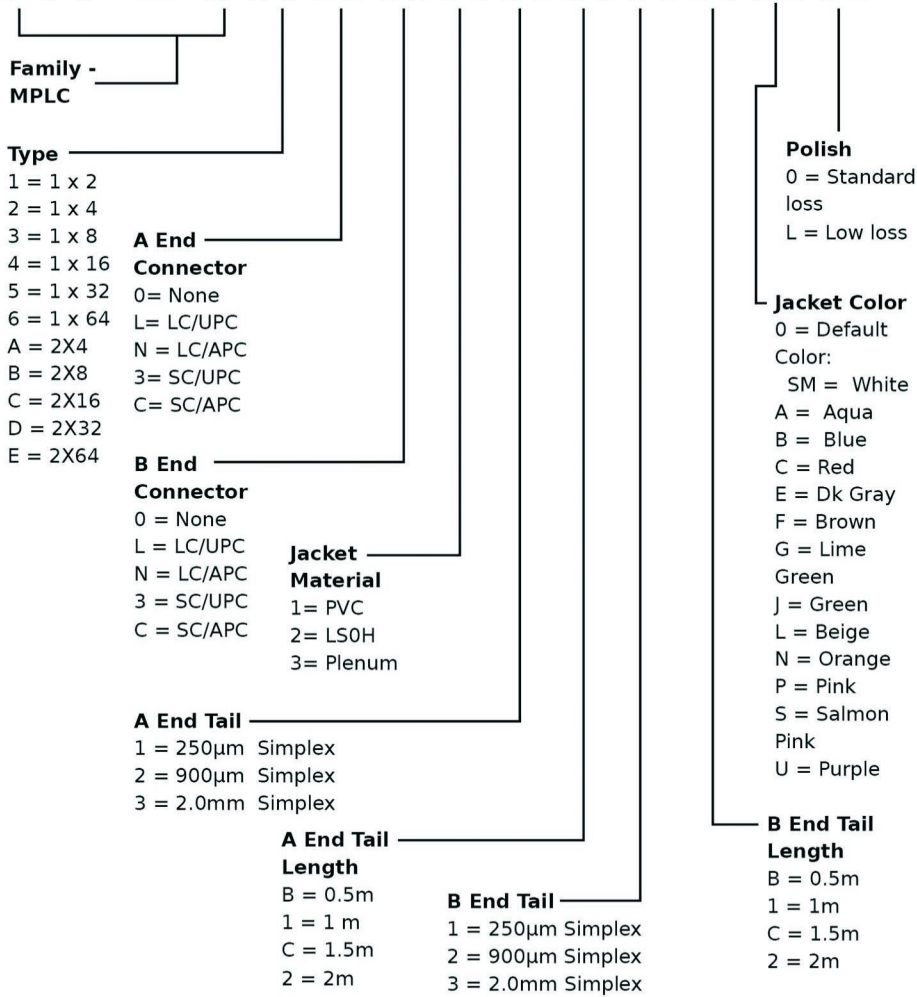


PLC Splitter

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](http://csp.molex.com).

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



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

## Fiber Optic Solution Lightband Passive Optical Networks



### Wall-Mounted Steel Enclosure

This secure wall-mounted steel enclosure has 12 ports that can accommodate 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  
Page 57



### 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

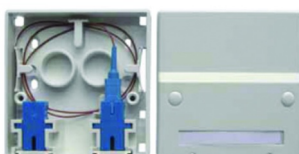


### In-Line Type Outdoor Fiber Optic Splice Enclosure

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.

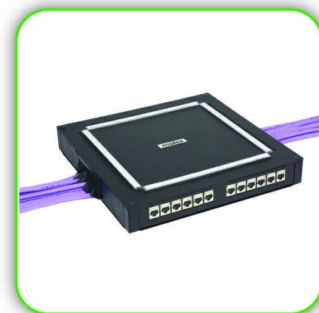


## Zone Enclosures & Consolidation Points



**In-Ceiling Enclosures**

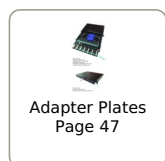
Robust and versatile products designed to house passive and active network equipment in a conveniently located, drop/suspended ceiling space to service a local work area or zone.



**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 and Consolidation Points



### 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)
<b>Accessories</b>		
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
KFR-00008	180600025	45mm Fusion Splice Protector - 2.4mm (o.d.)
KFR-00009	180600026	61mm Fusion Splice Protector - 2.4mm (o.d.)
KFR-00040	182680005	45mm Fusion Splice Protector - 2.2mm (o.d.)
91.A0860	182680013	Gland 4-8mm M20
91.A0870	182680014	Gland 6-12mm M20
91.A0880	182680015	Gland 9-14mm M20



### 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 includes 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	180080088	In-Ceiling Zone Enclosure
<b>Accessories</b>		
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



### 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.B0284	180310014	1U Side Ring
25.B0364	180310015	1U Side Ring, Deep
25.B0424	180310015	2U Side Ring
25.A029-04	Consult Molex	Brush Tidy Cable Management Panel - Black*
25.C001-04	181050044	Panel 1U with cover
25.B013-04	181080003	2U Ring Run Panel
25.D0104	182820140	Side cable hanger
RAA-00206	182060088	Set of hangers for vertical grilles, 10 pcs (including fastening rivets)

\* 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

# 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 3 Multi-pair U/UTP Cable

Molex 25, 50 and 100 pair Category 3 cable has been designed to support telephony voice wiring applications. The cable has been designed and tested in accordance with UL 444, EIA/TIA568 & ISO/IEC 11801 standards.

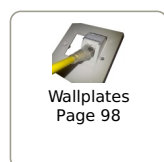
- Supports telephony voice wiring applications
- 25, 50 and 100 pair Cable
- LS0H Sheaths
- color coded pairs for ease of termination
- Compliant with EN 50575:2014+A1:2016 EU Reaction to Fire Performance criteria

Order No.	SAP No.	Description
CAA-00380	Consult Molex	Category 3 25 Pair LS0H Eca cable - per meter
CAA-00344	Consult Molex	Category 3 50 Pair LS0H Eca cable - 2km reel
CAA-00346	Consult Molex	Category 3 100 Pair LS0H Eca cable - 2km reel

## Outlet Configuration Solutions



Top : WNC-00053-02, MMS-00021-02  
Middle row: MGB-00009-02, MEU-00074-02  
Bottom row: MLG-00039-02, MLG-00038-02



### PowerCat Modules, Unloaded

Molex PowerCat unloaded modules are compatible with all Molex's unique shuttered DataGate Jacks. PowerCat Modules are specifically designed for compatibility with many European wall outlet styles. The angled design reduces the patch cord bend radius to prevent degradation of transmission performance in the work area outlet. The products are supplied unloaded (no jacks supplied), allowing installation flexibility. C5e and C6 UTP or C6A Shielded DataGate Jacks can be fitted as required. Manufactured of high-quality scratch resistant thermoplastic the unloaded modules are supplied with a transparent label cover and paper label for protected port identification. Loaded (inclusive of jack) versions of these modules are also available for customers preferring to purchase the module and jack under one part number.

- Specifically designed for commonly installed European wall outlet styles
- Compatible with C5e, C6 UTP and C6A DataGate Jacks
- Angled design reduces patch cord bend radius
- Protected labeling feature for clear port labeling
- High-quality, scratch resistant thermoplastic material

Order No.	SAP No.	Description
MMS-00021-02	183480004	MOD-SNAP III Module, Unloaded, White
MEU-00074-02	181240031	Euromod II Module, Unloaded, White
MGB-00009-02	181240032	Contura Module, Unloaded, White
WNC-00053-02	181240033	DIN Module, Unloaded, White
MLG-00038-02	181240036	22.5 X 45mm Module (Legrand Mosaic compatible), Unloaded, White
MLG-00038-04	181240040	22.5 X 45mm Module (Legrand Mosaic compatible), Unloaded, Black
MLG-00039-02	180070062	45 X 45mm Module (Legrand Mosaic compatible), Unloaded, White
MLG-00039-04	180070063	45 X 45mm Module (Legrand Mosaic compatible), Unloaded, Black

### MOD-SNAP Keystone Jack Fascia 38.5 x 25mm unloaded

The unloaded MOD-SNAP Keystone Fascia is specifically designed to accept the Molex Keystone Jack product range. The angled design reduces bend cord radius particularly in shallow floor box installations. The fascia is supplied with an integral spring loaded shutter for dust protection and a window labeling facility. The product is compatible with the MOD-SNAP wall plate range. Part numbers of compatible wall plates are shown below.

- Integral spring loaded shutter
- Protected labeling facility
- 38.5 x 25mm angled fascia
- Compatible with Keystone Jacks

Order No.	SAP No.	Description
MMS-00020-02	181770330	MOD-SNAP Keystone Jack Fascia, 38.5 x 25mm, unloaded - white

## Outlet Configuration Solutions



### Euromod Keystone Jack Fascia and Wall Plates Unloaded

The unloaded Euromod Keystone Fascia is specifically designed to accept the Molex Keystone Jack product range. The angled design reduces bend cord radius particularly in shallow floor box installations. The fascia is supplied with an integral spring loaded shutter for dust protection and a labeling window facility. The white Euromod Keystone Jack fascia is designed to fit into the white single gang (86 x 86mm) and double gang (86 x 145mm) wall plates, which are manufactured from the same color matched material

- Integral spring loaded shutter
- Protected labeling facility
- 25 x 50mm angled fascia
- Compatible with Keystone Jacks
- Matching single and double gang wall plates

Order No.	SAP No.	Description
MEU-00071-02	181770333	Euromod Keystone Jack Fascia Wall Plate, Single Gang 86 x 86mm - white
MEU-00072-02	181770334	Euromod Keystone Jack Fascia Wall Plate, Double Gang 86 x 1456mm - white
MEU-00073-02	181770332	Euromod Keystone Jack Fascia, 25 x 50mm, unloaded - white
WEU-00007-02	182610000	DataGate/Euromod adapter 25x50 mm, Straight, Without modules, White, 25 pcs
WEU-00001-02	181240023	Euromod cover for SBX-00002-02, 1G 2M boxes, White
SBX-00002-02	181240022	2 Port Modular Surface Box, Unloaded - White
WEU-00008-02	182610001	DataGate/ModMosaic adapter 22.5x45mm, Straight, without module, White, 25 pcs
17-0231-02	Consult Molex	Euromod Snap-in Adapter Collar (half) 50mm x 50mm
17-0232-02	Consult Molex	Euromod Snap-in Adapter Collar (full) 50mm x 50mm
42-311-02	181400006	Single Gang MOD-SNAP 1 Aperture - 86 x 86mm
42-312-02	181400005	Single Gang MOD-SNAP 2 Aperture - 86 x 86mm
42-314-02	181400008	Double Gang MOD-SNAP 4 Aperture - 86 x 146mm
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
MMS-00014-**	Consult Molex	MOD-SNAP Module Blank



### Keystone Jack Fascia 22.5 x 45mm Unloaded

The unloaded 22.5 x 45mm Keystone Fascia is specifically designed to accept the Molex Keystone Jack product range. The angled design reduces patch cord bend radius. The fascia is supplied with an integral spring loaded shutter for dust protection and a labeling window facility. The product is compatible with Legrand Mosaic wall plates (not supplied).

- Integral spring loaded shutter
- Protected labeling facility
- 22.5 x 45mm angled fascia
- Compatible with Legrand Mosaic wall plates
- Compatible with Keystone Jacks

Order No.	SAP No.	Description
MLG-00037-02	181770331	Keystone Jack Fascia, 22.5 x 45mm, unloaded - white
MLG-00038-02	181240036	22.5 X 45mm Module (Legrand Mosaic compatible), Unloaded, White

### DIN 49075 Keystone Jack Fascia & Bezel 2 Port 50 x 50mm unloaded

The unloaded DIN 49075 2 Port Keystone Fascia is specifically designed to accept the Molex Keystone Jack product range. The angled design reduces bend cord radius. The fascia is supplied with integral shutters for dust protection and a labeling window facility. The fascia includes a 50 x 50mm outer bezel.



Order No.	SAP No.	Description
WNC-00052-02	181770335	DIN 49075 Keystone Jack Fascia 2 Port with Bezel, unloaded - white

## 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
17-0231-02	181380001	Euromod Snap-In Adapter Collar (half) 25 x 50mm
17-0232-02	181380002	Euromod Snap-In Adapter Collar (full) 50 x 50mm
42-501	182180009	Euromod M1 1xRJ45, Angled, 568B, FTP, PowerCat 5e, 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
42-502-32	182030024	Surface-mounted box UK 2G 32mm, White



Euromod Modules  
Page 15



### 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  
Page 15



## Outlet Configuration Solutions



### Label Kits

Order No.	SAP No.	Description
35-X002	Consult Molex	Label holder and label pack (100) for Euromod/MOD-SNAP C5e
35-X003	Consult Molex	Label holder and label pack (250) for Euromod Wallplate
35-X004	Consult Molex	Label holder and label pack (100) for C5e Fixed Wallplates
CSP-00031	Consult Molex	Label holder and label pack (20) for DataGate modules
CSP-00038	Consult Molex	Label holder and label pack (100) for Synergy Wallplates and Surface boxes

# | 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 23



### 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.D0020P	182620070	Mod Mosaic 22.5x45mm 1xDuplex SC with Iris, Singlemode, Straight, White
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



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
106123-0200	1061230200	LC Shuttered Quad, Singlemode OS1a/2 Adapter - Blue	66
106123-1200	1061231200	LC Shuttered Quad Multimode OM1/2 Adapter - Beige	66
106123-3200	1061233200	LC Shuttered Quad, Multimode OM3 Adapter - Aqua	66
106127-0310	1061277030	LC Shuttered Duplex, Multimode OM1/2 Adapter - Beige	65
106127-0350	1061270350	LC Shuttered Duplex, Multimode OM3 Adapter - Aqua	65
106127-0410	Consult Molex	LC Shuttered Duplex, Multimode OM1/OM2, Zirconia Snap Mount - Beige	65
106127-1300	1061271300	LC Shuttered Duplex, Singlemode OS1a/ Adapter - Blue	65
106127-1300A	1061271300A	LC Shuttered Duplex, Singlemode, Zirconia Alignment	65
106127-1310A	1061271310A	LC Shuttered Duplex, Multimode, Zirconia Alignment Sleeve	65
106127-1350	Consult Molex	LC Shuttered Duplex SM OS1a Zirconia Ceramic Flange Mount - Green	65
106127-1400	Consult Molex	LC Shuttered Duplex, Singlemode, OS1a Zirconia Ceramic Snap Mount - Blue	65
106127-1450	Consult Molex	LC Shuttered Duplex SM OS1a Zirconia Ceramic Snap Mount - Green	65
106166-0200	Consult Molex	SC Duplex Adapter Shutter - Blue	64
106166-0210	Consult Molex	SC Duplex Adapter Shutter - Beige	64
106166-0500A	Consult Molex	SC/SC Duplex Singlemode Zirconia Flange Mount Shuttered - Blue	64
106166-0550	Consult Molex	SC/SC APC Duplex Singlemode Zirconia Flange Mount Shuttered - Green	64
16.A0012	180070055	22.5 x 45mm Blank Module - White	29
17-0101-02	Consult Molex	Euromod Single Gang Wallplate, 50mm x 50mm, No Labeling Facility	100
17-0111-02	181390001	Euromod Single Gang Wall Plate(with label facility) 86 x 86mm White	100
17-0112-02	181390002	Euromod Double Gang Wall Plate (with label facility) 86 x 145mm White	100
17-0231-02	Consult Molex	Euromod Snap-in Adapter Collar (half) 50mm x 50mm	99, 100
17-0232-02	Consult Molex	Euromod Snap-in Adapter Collar (full) 50mm x 50mm	99, 100
17-0412-02	180060060	Euromod Quarter (12.5 x 50mm) Blank - White	29, 99, 100
17-0413-02	181370005	Euromod Half (25 x 50mm) Blank - White	29, 99, 100
17-0414-02	180060062	Euromod Full (50 x 50mm) Blank - White	29, 99, 100
17.A0162	181210015	25 x 50mm Duplex SC Module, Multimode - 1 Adapter	68
17.A0172	181210014	25 x 50mm Duplex SC Module, Singlemode - 1 Adapter	68
17.A0182	182620006	25 x 50mm Duplex SC-ST Module, Multimode - 1 Adapter	68
17.A0192	182620007	25 x 50mm Duplex SC-ST Module, Singlemode - 1 Adapter	68
17.A0202	184000467	25 x 50mm Shuttered Duplex SC Module, Multimode - 1 Adapter	68
17.A0212	184000466	25 x 50mm Shuttered Duplex SC Module, Singlemode - 1 Adapter	68
17.A0222	182620008	25 x 50mm Shuttered Duplex SC-ST Module, Multimode - 1 Adapter	68
17.C0012	181770001	Unlabelled Three Port Euromod Wallplate, 114mm x 71mm x 9mm - Unloaded	100
18282-0037	182820037	SC/SC Duplex Singlemode Zirconia Flange Mount Unshuttered - Blue	64
18282-0038	182820038	SC/SC Duplex Singlemode Zirconia Snap Mount Unshuttered - Blue	64
18282-0039	182820039	SC/SC APC Duplex Singlemode Zirconia Flange Mount Unshuttered - Green	64
18282-0040	182820040	SC/SC APC Duplex Singlemode Zirconia Snap Mount Unshuttered - Green	64
18282-0045	182820045	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Blue	65
18282-0046	182820046	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Blue	65
18282-0047	182820047	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Green	65
18282-0048	182820048	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Green	65
18282-0053	182820053	LC Quad, Zirconia Alignment Sleeve, Flange Mount - Blue	66
18282-0054	182820054	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Blue	66
18282-0065	182820065	ST/ST Adapter, Singlemode/Multimode, Metal Body, Zirconia Sleeve	66
18282-0089	182820089	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Erika Violet	65
18282-0092	182820092	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Erika Violet	65
18282-0093	182820093	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Erika Violet	66
18282-0094	182820094	LC Quad, Zirconia Alignment Sleeve, Flange Mount - Erika Violet	66
18282-0103	182820103	SC/SC Duplex Multimode Zirconia Flange Unshuttered - Beige	64
18282-0104	182820104	SC/SC Duplex Multimode Zirconia Flange Unshuttered - Aqua	64
18282-0107	182820107	SC/SC Duplex Multimode Zirconia Flange Unshuttered - Erika Violet	64
18282-0108	182820108	SC/SC Duplex Multimode Zirconia Snap Mount Unshuttered - Beige	64
18282-0109	182820109	SC/SC Duplex Multimode Zirconia Snap Mount Unshuttered - Aqua	64
18282-0111	182820111	SC/SC Duplex Multimode Zirconia Snap Mount Unshuttered - Erika Violet	64
18282-0112	182820112	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Beige	65
18282-0113	182820113	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Aqua	65
18282-0117	182820117	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Beige	65
18282-0118	182820118	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Aqua	65
18282-0122	182820122	LC Quad, Zirconia Alignment Sleeve, Flange Mount - Beige	66
18282-0127	182820127	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Beige	66
18282-0128	182820128	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Aqua	66
18282-0177	182820177	LC Shuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Green	65
18282-0178	182820178	LC Shuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Blue	65
18282-0179	182820179	LC Shuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Aqua	65
18282-0180	182820180	LC Shuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Beige	65
18282-0181	182820181	LC Shuttered Duplex, Flange Mount, Zirconia Alignment Sleeve-Erika Violet	65
18282-0182	182820182	LC Shuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Blue	65
18282-0183	182820183	LC Shuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Green	65
18282-0184	182820184	LC Shuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Beige	65
18282-0185	182820185	LC Shuttered Duplex, Snap Mount, Multimode, OM3/4, Zirconia Alignment Sleeve- Aqua	65
18282-0186	182820186	LC Shuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Erika Violet	65
18282-0187	182820187	SC/SC Duplex Zirconia Flange Mount Shuttered - Blue	64
18282-0188	182820188	SC/SC Shuttered Duplex Zirconia Flange Mount Shuttered - Green	64
18282-0189	182820189	SC/SC Duplex Zirconia Flange Mount Shuttered - Beige	64
18282-0190	182820190	SC/SC Duplex Zirconia Flange Mount Shuttered - Aqua	64, 65
18282-0191	182820191	SC/SC Duplex Zirconia Flange Mount Shuttered - Erika Violet	64
18282-0192	182820192	SC/SC Duplex Zirconia Snap Mount Shuttered - Blue	64
18282-0194	182820194	SC/SC Duplex Zirconia Snap Mount Shuttered - Beige	64
18282-0196	182820196	SC/SC Duplex Zirconia Snap Mount Shuttered - Erika Violet	64
18282-0198	182820198	LC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - Blue	66
18282-0200	182820200	LC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - Beige	66
18282-0201	182820201	LC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - EV	66
18282-0202	182820202	LC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - Blue	66
18282-0204	182820204	LC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - Aqua	66
18282-0205	182820205	LC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - Beige	66
18282-0206	182820206	LC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - EV	66
18282-0217	182820217	LC Shuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Lime Green	65
18282-0218	182820218	SC/SC Duplex Zirconia Flange Mount Shuttered - Lime Green	64
18282-0219	182820219	SC/SC Duplex Zirconia Snap Mount Shuttered- Lime Green	64

## Order No. Reference

Order No.	SAP No.	Description	Page
18282-0220	182820220	LC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - Lime Green	66
18282-0221	182820221	LC Shuttered Quad, Zirconia Alignment Sleeve, Snap Mount - Lime Green	66
18282-0224	182820224	LC Unshuttered Duplex, Flange Mount, Zirconia Alignment Sleeve - Lime Green	65
18282-0225	182820225	SC/SC Duplex Singlemode Zirconia Snap Mount Shuttered - Lime Green	64
18282-0226	182820226	SC/SC Duplex Multimode Zirconia Flange Unshuttered - Lime Green	64
18282-0227	182820227	LC Unshuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Lime Green	65
18282-0228	182820228	LC Quad, Zirconia Alignment Sleeve, Flange Mount - Lime Green	66
18282-0229	182820229	LC Quad, Zirconia Alignment Sleeve, Snap Mount - Lime Green	66
18282-0232	182820232	LC Shuttered Duplex, Snap Mount, Zirconia Alignment Sleeve - Lime Green	65
18282-0249	182820249	Duplex LC SM OS1/2, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Blue	67
18282-0250	182820250	Duplex LC MM OM3/4, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Aqua	67
18282-0251	182820251	Duplex LC MM OM4, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Erika Violet	67
18282-0252	182820252	Duplex LC MM OM5, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Lime Green	67
18282-0253	182820253	Duplex LC SM OS1/2, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Blue	67
18282-0254	182820254	Duplex LC MM OM3/4, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Aqua	67
18282-0255	182820255	Duplex LC MM OM4, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Erika Violet	67
18282-0256	182820256	Duplex LC MM OM5, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Lime Green	67
25.A029-04	Consult Molex	Brush Tidy Cable Management Panel - Black*	94
25.B013-04	181080003	2U Ring Run Panel	94
25.B016-04	181080001	1U Ring Run Panel	94
25.B0284	180310014	1U Side Ring	94
25.B035-04	181080002	1U Deep Ring Run	94
25.B0364	180310015	1U Side Ring, Deep	94
25.B0424	180310015	2U Side Ring	94
25.C001-04	181050044	Panel 1U with cover	94
25.D0104	182820140	Side cable hanger	94
31.0010	182520001	4 Pair Termination Tool Frame, C5e/C6 UTP - MOD-Clip Jack only	104
31.0011	182520002	4 Pair Termination Tool Frame C6A FTP - DataGate Only	104
31.0012	182520003	Termination Head C5e/C6 UTP	104
31.0015	182520015	Termination Head C6A FTP	104
31.0016	182520017	Keystone Jack C6A UTP 4 Pair Termination Tool	104
33-100	180390001	SLT3 Tester (Master and Slave Units) with 9 Volt battery - UTP only	104
33.B0020	180390005	SLT3 UTP Tester with Carry Case	104
33.D0020P	182620070	Mod Mosaic 22.5x45mm 1xDuplex SC with Iris, Singlemode, Straight, White	104
33A-100-10	180390011	SLT3S Tester (Master and Slave Units) with 9 Volt battery, UTP and Shielded	104
35-X002	Consult Molex	Label holder and label pack (100) for Euromod/MOD-SNAP C5e	101
35-X003	Consult Molex	Label holder and label pack (250) for Euromod Wallplate	101
35-X004	Consult Molex	Label holder and label pack (100) for C5e Fixed Wallplates	101
39-504-5E	181700098	PowerCat U/UTP C5e LS0H Cable, Dca-s2,d2,a1 - 305m Reel - Violet	32
42-311-02	181400006	Single Gang MOD-SNAP 1 Aperture - 86 x 86mm	99, 100
42-312-02	181400005	Single Gang MOD-SNAP 2 Aperture - 86 x 86mm	99, 100
42-314-02	181400008	Double Gang MOD-SNAP 4 Aperture - 86 x 146mm	99, 100
42-501	182180009	Euromod M1 1xRJ45, Angled, 568B, FTP, PowerCat 5e, White	100
42-502-32	182030024	Surface-mounted box UK 2G 32mm, White	100
81-XAABB-YLLC-E	Consult Molex	ModLink Advanced Fiber Optic Cables	76
86117-1401	861171401	6 Fiber Shuttered MT-RJ Adapter Plate, Singlemode/Multimode	61
8HAAABCDDEFFGHIIJ	Consult Molex	MPO-X Fiber Optic Cable Assembly	81
8MAABCCDEEFFIIJ	Consult Molex	MPO-MPO Pre-Terminated Multicore Cable Assemblies	78
91-XAABB-YLLC-E	Consult Molex	ModLink Cables	73, 75
91.10.332.00100	180610082	ST Pigtail, LS0H - 1m	45
91.10.432.00100	Consult Molex	ST Pigtail, LS0H - 1m	45
91.10.532.00100	180610081	ST Pigtail, LS0H - 1m	45
91.10.832.00100	180610080	ST Pigtail, LS0H - 1m	45
91.30.332.00100	180610093	SC Pigtail, LS0H - 1m	45
91.30.432.00100	Consult Molex	SC Pigtail, LS0H - 1m	45
91.30.532.00100	180610091	SC Pigtail, LS0H - 1m	45
91.30.832.00100	180610095	SC Pigtail, LS0H - 1m	45
91.3M.373.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Multimode OM3, Low Loss, OFNP - Aqua	45
91.3M.473.YYYL0	Consult Molex	Optical Fiber Patch Cords, SC-LC Uniboot, Multimode, OM4, Low Loss, OFNP - Aqua	45
91.3M.873.YYYL0	Consult Molex	Optical Fiber Patch Cords, SC-LC Uniboot, Singlemode OS1a/2, Low Loss, OFNP - Yellow	45
91.3M.972.YYYL0	182610001	DataGate/ModMosaic Adapter 22.5x45mm, Straight, Without Module, White, 25 pcs	45
91.3M.973.YYYL0	Consult Molex	Optical Fiber Patch Cords, SC-LC Uniboot, Multimode, OM5, Low Loss, OFNP - Lime Green	45
91.A0860	Consult Molex	Gland 4-8mm M20	52, 91
91.A0870	Consult Molex	Gland 6-12mm M20	52, 91
91.A0880	Consult Molex	Gland 9-14mm M20	52, 91
91.A1451	182680075	Cable Gland M20 7-14mm black	52
91.L0.332.00100	180610094	LC Pigtail, LS0H - 1m	45
91.L0.432.00100	180610169	LC Pigtail, LS0H - 1m	45
91.L0.532.00100	180610092	LC Pigtail, LS0H - 1m	45
91.L0.832.00100	180610096	LC Pigtail, LS0H - 1m	45
91.L0.932.00100	Consult Molex	LC Pigtail, LS0H - 1m	45
91.MM.372.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Multimode OM3, Low Loss, LS0H - Aqua	45
91.MM.472.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Multimode OM4, Low Loss, LS0H - Erika Violet	45
91.MM.473.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Multimode OM4, Low Loss, OFNP - Erika Violet	45
91.MM.872.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Singlemode OS2 G.657a2, Low Loss, LS0H - Yellow	45
91.MM.873.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Singlemode OS1a/2, Low Loss, OFNP - Yellow	45
91.MM.972.YYYL0	Consult Molex	Optical Fiber Patch Cord LC Uniboot - LC Uniboot OM5 Low Loss LS0H- Lime Green	45
91.MM.973.YYYL0	Consult Molex	Optical Fiber Patch Cords, LC Uniboot-LC Uniboot, Multimode OM5, Low Loss, OFNP - Lime Green	45
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	46
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	46
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	46
91.PP.3D2.XXXL0	Consult Molex	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, Multimode OM3, Low Loss, LS0H, XXX meter, Aqua	46
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	46
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	46
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	46
91.PP.4D2.XXXL0	Consult Molex	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, Multimode OM4, Low Loss, LS0H, XXX meter, Erika Violet	46
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	46
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	46
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	46

## Order No. Reference

Order No.	SAP No.	Description	Page
91.PP.8D2.XXXL0	Consult Molex	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, Singlemode G.657a2, Low Loss, LS0H, XXX meter, Yellow	46
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	46
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	46
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	46
91.PP.9D2.XXXL0	Consult Molex	Optical Fiber Patch Cords, Uniboot, Reversible Polarity, LC Push Pull-LC Push Pull, Multimode OM5, Low Loss, LS0H, XXX meter, Lime Green	46
91.XX.XXX.XXXXX-X	Consult Molex	Fiber Optic Patch Cords	44
91XXXXXXXXXXXXXXXXXX	Consult Molex	Pre-terminated Fiber Optic Leads	43
9HAAABCDDEFFGHIIJ	Consult Molex	Hybrid Pre-Terminated Cable Assemblies --	80
9HAABCDDEFFGHIIJ	Consult Molex	MTP PRO-X Fiber Optic Cable Assembly	81
9MAABCCDEFFGHIIJ	Consult Molex	MTP-MTP Pre-Terminated Multicore Cable Assemblies	76, 78
ADA-00007	180140067	Sealing Cover for Push-Pull Jack - C6A	19
AFR-00001	180600027	Universal Splicing Tray	57
AFR-00118	180600042	6 Fiber Shuttered Duplex SC Adapter Plate, Singlemode, Blue	61
AFR-00182	180600129	6 Fiber Angled Duplex SC Adapter Plate, OM1/2 - Beige	61
AFR-00182-AQ	180600308	6 Fiber Angled Duplex SC Adapter Plate, OM3 - Aqua	61
AFR-00183	180600116	6 Fiber Angled Duplex SC Adapter Plate, OS1a/2 Singlemode, Blue	61
AFR-00222	180600069	Universal Splice Tray Carrier Kit	56, 57
AFR-00229	180600100	6 Fiber Shuttered Duplex SC/APC Adapter Plate OS1a/2 Green	61
AFR-00311	180600078	6 Fiber Shuttered Duplex SC Adapter Plate OM3 Aqua	61
AFR-00334	180690050	5 Fiber Mechanical Splice Holder	57
AFR-00335	180690051	6 Fiber Fusion Splice Holder	57
AFR-00336	180690052	Universal Splice Tray - 24 Fibers	57
AFR-00337	180690053	12 Fiber Fusion Splice Holder	57, 59
AFR-00338	180690054	Universal Splice Tray - Unloaded	57
AFR-00340	183190000	SC Duplex, 6 Fiber Modular Splice Cassette, Singlemode, OS1	47, 59
AFR-00340L	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC Blue Low Loss	59
AFR-00341	183190001	SC Duplex, 6 Fiber Modular Splice Cassette, Multimode, OM1	47, 59
AFR-00342	183190002	SC Duplex, 6 Fiber Modular Splice Cassette, Multimode, OM2	47, 59
AFR-00343	183190003	SC Duplex, 6 Fiber Modular Splice Cassette, Multimode, OM3	47, 59
AFR-00343L	Consult Molex	6 Fiber Multimode OM3 BI Duplex SC Aqua Low Loss	59
AFR-00344	183190004	SC Duplex, 12 Fiber Modular Splice Cassette, Singlemode, OS1	47, 59
AFR-00344L	Consult Molex	12 Fiber Singlemode G.657a2 Duplex SC Blue Low Loss	59
AFR-00345	183190005	SC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM1	47, 59
AFR-00346	183190006	SC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM2	47, 59
AFR-00347	183190007	SC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM3	47, 59
AFR-00347L	Consult Molex	12 Fiber Multimode OM3 BI Duplex SC Aqua Low Loss	59
AFR-00348	183190008	LC Duplex, 12 Fiber Modular Splice Cassette, Singlemode, OS1	47, 59
AFR-00348L	Consult Molex	12 Fiber Singlemode G.657a2 Duplex LC Blue Low Loss	59
AFR-00349	183190009	LC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM1	47, 59
AFR-00350	183190010	LC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM2	47, 59
AFR-00351	183190011	LC Duplex, 12 Fiber Modular Splice Cassette, Multimode, OM3	47, 59
AFR-00351L	Consult Molex	12 Fiber Multimode OM3 BI Duplex LC Aqua Low Loss	59
AFR-00352	183190012	LC Quad, 24 Fiber Modular Splice Cassette, Singlemode, OS1	47, 59
AFR-00352L	Consult Molex	24 Fiber Singlemode G.657a2 Quad LC Blue Low Loss	59
AFR-00353	183190013	LC Quad, 24 Fiber Modular Splice Cassette, Multimode, OM1	47, 59
AFR-00354	183190014	LC Quad, 24 Fiber Modular Splice Cassette, Multimode, OM2	47, 59
AFR-00355	183190015	LC Quad, 24 Fiber Modular Splice Cassette, Multimode, OM3	47, 59
AFR-00355L	Consult Molex	24 Fiber Multimode OM3 BI Quad LC Aqua Low Loss	59
AFR-00357	180600135	ST, 6 Fiber Adapter Plate, Singlemode	47, 61
AFR-00358	180600136	SC Duplex, 6 Fiber Adapter Plate, Singlemode , Blue	47, 61
AFR-00359	180600137	SC Duplex, 6 Fiber Adapter Plate, Shuttered, Singlemode , Blue	47, 61
AFR-00363	180600141	6 Fiber Blank Plastic, pack of 4	47
AFR-00364	180600142	ST 6 Fiber Adapter Plate unloaded	61
AFR-00365	180600143	LC Duplex, 12 Fiber Adapter Plate, Singlemode, Blue	47, 62
AFR-00367	180810039	19-inch panel 48 x Keystone UTP/FTP, 1U, with cable shelf, without modules, black	47
AFR-00368	180600146	SC Duplex, 12 Fiber Adapter Plate, Singlemode, Blue	47, 62
AFR-00369	180600147	LC Quad, 12 Fiber Adapter Plate, Shuttered, Singlemode, Blue	47, 62
AFR-00372	180600150	SC Duplex, 6 Fiber Adapter Plate, Multimode, OM3, Aqua	47, 61
AFR-00373	180600151	SC Duplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM3, Aqua	47
AFR-00374	180600152	SC Duplex, 12 Fiber Adapter Plate, Multimode, OM3, Aqua	47, 62
AFR-00375	180600153	LC Quad, 12 Fiber Adapter Plate, Multimode, OM3, Aqua	47, 62
AFR-00375-EV	180600306	LC Quad 12 Fiber Multimode OM4 Adapter Plate - Erika Violet	62
AFR-00376	180600154	LC Duplex, 12 Fiber Adapter Plate, Multimode, OM3, Aqua	47, 62
AFR-00378	180600156	LC Quad, 24 Fiber LC Adapter Plate, Multimode, OM3, Aqua	47, 62
AFR-00379	180600157	LC Quad, 24 Fiber LC Adapter Plate, Singlemode, Blue	47, 62
AFR-00380	183190016	Modular Splice Cassette Housing and Lid	47, 59
AFR-00382	183190017	ST, 6 Fiber Modular Splice Cassette, Singlemode, OS1	47, 59
AFR-00382L	Consult Molex	6 Fiber Singlemode G.657a2 ST Low Loss	59
AFR-00383	183190018	ST, 6 Fiber Modular Splice Cassette, Multimode, OM1	47, 59
AFR-00384	183190019	ST, 6 Fiber Modular Splice Cassette, Multimode, OM2	47, 59
AFR-00385	180600160	LC Quad, 12 Fiber Angled Adapter Plate, Multimode, OM3, Aqua	47
AFR-00386	180600161	6 Fiber Angled Plate SC/APC Connectors	47
AFR-00405	180600162	SC/APC, 6 Fiber Angled Adapter Plate, Singlemode	47
AFR-00406	183190020	SC/APC Duplex, 12 Fiber Modular Splice Cassette, Singlemode, OS1	47, 59
AFR-00406L	Consult Molex	12 Fiber Singlemode G.657a2 Duplex SC APC Green Low Loss	59
AFR-00422-04	180600170	40G/100G Adapter Plate ,Black	47, 63
AFR-00422-08	180600175	40G/100G Adapter Plate ,Gray	47, 63
AFR-00422-0J	180600172	40G/100G Adapter Plate ,Green	47, 63
AFR-00422-0L	180600171	40G/100G Adapter Plate ,Beige	47, 63
AFR-00422-AQ	180600173	40G/100G Adapter Plate ,Aqua	47, 63
AFR-00422-BL	180600174	40G/100G Adapter Plate ,Blue	47, 63
AFR-00435	183190024	12P Duplex Modular Splice Cassette without Pigtail/Patch Cord	47
AFR-00436	183190025	DLC, 12 Fiber Modlink Splice Cassette, Singlemode, OS1 with Pigtails	47
AFR-00437	183190026	DLC, 12 Fiber Modlink Splice Cassette, Multimode, OM1 with Pigtails	47
AFR-00438	183190027	DLC, 12 Fiber Modlink Splice Cassette, Multimode, OM3 with Pigtails	47
AFR-00440	Consult Molex	Adapter Plate 3x PowerCat DataGate unloaded	28, 47
AFR-00441	Consult Molex	Adapter Plate 3x PowerCat 6A DataGate (with grounding screws) unloaded	10, 47
AFR-00442	180600177	SC/APC Duplex, 12 Fiber Adapter Plate, Singlemode, Green	47



## Order No. Reference

Order No.	SAP No.	Description	Page
AFR-00468-04	180600394	6 Pak Adapter Front Plate	47
AFR-00469-04	180600395	Full Length Blanking Plate	47
AFR-00470	180600217	Universal Splice Tray, 24 Fiber with built in Cable Management, 1U Global Enclosure (Self Adhesive, 2 x 12F trays per pack)	52, 57, 91
AFR-00475	180600222	Kevlar Retention Post	52
AFR-00476-04	180600375	SC Simplex, 24 Fiber Adapter Plate, Unloaded, Black	47
AFR-00477-04	180600376	LC Duplex, 48 Fiber Adapter Plate, Unloaded, Black	47
AFR-00478-04	180600377	SC Duplex, 48 Fiber Adapter Plate, Unloaded, Black	47
AFR-00479-04	180600378	LC Quad, 96 Fiber Adapter Plate, Unloaded, Black	47
AFR-00480-04	180600379	SC Duplex, 24 Fiber Adapter Plate, Unloaded, Black	47
AFR-00481-04	180600380	LC Quad, 48 Fiber Adapter Plate, Unloaded, Black	47
AFR-00483-04	180600381	SC Duplex, 36 Fiber Adapter Plate, Unloaded, Black	47
AFR-00484-04	180600382	FC/ST, 24 Fiber Adapter Plate, Unloaded, Black	47
AFR-00486	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Erika Violet	59
AFR-00486L	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Erika Violet Low Loss	59
AFR-00487	Consult Molex	12 Fiber Multimode OM4 BI Duplex SC Erika Violet	59
AFR-00487L	Consult Molex	12 Fiber Multimode OM4 BI Duplex SC Erika Violet Low Loss	59
AFR-00488	Consult Molex	12 Fiber Multimode OM4 BI Duplex LC Erika Violet	59
AFR-00488L	Consult Molex	12 Fiber Multimode OM4 BI Duplex LC Erika Violet Low Loss	59
AFR-00489	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Erika Violet	59
AFR-00489L	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Erika Violet Low Loss	59
AFR-00490	Consult Molex	6 Fiber Multimode OM4 BI ST	59
AFR-00490L	Consult Molex	6 Fiber Multimode OM4 BI ST Low Loss	59
AFR-00499	Consult Molex	6 Fiber Multimode OM3 BI ST	59
AFR-00499L	Consult Molex	6 Fiber Multimode OM3 BI ST Low Loss	59
AFR-00500	180600246	SC Duplex 6 Fiber Adapter Plate, Multimode, OM4 - Erika Violet	61
AFR-00501	180600247	SC Duplex 12 Fiber Adapter Plate, Multimode OM4 - Erika Violet	62
AFR-00502	180600248	LC Quad 24 Fiber Multimode OM4 Adapter Plate - Erika Violet	62
AFR-00503	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Aqua	59
AFR-00503L	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Aqua Low Loss	59
AFR-00504	Consult Molex	12 Fiber Multimode OM4 BI Duplex SC Aqua	59
AFR-00504L	Consult Molex	12 Fiber Multimode OM4 BI Duplex SC Aqua Low Loss	59
AFR-00505	Consult Molex	12 Fiber Multimode OM4 BI Duplex LC Aqua	59
AFR-00505L	Consult Molex	12 Fiber Multimode OM4 BI Duplex LC Aqua Low Loss	59
AFR-00506	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Aqua	59
AFR-00506L	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Aqua Low Loss	59
AFR-00518-04	180600396	SC Duplex, 12 Fiber Adapter Plate, Unloaded, Black	47
AFR-00519-04	180600397	LC Quad, 24 Fiber Adapter Plate, Unloaded, Black	47
AFR-00537-04	180600398	SC Simplex, 6 Fiber Adapter Plate, Unloaded, Black	47
AFR-00538-04	180600399	LC Duplex, 12 Fiber Adapter Plate, Unloaded, Black	47
AFR-00539-04	180600400	SC Simplex, 12 Fiber Adapter Plate, Unloaded, Black	47
AFR-00540-04	180600401	LC Duplex, 24 Fiber Adapter Plate, Unloaded, Black	47
AFR-00544-EV	180600305	LC Duplex 12 Fiber Adapter Plate OM4 - Erika Violet	62
AFR-00548-EV	180600310	6 Fiber Angled Duplex SC Adapter Plate, OM4 - Erika Violet	61
AFR-00549	180600323	2 Port Fiber Wall Outlet, Unloaded, White	87
AFR-00575-AQ	182820195	SC/SC Duplex Zirconia Snap Mount Shuttered - Aqua	64
AFR-00577-AQ	182820197	LC Shuttered Quad, Zirconia Alignment Sleeve, Flange Mount - Aqua	66
AFR-00598-BL	180600392	SC Simplex, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue	47
AFR-00599-GR	180600393	SC/APC Simplex, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green	47
AFR-00600-OL	180600402	SC Simplex, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige	47
AFR-00601-AQ	180600403	SC Simplex, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua	47
AFR-00602-EV	180600404	SC Simplex, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet	47
AFR-00603-BL	180600405	LC Duplex, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue	47
AFR-00604-GR	180600406	LC/APC Duplex, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green	47
AFR-00605-OL	180600407	LC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige	47
AFR-00606-AQ	180600408	LC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua	47
AFR-00607-EV	180600409	LC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet	47
AFR-00608-BL	180600410	SC Duplex, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue	47
AFR-00609-GR	180600411	SC/APC Duplex, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green	47
AFR-00610-OL	180600412	SC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige	47
AFR-00611-AQ	180600413	SC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua	47
AFR-00612-EV	180600414	SC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet	47
AFR-00613-BL	180600415	LC Quad, 96 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue	47
AFR-00614-GR	180600416	LC/APC Quad, 96 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green	47
AFR-00615-OL	180600417	LC Quad, 96 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige	47
AFR-00616-AQ	180600418	LC Quad, 96 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua	47
AFR-00617-EV	180600419	LC Quad, 96 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet	47
AFR-00618-BL	180600420	SC Duplex, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue	47
AFR-00619-GR	180600421	SC/APC Duplex, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green	47
AFR-00620-OL	180600422	SC Duplex, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige	47
AFR-00621-AQ	180600423	SC Duplex, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua	47
AFR-00622-EV	180600424	SC Duplex, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet	47
AFR-00623-BL	180600425	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue	47
AFR-00624-GR	180600426	LC/APC Quad, 48 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green	47
AFR-00625-OL	180600427	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige	47
AFR-00626-AQ	180600428	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua	47
AFR-00627-EV	180600429	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet	47
AFR-00628-BL	180600433	SC Duplex, 36 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue	47
AFR-00629-GR	180600434	SC/APC Duplex, 36 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green	47
AFR-00630-OL	180600435	SC Duplex, 36 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige	47
AFR-00631-AQ	180600436	SC Duplex, 36 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua	47
AFR-00632-EV	180600437	SC Duplex, 36 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet	47
AFR-00633-BL	180600438	SC Simplex, 6 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue	47
AFR-00634-GR	180600439	SC/APC Simplex, 6 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green	47
AFR-00635-OL	180600440	SC Simplex, 6 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige	47
AFR-00636-AQ	180600441	SC Simplex, 6 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua	47
AFR-00637-EV	180600442	SC Simplex, 6 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet	47
AFR-00638-BL	180600443	LC Duplex, 12 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue	47
AFR-00639-GR	180600444	LC/APC Duplex, 12 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green	47
AFR-00640-OL	180600445	LC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige	47

## Order No. Reference

Order No.	SAP No.	Description	Page
AFR-00641-AQ	180600446	LC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua	47
AFR-00642-EV	180600447	LC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet	47
AFR-00643-BL	180600448	SC Duplex, 12 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue	47
AFR-00644-GR	180600449	SC/APC Duplex, 12 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green	47
AFR-00645-OL	180600450	SC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige	47
AFR-00646-AQ	180600451	SC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua	47
AFR-00647-EV	180600452	SC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet	47
AFR-00648-BL	180600453	LC Quad, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Blue	47
AFR-00649-GR	180600454	LC/APC Quad, 24 Fiber Adapter Plate, Unshuttered, Singlemode, OS1/2, Green	47
AFR-00650-OL	180600455	LC Quad, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM1/OM2, Beige	47
AFR-00651-AQ	180600456	LC Quad, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM3/OM4, Aqua	47
AFR-00652-EV	180600457	LC Quad, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM4, Erika Violet	47
AFR-00669-LG	180600474	LC Quad, 48 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green	47
AFR-00673-LG	180600478	SC Duplex, 6 Fiber Adapter Plate, Multimode, OM5, Lime Green	47, 61
AFR-00675-LG	180600482	SC Duplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green	47, 61
AFR-00678-LG	180600485	SC Duplex, 12 Fiber Adapter Plate, Multimode, OM5, Lime Green	47, 62
AFR-00679-LG	180600486	LC Duplex, 12 Fiber Adapter Plate, Multimode, OM5, Lime Green	47, 62
AFR-00681-LG	180600488	LC Quad, 12 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green	47, 62
AFR-00684-LG	180600491	LC Quad, 24 Fiber LC Adapter Plate, Multimode, OM5, Lime Green	47, 62
AFR-00686-LG	180600493	6 Fiber Angled Duplex SC Adapter Plate, OM5 - Lime Green	61
AFR-00689-04	180600526	SC Simplex/LC Duplex, 1 Port Adapter Plate, Unloaded	47
AFR-00689-LG	180600459	LC Duplex, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green	47
AFR-00690-04	180600527	MTP/MPO, 1 Port Adapter Plate, Unloaded	47
AFR-00690-LG	180600460	SC Duplex 48 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green	47
AFR-00691-LG	180600461	LC Quad, 96 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green	47
AFR-00692-LG	180600462	SC Duplex 24 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green	47
AFR-00693-LG	180600463	LC Quad, 48 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green	47
AFR-00694-LG	180600464	SC Duplex, 36 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green	47
AFR-00695-LG	180600465	SC Simplex, 6 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green	47
AFR-00696-LG	180600466	LC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green	47
AFR-00697-LG	180600467	SC Duplex, 12 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green	47
AFR-00698-LG	180600468	LC Quad, 24 Fiber Adapter Plate, Unshuttered, Multimode, OM5, Lime Green	47
AFR-00699-LG	180600469	SC Simplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green	47
AFR-00700-LG	180600470	LC Duplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green	47
AFR-00701-LG	180600471	SC Duplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green	47
AFR-00702-LG	180600472	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green	47
AFR-00703-LG	180600473	SC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM5, Lime Green	47
AFR-00710-GR	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC APC Green	59
AFR-00711-GR	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC APC Green Low Loss	59
AFR-00712-LG	183190091	DSC, 6 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtailed, Lime Green	47, 59
AFR-00713-LG	183190092	DSC, 6 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtailed, Low Loss, Lime Green	47, 59
AFR-00714-LG	183190093	DSC, 12 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtailed, Lime Green	47, 59
AFR-00715-LG	183190094	DSC, 12 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtailed, Low Loss, Lime Green	47, 59
AFR-00716-GR	Consult Molex	12 Fiber Singlemode G.657a2 Duplex LC APC Green	59
AFR-00717-GR	Consult Molex	12 Fiber Singlemode G.657a2 Duplex LC APC Green Low Loss	59
AFR-00718-LG	183190097	DLC, 12 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtailed, Lime Green	47, 59
AFR-00719-LG	183190098	DLC, 12 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtailed, Low Loss, Lime Green	47, 59
AFR-00720-GR	Consult Molex	24 Fiber Singlemode G.657a2 Quad LC APC Green	59
AFR-00721-GR	Consult Molex	24 Fiber Singlemode G.657a2 Quad LC APC Green Low Loss	59
AFR-00722-LG	183190101	QLC, 24 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtailed, Lime Green	47, 59
AFR-00723-LG	183190102	QLC, 24 Fiber Modular Splice Cassette, Multimode, OM5 with Pigtailed, Low Loss, Lime Green	47, 59
AFR-00726-LG	183190105	DLC, 12 Fiber Modular Splice Cassette, Multimode, OM5 with 1m Pigtailed, Lime Green	47
AFR-00727-LG	183190106	DLC, 12 Fiber Modular Splice Cassette, Multimode, OM5 with 1m Pigtailed, Low Loss, Lime Green	47
AFR-00728-BL	180600496	SC Simplex, 6 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue	47
AFR-00729-GR	180600497	SC/APC Simplex, 6 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green	47
AFR-00730-OL	180600498	SC Simplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM1/OM2, Beige	47
AFR-00731-AQ	180600499	SC Simplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM3/OM4, Aqua	47
AFR-00732-EV	180600500	SC Simplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet	47
AFR-00733-BL	180600501	LC Duplex, 12 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue	47
AFR-00734-GR	180600502	LC/APC Duplex, 12 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green	47
AFR-00735-OL	180600503	LC Duplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM1/OM2, Beige	47
AFR-00736-AQ	180600504	LC Duplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM3/OM4, Aqua	47
AFR-00737-EV	180600505	LC Duplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet	47
AFR-00738-BL	180600506	SC Simplex, 12 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue	47
AFR-00739-GR	180600507	SC/APC Simplex, 12 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green	47
AFR-00740-OL	180600508	SC Simplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM1/OM2, Beige	47
AFR-00741-AQ	180600509	SC Simplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM3/OM4, Aqua	47
AFR-00742-EV	180600510	SC Simplex, 12 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet	47
AFR-00743-BL	180600511	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue	47
AFR-00744-GR	180600512	LC/APC Duplex, 24 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green	47
AFR-00745-OL	180600513	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM1/OM2, Beige	47
AFR-00746-AQ	180600514	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM3/OM4, Aqua	47
AFR-00747-EV	180600515	LC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet	47
AFR-00748-BL	180600516	SC Duplex, 24 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue	47
AFR-00749-GR	180600517	SC/APC Duplex, 24 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green	47
AFR-00750-OL	180600518	SC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM1/OM2, Beige	47
AFR-00751-AQ	180600519	SC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM3/OM4, Aqua	47
AFR-00752-EV	180600520	SC Duplex, 24 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet	47
AFR-00753-BL	180600521	LC Quad, 48 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Blue	47
AFR-00754-GR	180600522	LC/APC Quad, 48 Fiber Adapter Plate, Shuttered, Singlemode, OS1/2, Green	47
AFR-00755-OL	180600523	LC Quad, 48 Fiber Adapter Plate, Shuttered, Multimode, OM1/OM2, Beige	47
AFR-00756-AQ	180600524	LC Quad, 48 Fiber Adapter Plate, Shuttered, Multimode, OM3/OM4, Aqua	47
AFR-00757-EV	180600525	LC Quad, 48 Fiber Adapter Plate, Shuttered, Multimode, OM4, Erika Violet	47
AFR-00760	183190107	ST, 6 Fiber Modular Splice Cassette, Multimode, OM5	47, 59
AFR-00761	183190108	ST, 6 Fiber Modular Splice Cassette, Multimode, OM5, Low Loss	47, 59
AFR-00762-BL	180600533	LC, 4x64 Fiber Adapter Plate, Loaded, Shuttered, Blue	47
AFR-00762-GR	180600557	LC, 4x64 Fiber Adapter Plate, Loaded, Shuttered, Green	47
AFR-00763-BL	180600534	LC, 2x64 Fiber Adapter Plate, Loaded, Shuttered, Blue	47
AFR-00763-GR	180600558	LC, 2x64 Fiber Adapter Plate, Loaded, Shuttered, Green	47

## Order No. Reference

Order No.	SAP No.	Description	Page
AFR-00764-BL	180600535	SC, 2x32 Fiber Adapter Plate, Loaded, Shuttered , Blue	47
AFR-00764-GR	180600559	SC, 2x32 Fiber Adapter Plate, Loaded, Shuttered , Green	47
AFR-00765-BL	180600536	SC, 1x32 Fiber Adapter Plate, Loaded, Shuttered , Blue	47
AFR-00765-GR	180600560	SC, 1x32 Fiber Adapter Plate, Loaded, Shuttered , Green	47
AFR-00766	180600537	LC, 4x64 Fiber Adapter Plate, Unloaded	47
AFR-00769	180600540	SC, 2x32 Fiber Adapter Plate, Unloaded	47
AFR-00786-BL	180600561	LC, 4x32 Fiber Adapter Plate, Loaded, Shuttered , Blue	47
AFR-00786-GR	180600567	LC, 4x32 Fiber Adapter Plate, Loaded, Shuttered , Green	47
AFR-00787-BL	180600562	LC, 4x16 Fiber Adapter Plate, Loaded, Shuttered , Blue	47
AFR-00787-GR	180600568	LC, 4x16 Fiber Adapter Plate, Loaded, Shuttered , Green	47
AFR-00790-BL	180600565	LC, 1x32 Fiber Adapter Plate, Loaded, Shuttered , Blue	47
AFR-00790-GR	180600571	LC, 1x32 Fiber Adapter Plate, Loaded, Shuttered , Green	47
AFR-00791-BL	180600566	LC, 1x16 Fiber Adapter Plate, Loaded, Shuttered , Blue	47
AFR-00791-GR	180600572	LC, 1x16 Fiber Adapter Plate, Loaded, Shuttered , Green	47
AFR-00798-BL	180600573	SC, 2x16 Fiber Adapter Plate, Loaded, Shuttered , Blue	47
AFR-00798-GR	180600577	SC, 2x16 Fiber Adapter Plate, Loaded, Shuttered , Green	47
AFR-00799-BL	180600574	SC, 2x8 Fiber Adapter Plate, Loaded, Shuttered , Blue	47
AFR-00799-GR	180600578	SC, 2x8 Fiber Adapter Plate, Loaded, Shuttered , Green	47
AFR-00800-BL	180600575	SC, 1x16 Fiber Adapter Plate, Loaded, Shuttered , Blue	47
AFR-00800-GR	180600579	SC, 1x16 Fiber Adapter Plate, Loaded, Shuttered , Green	47
AFR-00801-BL	180600576	SC, 1x8 Fiber Adapter Plate, Loaded, Shuttered , Blue	47
AFR-00801-GR	180600580	SC, 1x8 Fiber Adapter Plate, Loaded, Shuttered , Green	47
AFR-00802	180810066	Jack Plate 19" 24P Unloaded for 1U Multi-Function Fiber Enclosure Gen II	47
AFR-00809-BL	180600621	LC Duplex, 48 Fiber Adapter Plate,Internal Shuttered, Singlemode, OS1/OS2, Blue	47
AFR-00810-AQ	180600622	LC Duplex, 48 Fiber Adapter Plate,Internal Shuttered, Multimode, OM3/OM4, Aqua	47
AFR-00811-EV	180600623	LC Duplex, 48 Fiber Adapter Plate,Internal Shuttered, Multimode, OM4, Erika Violet	47
AFR-00812-LG	180600624	LC Duplex, 48 Fiber Adapter Plate,Internal Shuttered, Multimode, OM5, Lime Green	47
AFR-00816	180690062	Universal Splice Tray, 24 Fiber with built in Cable Management, 1U Global Enclosure (Self Adhesive, 1 x 12F trays per pack)	52, 57, 91
AFR-00817	182540026	MTP Pro Field Tool	105
AFR-00820	182680080	Pin Exchanger MTO Pro Female to Male SM	105
AFR-00821	182680081	Pin Exchanger MTO Pro Female to Male MM	105
CAA-00325	181740057	PowerCat 6 U/UTP LS0H Cable Dca-s2,d2,a1 - Violet	25
CAA-00344	Consult Molex	Category 3 50 Pair LS0H Eca cable - 2km reel	97
CAA-00346	Consult Molex	Category 3 100 Pair LS0H Eca cable - 2km reel	97
CAA-00360	Consult Molex	Category 7A S/FTP Cable, 4 Pairs 1.2GHz LS0H, Dca-s1a,d1,a1 Violet - 500m reel	8
CAA-00373-VL	181400001	PowerCat C6A F/FTP LS0H Cable, 500m reel	7
CAA-00380	Consult Molex	Category 3 25 Pair LS0H Eca cable - per meter	97
CAA-00392-VT	181400004	S/FTP Category 7 Cable, LS0H, 1000m, Violet	8
CAA-00413-VL	183020040	PowerCat 6A U/FTP LS0H Cable B2ca-s1a,d1,a1 Violet 500m	7
CAA-00418	183020048	Cat6A U/FTP Gel Filled Outdoor PE Cable Nylon Fca Blue 305m	12
CAA-00419-OH	181740138	Cat6 U/UTP Gel Filled Outdoor PE Cable Nylon Fca Blue 305 m	25
CAA-00437-VL	183020058	PowerCat 6A S/FTP LS0H Cable B2ca-s1a,d1,a1 Violet, 500m reel	7
CAA-00441-VL	183530013	Category 7A S/FTP Cable LS0H B2ca-s1a, d1, a1 violet 500m reel	8
CAA-00444-VL	181740188	PowerCat 6 U/UTP LS0H Cable Cca-s1a,d1,a1, Violet 305m easy-pull box	25
CAA-00447-BL	1810000036	PowerCat 6A UTP LS0H Dca Cable 500m reel, Blue	22
CAA-00453-VL	183020068	PowerCat 6A U/FTP LS0H Cca-s1a,d0,a1 Violet 305m easy-pull box	7
CAA-00454-BL	1810030129	C6A UTP LS0H Cable, 500M Reel B2ca Blue UK/EU Markets	22
CAA-00455-BL	1810030130	C6A UTP LS0H Cable, 500M Reel Dca Blue UK/EU Markets	22
CAA-0322L-VI	183020033	PowerCat 6A U/FTP LS0H Cable, Dca-s1,d2,a1, Violet - 500m	7
CAA-0336-VL	Consult Molex	PowerCat 6 LS0H Cable B2ca-s1a,d1,a1 - Violet	25
CFR-00373	180580441	4-core Fiber Cable: OM2, EuroClass: Eca, color: Green	37
CFR-00374	180580442	6-core Fiber Cable: OM2, EuroClass: Eca, color: Green	37
CFR-00375	180580443	8-core Fiber Cable: OM2, EuroClass: Eca, color: Green	37
CFR-00376	180580067	12-core Fiber Cable: OM2, EuroClass: Eca, color: Green	37
CFR-00378	180580445	24-core Fiber Cable: OM2, EuroClass: Eca, color: Green	37
CFR-00380	180580449	4-core Fiber Cable: OM3, EuroClass: Eca, color: Green	37
CFR-00381	180580451	6-core fiber Cable: OM3, EuroClass: Eca, color: Green	37
CFR-00382	180580453	8-core Fiber Cable: OM3, EuroClass: Eca, color: Green	37
CFR-00383	180580454	12-core Fiber Cable: OM3, EuroClass: Eca, color: Green	37
CFR-00384	180580455	24-core Fiber Cable: OM3, EuroClass: Eca, color: Green	37
CFR-00387	180580464	4-core Fiber Cable: OS2, EuroClass: Eca, color: Green	37
CFR-00388	180580466	6-core Fiber Cable: OS2, EuroClass:Eca, color: Green	37
CFR-00389	180580468	8-core Fiber Cable: OS2, EuroClass: Eca, color: Green	37
CFR-00390	180580469	12-core Fiber Cable: OS2, EuroClass: Eca, color: Green	37
CFR-00392	180580471	24-core Fiber Cable: OS2, EuroClass: Eca, color: Green	37
CFR-00493	180580677	4-core Fiber Cable: OM3, EuroClass: Cca-s1a,d1,a1, color: Aqua	37
CFR-00494	180580678	6-core Fiber Cable: OM3, EuroClass: Cca-s1a,d1,a1, color: Aqua	37
CFR-00495	180580679	8-core Fiber Cable: OM3, EuroClass: Cca-s1a,d1,a1, color: Aqua	37
CFR-00496	180580523	12-core Fiber Cable: OM3, EuroClass: Cca-s1a,d1,a1, color: Aqua	37
CFR-00497	180580640	24-core Fiber Cable: OM3, EuroClass: Cca-s1a,d1,a1, color: Aqua	37
CFR-00498	180580680	4-core Fiber Cable: OS2, EuroClass: Cca-s1a,d1,a1, color: Yellow	37
CFR-00499	180580678	6-core Fiber Cable: OS2, EuroClass: Cca-s1a,d1,a1, color: Yellow	37
CFR-00500	180580682	8-core Fiber Cable: OS2, EuroClass: Cca-s1a,d1,a1, color: Yellow	37
CFR-00501	180580285	12-core Fiber Cable: OS2, EuroClass: Cca-s1a,d1,a1, color: Yellow	37
CFR-00502	180580683	24-core Fiber Cable: OS2, EuroClass: Cca-s1a,d1,a1, color: Yellow	37
CFR-00544	180570093	4-core Direct Burial Cable	40
CFR-00545	180570094	6-core Direct Burial Cable	40
CFR-00546	180570095	8-core Direct Burial Cable	40
CFR-00547	180570096	12-core Direct Burial Cable	40
CFR-00548	180570097	16-core Direct Burial Cable	40
CFR-00549	180570098	24-core Direct Burial Cable	40
CFR-00551	180570100	4-core Direct Burial Cable	40
CFR-00552	180570101	6-core Direct Burial Cable	40
CFR-00553	180570102	8-core Direct Burial Cable	40
CFR-00554	180570103	12-core Direct Burial Cable	40
CFR-00555	180570104	16-core Direct Burial Cable	40
CFR-00556	180570105	24-core Direct Burial Cable	40
CFR-00558	180570107	4-core Direct Burial Cable	40
CFR-00559	180570108	6-core Direct Burial Cable	40

## Order No. Reference

Order No.	SAP No.	Description	Page
CFR-00560	180570109	8-core Direct Burial Cable	40
CFR-00561	180570110	12-core Direct Burial Cable	40
CFR-00562	180570111	16-core Direct Burial Cable	40
CFR-00563	180570112	24-core Direct Burial Cable	40
CFR-00569	180580481	4-Core Fiber Cable	39
CFR-00570	180580482	6-Core Fiber Cable	39
CFR-00571	180580483	8-Core Fiber Cable	39
CFR-00572	180580484	12-Core Fiber Cable	39
CFR-00573	180580485	24-Core Fiber Cable	39
CFR-00574	180580486	4-Core Fiber Cable	39
CFR-00575	180580487	6-Core Fiber Cable	39
CFR-00576	180580488	8-Core Fiber Cable	39
CFR-00577	180580489	12-Core Fiber Cable	39
CFR-00578	180580491	24-Core Fiber Cable	39
CFR-00579	180580497	4-Core Fiber Cable	39
CFR-00580	180580498	6-Core Fiber Cable	39
CFR-00581	180580499	8-Core Fiber Cable	39
CFR-00582	180580500	12-Core Fiber Cable	39
CFR-00583	180580501	24-Core Fiber Cable	39
CFR-00584	180580370	4-core Fiber Cable: OM4, EuroClass: Eca, color: Green	37
CFR-00585	180580371	6-core Fiber Cable: OM4, EuroClass: Eca, color: Green	37
CFR-00586	180580372	8-core Fiber Cable: OM4, EuroClass: Eca, color: Green	37
CFR-00587	180580373	12-core Fiber Cable: OM4, EuroClass: Eca, color: Green	37
CFR-00589	180580375	24-core Fiber Cable: OM4, EuroClass: Eca, color: Green	37
CFR-00594	180580492	4-Core Fiber Cable	39
CFR-00595	180580493	6-Core Fiber Cable	39
CFR-00596	180580494	8-Core Fiber Cable	39
CFR-00597	180580495	12-Core Fiber Cable	39
CFR-00598	180580496	24-Core Fiber Cable	39
CFR-00622	180580684	4-core Fiber Cable: OM4, EuroClass: Cca-s1a,d1,a1, color: Erika Violet	37
CFR-00623	180580685	6-core Fiber Cable: OM4, EuroClass: Cca-s1a,d1,a1, color: Erika Violet	37
CFR-00624	180580686	8-core Fiber Cable: OM4, EuroClass: Cca-s1a,d1,a1, color: Erika Violet	37
CFR-00625	183280003	12-core Fiber Cable: OM4, EuroClass: Cca-s1a,d1,a1, color: Erika Violet	37
CFR-00626	180580687	24-core Fiber Cable: OM4, EuroClass: Cca-s1a,d1,a1, color: Erika Violet	37
CFR-00657	183150040	4-Core Fiber Cable	39
CFR-00658	183150041	6-Core Fiber Cable	39
CFR-00659	183150042	8-Core Fiber Cable	39
CFR-00660	183150043	12-Core Fiber Cable	39
CFR-00661	183150044	24-Core Fiber Cable	39
CFR-00662	183150045	4-Core Fiber Cable	39
CFR-00663	183150046	6-Core Fiber Cable	39
CFR-00664	183150047	8-Core Fiber Cable	39
CFR-00665	183150048	12-Core Fiber Cable	39
CFR-00666	183150049	24-Core Fiber Cable	39
CFR-00667	183150050	4-Core Fiber Cable	39
CFR-00668	183150051	6-Core Fiber Cable	39
CFR-00669	183150052	8-Core Fiber Cable	39
CFR-00670	183150053	12-Core Fiber Cable	39
CFR-00671	183150054	24-Core Fiber Cable	39
CFR-00672	183150055	4-Core Fiber Cable	39
CFR-00673	183150056	6-Core Fiber Cable	39
CFR-00674	183150057	8-Core Fiber Cable	39
CFR-00675	183150058	12-Core Fiber Cable	39
CFR-00676	183150059	24-Core Fiber Cable	39
CFR-00677	183150060	4-Core Fiber Cable	39
CFR-00678	183150061	6-Core Fiber Cable	39
CFR-00679	183150062	8-Core Fiber Cable	39
CFR-00680	183150063	12-Core Fiber Cable	39
CFR-00681	183150064	24-Core Fiber Cable	39
CFR-00682	183150065	4-Core Fiber Cable	39
CFR-00683	183150066	6-Core Fiber Cable	39
CFR-00684	183150067	8-Core Fiber Cable	39
CFR-00685	183150068	12-Core Fiber Cable	39
CFR-00686	183150069	24-Core Fiber Cable	39
CFR-00687	183280004	4-core Fiber Cable: OM3, EuroClass: Bca-s1a,d1,a1, color: Aqua	37
CFR-00688	183280005	6-core Fiber Cable: OM3, EuroClass: Bca-s1a,d1,a1, color: Aqua	37
CFR-00689	183280006	8-core Fiber Cable: OM3, EuroClass: Bca-s1a,d1,a1, color: Aqua	37
CFR-00690	183280007	12-core Fiber Cable: OM3, EuroClass: Bca-s1a,d1,a1, color: Aqua	37
CFR-00691	183280008	24-core Fiber Cable: OM3, EuroClass: Bca-s1a,d1,a1, color: Aqua	37
CFR-00692	183280009	4-core Fiber Cable: OM4, EuroClass: Bca-s1a,d1,a1, color: Erika Violet	37
CFR-00693	183280010	6-core Fiber Cable: OM4, EuroClass: Bca-s1a,d1,a1, color: Erika Violet	37
CFR-00694	183280011	8-core Fiber Cable: OM4, EuroClass: Bca-s1a,d1,a1, color: Erika Violet	37
CFR-00695	183280012	12-core Fiber Cable: OM4, EuroClass: Bca-s1a,d1,a1, color: Erika Violet	37
CFR-00696	183280013	24-core Fiber Cable: OM4, EuroClass: Bca-s1a,d1,a1, color: Erika Violet	37
CFR-00697	183280014	4-core Fiber Cable: OS2, EuroClass: Bca-s1a,d1,a1, color: Yellow	37
CFR-00698	183280015	6-core Fiber Cable: OS2, EuroClass: Bca-s1a,d1,a1, color: Yellow	37
CFR-00699	183280016	8-core Fiber Cable: OS2, EuroClass: Bca-s1a,d1,a1, color: Yellow	37
CFR-00700	183280017	12-core Fiber Cable: OS2, EuroClass: Bca-s1a,d1,a1, color: Yellow	37
CFR-00701	183280018	24-core Fiber Cable: OS2, EuroClass: Bca-s1a,d1,a1, color: Yellow	37
CFR-00702	183150070	4-Core Fiber Cable	39
CFR-00703	183150071	6-Core Fiber Cable	39
CFR-00704	183150072	8-Core Fiber Cable	39
CFR-00705	183150073	12-Core Fiber Cable	39
CFR-00706	183150074	24-Core Fiber Cable	39
CFR-00707	183150075	4-Core Fiber Cable	39
CFR-00708	183150076	6-Core Fiber Cable	39
CFR-00709	183150077	8-Core Fiber Cable	39
CFR-00710	183150078	12-Core Fiber Cable	39
CFR-00711	183150079	24-Core Fiber Cable	39



## Order No. Reference

Order No.	SAP No.	Description	Page
CFR-00712	183280019	4-core Fiber Cable: OM5, EuroClass: Cca-s1a,d1,a1, color: Lime Green	37
CFR-00713	183280020	6-core Fiber Cable: OM5, EuroClass: Cca-s1a,d1,a1, color: Lime Green	37
CFR-00714	183280021	8-core Fiber Cable: OM5, EuroClass: Cca-s1a,d1,a1, color: Lime Green	37
CFR-00715	183280022	12-core Fiber Cable: OM5, EuroClass: Cca-s1a,d1,a1, color: Lime Green	37
CFR-00716	183280023	24-core Fiber Cable: OM5, EuroClass: Cca-s1a,d1,a1, color: Lime Green	37
CFR-00717	183280024	4-core Fiber Cable: OM5, EuroClass: Bca-s1a,d1,a1, color: Lime Green	37
CFR-00718	183280025	6-core Fiber Cable: OM5, EuroClass: Bca-s1a,d1,a1, color: Lime Green	37
CFR-00719	183280026	8-core Fiber Cable: OM5, EuroClass: Bca-s1a,d1,a1, color: Lime Green	37
CFR-00720	183280027	12-core Fiber Cable: OM5, EuroClass: Bca-s1a,d1,a1, color: Lime Green	37
CFR-00721	183280028	24-core Fiber Cable: OM5, EuroClass: Bca-s1a,d1,a1, color: Lime Green	37
CFR-00776	183150125	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 24F	41
CFR-00777	183150126	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 96F	41
CFR-00778	183150127	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 36F	41
CFR-00779	183150128	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 48F	41
CFR-00780	183150129	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 72F	41
CFR-00781	183150130	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 144F	41
CFR-00782	183150131	Fiber Optic Cable, Universal, Loose Tube, OS2, B2ca-s1a-d1-a1, 288F	41
CFR-00831	183150168	Optical Fiber Cable 4F Non-Metallic Unitube LS0H OS2 B2ca-s1a,d1,a1 - Yellow	42
CFR-00832	183150169	Optical Fiber Cable 6F Non-Metallic Unitube LS0H OS2 B2ca-s1a,d1,a1 - Yellow	42
CFR-00833	183150170	Optical Fiber Cable 8F Non-Metallic Unitube LS0H OS2 B2ca-s1a,d1,a1 - Yellow	42
CFR-00834	183150171	Optical Fiber Cable 12F Non-Metallic Unitube LS0H OS2 B2ca-s1a,d1,a1 - Yellow	42
CFR-00835	183150172	Optical Fiber Cable 24F Non-Metallic Unitube LS0H OS2 B2ca-s1a,d1,a1 - Yellow	42
CFR-00836	183150173	Optical Fiber Cable 4F Non-Metallic Unitube LS0H OM3 B2ca-s1a,d1,a1 - Aqua	42
CFR-00837	183150174	Optical Fiber Cable 6F Non-Metallic Unitube LS0H OM3 B2ca-s1a,d1,a1 - Aqua	42
CFR-00838	183150175	Optical Fiber Cable 8F Non-Metallic Unitube LS0H OM3 B2ca-s1a,d1,a1 - Aqua	42
CFR-00839	183150176	Optical Fiber Cable 12F Non-Metallic Unitube LS0H OM3 B2ca-s1a,d1,a1 - Aqua	42
CFR-00840	183150177	Optical Fiber Cable 24F Non-Metallic Unitube LS0H OM3 B2ca-s1a,d1,a1 - Aqua	42
CFR-00841	183150178	Optical Fiber Cable 4F Non-Metallic Unitube LS0H OM4 B2ca-s1a,d1,a1 - Erika Violet	42
CFR-00842	183150179	Optical Fiber Cable 6F Non-Metallic Unitube LS0H OM4 B2ca-s1a,d1,a1 - Erika Violet	42
CFR-00843	183150180	Optical Fiber Cable 8F Non-Metallic Unitube LS0H OM4 B2ca-s1a,d1,a1 - Erika Violet	42
CFR-00844	183150181	Optical Fiber Cable 12F Non-Metallic Unitube LS0H OM4 B2ca-s1a,d1,a1 - Erika Violet	42
CFR-00845	183150182	Optical Fiber Cable 24F Non-Metallic Unitube LS0H OM4 B2ca-s1a,d1,a1 - Erika Violet	42
CFR-00846	183150183	Optical Fiber Cable 4F Non-Metallic Unitube LS0H OM5 B2ca-s1a,d1,a1 - Lime Green	42
CFR-00847	183150184	Optical Fiber Cable 6F Non-Metallic Unitube LS0H OM5 B2ca-s1a,d1,a1 - Lime Green	42
CFR-00848	183150185	Optical Fiber Cable 8F Non-Metallic Unitube LS0H OM5 B2ca-s1a,d1,a1 - Lime Green	42
CFR-00849	183150186	Optical Fiber Cable 12F Non-Metallic Unitube LS0H OM5 B2ca-s1a,d1,a1 - Lime Green	42
CFR-00850	183150187	Optical Fiber Cable 24F Non-Metallic Unitube LS0H OM5 B2ca-s1a,d1,a1 - Lime Green	42
CMA-00085	181050006	1U Horizontal Cable Manager	94
CMA-00087	181050008	2U Horizontal Cable Manager	94
CMA-00111	181050048	Front Cable Manager for 1U Multi-Function Fiber Enclosure Gen II	47
CMA-00112	Consult Molex	Xtreme Density 1 RU Enclosure Front Door	53
CMA-00113	180150012	Spare Key (1)	91
CMA-00114	180140065	Cable Entry Grommets (Pk of 4)	91
CMA-00115	180140066	Spare Fabric Filters (Pk of 3)	91
CMA-00116	181050072	Gland and Conduit Kit for RFR-00347-BK	52
CPT-00054	180080086	Zone Enclosure Chassis (unloaded) with cover, black	91
CPT-00055	180080088	In-Ceiling Zone Enclosure	91
CPT-00056	180080089	Cable Management Plate with brush strip and fiber cable apertures, black	91
CPT-00057	180080090	12 Port DataGate Jack Plate unloaded, black	91
CPT-00058	180080091	2 Aperture Carrier Plate, unloaded, black (accepting 2x12F Loaded Adapter Plates, supplied separately)	91
CSP-00021-**	Consult Molex	Blank Connector Icon Labels 6-Pack (Bag of 10)	9, 25, 26, 32, 34
CSP-00022-**	Consult Molex	Data Connector Icon Labels 6-Pack (Bag of 10)	25, 26, 32, 34
CSP-00023-**	Consult Molex	Voice Connector Icon Labels 6-Pack (Bag of 10)	25, 26, 32, 34
CSP-00030	Consult Molex	Fiber Adapter Screw (24 pack)	52
CSP-00031	Consult Molex	Label holder and label pack (20) for DataGate modules	101
CSP-00032	Consult Molex	Label holder kit (Bag of 10)	26
CSP-00038	Consult Molex	Label holder and label pack (100) for Synergy Wallplates and Surface boxes	101
CSP-00039	181170026	Spare Fixing Kit for PID-00257 or PID-00289 includes both Metric and Imperial Fittings	14, 23, 27, 33
FOTA-ABCCD	Consult Molex	Attenuator	85
FSA-00055	183670001	SC, 1x8 Splitter Box, Singlemode, Low Loss	47, 85
FSA-00056	183670002	LC, 1x8 Splitter Box 2Pcs, Singlemode, Low Loss	47, 85
FSA-00057	183670003	SC/APC, 1x8 Splitter Box, Singlemode, Low Loss, Green	47, 85
FSA-00058	183670004	LC/APC, 1x8 Splitter Box 2Pcs, Singlemode, Low Loss, Green	47, 85
HFR-10144	180660136	HD Fiber Enclosure 1U 144F, Black	54
HFR-14401	181810303	HD Cassette 24F 2XMTP(M)-LCD LL OS2, Black	54
HFR-14402	181810304	HD Cassette 24F 2XMTP(M)-LCD LL OM3, Black	54
HFR-14403	181810305	HD Cassette 24F 2XMTP(M)-LCD LL OM4, Black	54
HFR-14404	181810306	HD Cassette 24F 2XMTP(M)-LCD LL OM5, Black	54
HFR-14405	181810307	HD Cassette 24F 3XMTP(M)-LCD LL OS2, Black	54
HFR-14406	181810308	HD Cassette 24F 3XMTP(M)-LCD LL OM3, Black	54
HFR-14407	181810309	HD Cassette 24F 3XMTP(M)-LCD LL OM4, Black	54
HFR-14408	181810310	HD Cassette 24F 3XMTP(M)-LCD LL OM5, Black	54
HFR-14409	181810311	HD Cassette 24F 1XMTP(M)-LCD LL OS2, Black	54
HFR-14410	181810312	HD Cassette 24F 1XMTP(M)-LCD LL OM3, Black	54
HFR-14411	181810313	HD Cassette 24F 1XMTP(M)-LCD LL OM4, Black	54
HFR-14412	181810314	HD Cassette 24F 1XMTP(M)-LCD LL OM5, Black	54
HFR-14413	181810315	HD Cassette 24F LCD Pigtail LL OS2, Black	54
HFR-14414	181810316	HD Cassette 24F LCD Pigtail LL OM3, Black	54
HFR-14415	181810317	HD Cassette 24F LCD Pigtail LL OM4, Black	54
HFR-14416	181810318	HD Cassette 24F LCD Pigtail LL OM5, Black	54
HFR-14417	181810319	HD Cassette SM 12XMTP Adapter, Black	54
HFR-14418	183530004	S/FTP cable cat. 7 600MHz, 4 pairs, 23AWG, LSZH, class Eca 13501-6, 1000m, Purple	54
HFR-14419	181810325	HD Cassette OS2 24F 2XMPO(M)-LCD LL, Black	54
HFR-14420	181810326	HD Cassette OM3 24F 2XMPO(M)-LCD LL, Black	54
HFR-14421	181810317	HD Cassette 24F LCD Pigtail LL OM4, Black	54
HFR-14422	181810318	HD Cassette 24F LCD Pigtail LL OM5, Black	54
HKSJ-00005-02	181170043	Antimicrobial Single Position Blank - White, 25 per Bag	18
HMGB-00002-02	181170044	Antimicrobial Blank Module	18
HMGB-00006-02	182910001	Antimicrobial Module Contura FTP 568A B C6A, White	18

## Order No. Reference

Order No.	SAP No.	Description	Page
HMLG-00021-02	181720063	Legrand Module 22.5x45 C6, Antimicrobial Loaded - White	18
HMLG-00030-02	182930002	Legrand Module 22.5x45 C6A, Antimicrobial Loaded - White	18
HPCD-07000-0W	183162394	Medical Grade Antimicrobial Patch Cord Cat6A Shielded, L50H, White - 1.0m	18
HPCD-07001-0W	183162395	Medical Grade Antimicrobial Patch Cord Cat6A Shielded, L50H, White - 2.0m	18
HPCD-07002-0W	183162396	Medical Grade Antimicrobial Patch Cord Cat6A Shielded, L50H, White - 3.0m	18
HPCD-07003-0W	183162397	Medical Grade Antimicrobial Patch Cord Cat6A Shielded, L50H, White - 5.0m	18
HPCD-07147-0W	183162411	Patch Cord Antimicrobial C6A Shielded Plug 1.0m L50H White	19
HPCD-07148-0W	183162412	Patch Cord Antimicrobial C6A Shielded Plug 1.5m L50H White	19
HPCD-07149-0W	183162413	Patch Cord Antimicrobial C6A Shielded Plug 2.0m L50H White	19
HPCD-07150-0W	183162414	Patch Cord Antimicrobial C6A Shielded Plug 3.0m L50H White	19
HPCD-07151-0W	183162415	Patch Cord Antimicrobial C6A Shielded Plug 5.0m L50H White	19
HSBX-00004-02	181350011	Surface Box Miniline, 1P, Anti-Microbial - White	18
HSSY-00014-02	181340033	Modular Synergy Surface Box, 2P, Antimicrobial Unloaded - White	18
HWGB-00001-02	181170041	Antimicrobial Contura Wallplate with Grid Plate - Single Gang, White	18
HWGB-00002-02	181170042	Antimicrobial Contura Wallplate with Grid Plate - Double Gang, White	18
HWPJ-00057-02	181280058	Keystone Wallplate 86x86, 1P, Antimicrobial - White	18
HWPJ-00058-02	181280059	Keystone Wallplate 86x86, 2P, Antimicrobial - White	18
HWPJ-00059-02	181280060	Keystone Wallplate 86x86, 4P, Antimicrobial - White	18
KFR-00008	180600025	45mm Fusion Splice Protector - 2.4mm (o.d.)	57, 91
KFR-00009	180600026	61mm Fusion Splice Protector - 2.4mm (o.d.)	57, 91
KFR-00016	18600072	Duplex LC or Simplex SC Adapter Blanking Plug, pack of 20	65
KFR-00038	182680003	Front Plate Label Sheet (Pack 20)	56
KFR-00039	182680004	Cable Anchor Bracket Kit (1 x cable anchor bracket, 1 x 435mm bend limiting tube)	56
KFR-00040	182680005	45mm Fusion Splice Protector - 2.2mm (o.d.)	57, 91
KFR-00052	Consult Molex	24 Fiber Fusion Splice Holder	57, 91
KFR-00053	182680049	Self Adhesive Cable Management Hub (2 pcs/pack), Black	52, 57, 91
KSJ-00005-0*	Consult Molex	Single Position Blank Module (Bag of 25)	13, 27, 33
KSJ-00018-.**	Consult Molex	PowerCat 6 DataGate Jack, 568A/B	25
KSJ-00024-.**	Consult Molex	PowerCat 5e DataGate Jack, 568A/B - Shuttered	32
KSJ-00025-.**	Consult Molex	PowerCat 5e DataGate Jack, 568A/B - Unshuttered	32
KSJ-00032-.**	Consult Molex	Keystone Jack, Category 5e, 8W, 568A/B	32
KSJ-00033-.**	Consult Molex	Keystone Jack, Category 6, 8W, 568A/B	26
KSJ-00064-.**	Consult Molex	Keystone Blank	14, 23, 27, 33
KSJ-00079	183010070	PowerCat 6A Tool-less Shielded Keystone Jack	14
KSJ-00088	181810328	PowerCat 6A Shielded Compact Tool-less Keystone Jack	14
KSJ-00092	183010127	Jack C6A Shielded IP67 568A/B	21
KSJ-00093	Consult Molex	PowerCat 6A 10G Shielded Side Entry Keystone Jack, RJ45, 568A/B	14
KSJ-00095	183010131	Jack C6A STP-IP65	19
KSJ-00096-.**	Consult Molex	PowerCat 6A DataGate Shielded Straight and Side Entry Jack	9
KSJ-00099-02	1810020009	Keystone Jack C6A UTP 568A/B Gen II - White	23
KSJ-00099-04	1810020010	Keystone Jack C6A UTP 568A/B Gen II - Black	23
KSJ-00099-05	1810020011	Keystone Jack C6A UTP 568A/B Gen II - Ivory	23
KSJ-00099-08	1810020012	Keystone Jack C6A UTP 568A/B Gen II - Gray	23
KSJ-00099-BL	1810020013	Keystone Jack C6A UTP 568A/B Gen II - Blue	23
KSJ-00099-RD	1810020014	Keystone Jack C6A UTP 568A/B Gen II - Red	23
KSJ-00099-YL	1810020015	Keystone Jack C6A UTP 568A/B Gen II - Yellow	23
KSP-00001	183010086	Category 6A Field Termination Plug	12
KSP-00002	180190012	Category 6A Field Termination Plug, STP, Right Angle	12
KSP-00004	183010129	Plug C6A Field Termination IP65	19
MEU-00005-02	184000314	Angled ST Module, Multimode - 4 Adapters	68
MEU-00006-02	182620055	Angled ST Module, Singlemode - 4 Adapters	68
MEU-00007-02	182620056	Angled ST Module, Multimode - 2 Adapters	68
MEU-00009-02	181210016	Angled Shuttered Duplex SC Module, Multimode -2 Adapters	68
MEU-00010-02	182620000	Angled Shuttered Duplex SC Module, Singlemode -2 Adapters	68
MEU-00011-02	182620058	Angled Shuttered Duplex SC Module, Multimode -1 Adapter	68
MEU-00012-02	182620059	Angled Shuttered Duplex SC Module, Singlemode -1 Adapter	68
MEU-00013-02	182620001	Angled Shuttered Duplex SC-ST Module, Multimode - 2 Adapters	68
MEU-00014-02	182620002	Angled Shuttered Duplex SC-ST Module, Singlemode - 2 Adapters	68
MEU-00029-02	181490006	25 x 50mm LC Module, Singlemode - 2 Adapters	68
MEU-00048-02	182620074	Angled Shuttered LC, Singlemode - 2 Adapters	68
MEU-00049-02	182620005	Angled Shuttered LC, Multimode - 2 Adapters	68
MEU-00056-02	181730016	PowerCat 6 Euromod II Module RJ45 568A/B UTP - White	29
MEU-00056-04	181730017	PowerCat 6 Euromod II Module RJ45 568A/B UTP - Black	29
MEU-00065-02	183010005	PowerCat 6A Angled Euromod II RJ45 Module, 568A/B - White	15
MEU-00065-04	183010012	PowerCat 6A Angled Euromod II RJ45 Module, 568A/B - Black	15
MEU-00067-02	182620012	25 x 50mm LC Module, Multimode - 2 Adapters	68
MEU-00071-02	181770333	Euromod Keystone Jack Fascia Wall Plate, Single Gang 86 x 86mm - white	99
MEU-00072-02	181770334	Euromod Keystone Jack Fascia Wall Plate, Double Gang 86 x 1456mm - white	99
MEU-00073-02	181770332	Euromod Keystone Jack Fascia, 25 x 50mm, unloaded - white	99
MEU-00074-02	181240031	Euromod Bezel 25 x 50mm Unloaded White	20, 30, 98
MGB-00001-02	181770082	PowerCat 6 Angled Contura Module RJ45 568A/B UTP - White	29
MGB-00002-02	181770216	Contura Module Blank - White	29, 100
MGB-00006-02	183010004	PowerCat 6A Angled Contura RJ45 Module, White	16
MGB-00009-02	181240032	Contura Module, Unloaded, White	30, 98
MLCDLC120M1	181810142	DLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM1	47, 72
MLCDLC120M2	181810147	DLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM2	47, 72
MLCDLC120M3L	181810152	DLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM3 Low Loss	47, 72
MLCDLC120M4L	181810172	12 Port ModLink Cassette, Duplex LC, OM4 50µm Multimode, Low Loss	72
MLCDLC120M5	181810244	DLC, 12 Fiber ModLink Cassette, Multimode, OM5 ,Lime Green	47, 72
MLCDLC120M5L	181810245	DLC, 12 Fiber ModLink Cassette, Multimode, OM5, Low Loss ,Lime Green	47, 72
MLCDLC120S1L	181810137	DLC, 12 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss	47
MLCDLC120S2L	181810173	12 Port ModLink Cassette, Duplex LC, OS1a/2 Singlemode	72
MLCDSC060M5	181810254	DSC, 6 Fiber Mini ModLink Cassette, Multimode, OM5 ,Lime Green	47
MLCDSC060M5L	181810282	DSC, 6 Fiber Mini ModLink Cassette, Multimode, OM5, Low Loss ,Lime Green	47
MLCDSC120M1	181810140	DSC, 12 Fiber Mini ModLink Cassettes, Multimode, OM1	47, 72
MLCDSC120M2	181810145	DSC, 12 Fiber Mini ModLink Cassettes, Multimode, OM2	47, 72
MLCDSC120M3L	181810150	DSC, 12 Fiber Mini ModLink Cassettes, Multimode, OM3 Low Loss	47, 72
MLCDSC120M4L	181810167	12 Port ModLink Cassette, Duplex SC, OM4 50µm Multimode, Low Loss	72
MLCDSC120M5	181810237	DSC, 12 Fiber ModLink Cassette, Multimode, OM5 ,Lime Green	47, 72

## Order No. Reference

Order No.	SAP No.	Description	Page
MLCDSC120M5L	181810238	DSC, 12 Fiber ModLink Cassette, Multimode, OM5, Low Loss ,Lime Green	47, 72
MLCDSC120S1L	181810135	DSC, 12 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss	47
MLCDSC120S2L	181810166	12 Port ModLink Cassette, Duplex SC, OS1a/2 Singlemode	72
MLCQLC120M1	180370268	QLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM1	47
MLCQLC120M2	180370267	QLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM2	47
MLCQLC120M3L	180370266	QLC, 12 Fiber Mini ModLink Cassettes, Multimode, OM3, Low Loss	47
MLCQLC120S1L	180370269	QLC, 12 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss	47
MLCQLC120M1	180370268	12 Port ModLink Cassette, Quad LC, OM1 62.5µm Multimode	72
MLCQLC120M2	180370267	12 Port ModLink Cassette, Quad LC, OM2 50µm Multimode	72
MLCQLC120M3L	181810177	12 Port ModLink Cassette, Quad LC, OM3 50µm Multimode, Low Loss	72
MLCQLC120M4L	181810176	12 Port ModLink Cassette, Quad LC, OM4 50µm Multimode, Low Loss	72
MLCQLC120M5	181810251	QLC, 12 Fiber ModLink Cassette, Multimode, OM5 ,Lime Green	47, 72
MLCQLC120M5L	181810252	QLC, 12 Fiber ModLink Cassette, Multimode, OM5, Low Loss ,Lime Green	47, 72
MLCQLC120S2L	181810175	12 Port ModLink Cassette, Quad LC, OS1a/2 Singlemode	72
MLCQLC240M1	181810162	QLC, 24 Fiber Mini ModLink Cassettes, Multimode, OM1	47, 73
MLCQLC240M2	181810164	QLC, 24 Fiber Mini ModLink Cassettes, Multimode, OM2	47, 73
MLCQLC240M3L	181810163	QLC, 24 Fiber Mini ModLink Cassettes, Multimode, OM3, Low Loss	47, 73
MLCQLC240M4L	181810171	24 Port ModLink Cassette, Quad LC, OM4, 50µm, Multimode, Low Loss	73
MLCQLC240M5	181810249	QLC, 24 Fiber ModLink Cassette, Multimode, OM5 ,Lime Green	47, 73
MLCQLC240M5L	181810250	QLC, 24 Fiber ModLink Cassette, Multimode, OM5, Low Loss ,Lime Green	47, 73
MLCQLC240S1L	181810161	QLC, 24 Fiber Mini ModLink Cassettes, Singlemode, OS1, Low Loss	47
MLCQLC240S2L	Consult Molex	24 Port ModLink Cassette, Quad LC, OS2, Singlemode, Low Loss	73
MLCSTC120M1	180370271	ST, 12 Fiber Mini ModLink Cassettes, Multimode, OM1	47
MLCSTC120M2	180370270	ST, 12 Fiber Mini ModLink Cassettes, Multimode, OM2	47
MLG-00021-02	188000016	PowerCat 6 22.5 x 45mm Legrand Compatible Module RJ45 568A/B UTP - White	29
MLG-00024-02	188000068	PowerCat 6 45 x 45mm Legrand Compatible Module RJ45 568A/B UTP - White	29
MLG-00030-**-	183010006	PowerCat 6A 22.5 x 45mm Legrand compatible Module	15
MLG-00031-**-	183010007	PowerCat 6A 45 x 45mm Legrand compatible Module	15
MLG-00037-02	181770331	Keystone Jack Fascia, 22.5 x 45mm, unloaded - white	99
MLG-00038-02	181240036	22.5 X 45mm Module (Legrand Mosaic compatible), Unloaded, White	30, 98, 99
MLG-00038-04	181240040	22.5 X 45mm Module (Legrand Mosaic compatible), Unloaded, Black	30, 98
MLG-00039-02	180070062	45 X 45mm Module (Legrand Mosaic compatible), Unloaded, White	30, 98
MLG-00039-04	180070063	45 X 45mm Module (Legrand Mosaic compatible), Unloaded, Black	30, 98
MMC-00010-**-	Consult Molex	PowerCat 6 MOD-Clip DataGate Jack, 568A/B	26
MMC-00017-02	183010020	PowerCat 6A MOD-Clip Shielded Jack 8W 568 A/B White	17
MMC-00017-04	183010019	PowerCat 6A MOD-Clip Shielded Jack 8W 568 A/B Black	17
MMS-00013-**-	Consult Molex	PowerCat 6 Angled MOD-SNAP III Module RJ45 568A/B UTP	28
MMS-00014-**-	Consult Molex	MOD-SNAP Module Blank	28, 99
MMS-00014-02	Consult Molex	MOD-SNAP Blank Module - White	100
MMS-00017-02	183010040	PowerCat 6A Angled MOD-SNAP III RJ45 Module, 568A/B - White	15
MMS-00017-04	183010011	PowerCat 6A Angled MOD-SNAP III RJ45 Module, 568A/B - Black	15
MMS-00020-02	181770330	MOD-SNAP Keystone Jack Fascia, 38.5 x 25mm, unloaded - white	98
MMS-00021-02	183480004	MOD-SNAP III Module, Unloaded, White	30, 98
MOF-00014	180060163	Keystone Jack Bezel	26, 32
MPLCXXXXXXX	Consult Molex	PLC Splitter	86
MSY-00003-**-	Consult Molex	Single ST Module, Singlemode/Multimode	68
MSY-00018-**-	Consult Molex	Simplex Shuttered SC Module, Singlemode	68
MSY-00040-**-	Consult Molex	Single LC Module, Multimode	69
MSY-00041	182030020	VCS description overlay for the module	69
MSY-00131-02	182060305	Shuttered SC/APC Module, Singlemode - White	68
PCD-00456-0E	181880017	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray 4m	31
PCD-00457-0E	181880018	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray - 6m	31
PCD-00458-0E	181880019	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray - 8m	31
PCD-00459-0E	181880020	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray - 10m	31
PCD-00460-0E	181880021	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray - 20m	31
PCD-00461-0E	181880022	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray - 30m	31
PCD-00462-0E	181880023	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly PVC Eca Gray - 40m	31
PCD-00464-0P	181880025	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 4m	31
PCD-00465-0P	181880026	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 6m	31
PCD-00466-0P	181880027	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 8m	31
PCD-00467-0P	181880028	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 10m	31
PCD-00468-0P	181880029	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 20m	31
PCD-00469-0P	181880030	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 30m	31
PCD-00470-0P	181880031	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 40m	31
PCD-00471-0P	181880032	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H VL Dca-s2,d2,a1 50m	31
PCD-00472-0P	181880033	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 60m	31
PCD-01001-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 1m	34
PCD-01002-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 1.5m	34
PCD-01003-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 2m	34
PCD-01005-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 3m	34
PCD-01009-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 5m	34
PCD-01013-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 7m	34
PCD-01019-**-	Consult Molex	PowerCat 5e Patch Cord U/UTP, LS0H - 10m	34
PCD-02000-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H 0.5m #	30
PCD-02001-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 1m	30
PCD-02002-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 1.5m	30
PCD-02003-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 2m	30
PCD-02005-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 3m	30
PCD-02009-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 5m	30
PCD-02013-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 7m	30
PCD-02019-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 10m	30
PCD-02029-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 15m	30
PCD-02039-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H - 20m	30
PCD-02130-**-	Consult Molex	PowerCat 6 Patch Cord U/UTP, LS0H 0.25m #	30
PCD-035FAABB-CC-*	Consult Molex	M12 SF/UTP D Code Category 5e Assembly	35
PCD-06000-0P	181880037	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 15m	31
PCD-06001-0P	181880038	PowerCat 6 U/UTP Solid Cable Assembly LS0H Violet - 25m	31
PCD-06002-0P	181880039	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly LS0H Violet - 35m	31
PCD-07000-**-	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 1m	10

## Order No. Reference

Order No.	SAP No.	Description	Page
PCD-07001-**-	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 2m	10
PCD-07002-**-	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 3m	10
PCD-07004-**-	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 5m	10
PCD-07006-**-	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 7m	10
PCD-07009-**-	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 10m	10
PCD-07054-VL	183160844	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, Violet, 4m	12
PCD-07055-VL	183160845	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, Violet, 6m	12
PCD-07056-VL	183160846	PowerCat 6A Shielded Solid Cable Assembly, U/FTP, LS0H, Violet, 8m	12
PCD-07057-VL	183160847	PowerCat 6A Shielded Solid Cable Assembly, LS0H, U/FTP, Violet,10m	12
PCD-07058-VL	183160848	PowerCat 6A Shielded Solid Cable Assembly, LS0H, U/FTP, Violet, 20m	12
PCD-07059-VL	183160849	PowerCat 6A Shielded Solid Cable Assembly, LS0H, U/FTP, Violet, 30m	12
PCD-07060-VL	183160850	PowerCat 6A Shielded Solid Cable Assembly, LS0H, U/FTP, Violet, 40m	12
PCD-07061-**-	Consult Molex	PowerCat Shielded Patch Cord 568A/B, LS0H - 1.5m	10
PCD-07064-**-	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 0.5m	10
PCD-07068-**-	Consult Molex	PowerCat 6A Shielded Patch Cord 568A/B, LS0H - 0.25m	10
PCD-07121-BK	183162207	Patch Cord C6A Shielded IP67-RJ45 1m Black	21
PCD-07122-BK	183162208	Patch Cord C6A Shielded IP67-RJ45 2m Black	21
PCD-07123-BK	183162209	Patch Cord C6A Shielded IP67-RJ45 3m Black	21
PCD-07124-BK	183162210	Patch Cord C6A Shielded IP67-RJ45 5m Black	21
PCD-07125-BK	183162211	Patch Cord C6A Shielded IP67-IP67 1m Black	21
PCD-07126-BK	183162212	Patch Cord C6A Shielded IP67-IP67 2m Black	21
PCD-07127-BK	183162213	Patch Cord C6A Shielded IP67-IP67 3m Black	21
PCD-07128-BK	183162214	Patch Cord C6A Shielded IP67-IP67 5m Black	21
PCD-07129-BK	183162325	Patch Cord C6A Shielded IP67-RJ45 1.5m Black	21
PCD-07130-BK	183162326	Patch Cord C6A Shielded IP67-IP67 1.5m Black	21
PCD-07131	183162334	Outdoor Category 6A Shielded Patch Cord 1m	20
PCD-07132	183162335	Outdoor Category 6A Shielded Patch Cord 1.5m	20
PCD-07133	183162336	Outdoor Category 6A Shielded Patch Cord 2m	20
PCD-07134	183162337	Outdoor Category 6A Shielded Patch Cord 3m	20
PCD-07135	183162338	Outdoor Category 6A Shielded Patch Cord 5m	20
PCD-07136	183162333	Outdoor Category 6A Shielded Patch Cord 0.5m	20
PCD-07137-BK	183162401	Patch Cord C6A IP65 RJ45- Plug RJ45 1.0m Black	19
PCD-07138-BK	183162402	Patch Cord C6A IP65 RJ45- Plug RJ45 1.5m Black	19
PCD-07139-BK	183162403	Patch Cord C6A IP65 RJ45- Plug RJ45 2.0m Black	19
PCD-07140-BK	183162404	Patch Cord C6A IP65 RJ45- Plug RJ45 3.0m Black	19
PCD-07141-BK	183162405	Patch Cord C6A IP65 RJ45- Plug RJ45 5.0m Black	19
PCD-07142	183162406	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 1.0M Black	19
PCD-07143	183162407	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 1.5M Black	19
PCD-07144	183162408	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 2.0M Black	19
PCD-07145	183162409	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 3.0M Black	19
PCD-07146	183162410	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 5.0M Black	19
PCD-08000-0P	183270077	PowerCat 6A Shielded Solid Cable Assembly, LS0H, U/FTP, Violet,15m	12
PCD-08001-0P	183270078	PowerCat 6A Shielded Solid Cable Assembly, LS0H, U/FTP, Violet, 25m	12
PCD-08002-0P	183270079	PowerCat 6A Shielded Solid Cable Assembly, LS0H, U/FTP, Violet, 35m	12
PCD-08003-0P	183270080	PowerCat 6A Shielded Solid Cable Assembly, LS0H, U/FTP, Violet, 50m	12
PCD-08004-0P	183270081	PowerCat 6A Shielded Solid Cable Assembly, LS0H, U/FTP, Violet, 60m	12
PCD-09101-**-	Consult Molex	PowerCat 6A UTP Patch Cord LS0H 1m	24
PCD-09102-**-	Consult Molex	PowerCat 6A UTP Patch Cord LS0H 2m	24
PCD-09103-**-	Consult Molex	PowerCat 6A UTP Patch Cord LS0H 3m	24
PCD-09105-**-	Consult Molex	PowerCat 6A UTP Patch Cord LS0H 5m	24
PCD-09107-**-	Consult Molex	PowerCat 6A UTP Patch Cord LS0H 7m	24
PCD-09110-**-	Consult Molex	PowerCat 6A UTP Patch Cord LS0H 10m	24
PCD-70301-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 1m	11
PCD-70302-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 2m	11
PCD-70303-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 3m	11
PCD-70305-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 5m	11
PCD-70307-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 7m	11
PCD-7030A-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 0.5m	11
PCD-7030B-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 1.5m	11
PCD-7030C-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 2.5m	11
PCD-70310-0*	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord LS0H 10m	11
PCD-706XX-XX	Consult Molex	Patchcord C6A Shielded PoE LS0H	11
PCPT6ASXXXX	Consult Molex	PowerCat 6A Pre-Terminated Cable Assemblies	13
PID-00141-04	182090025	PowerCat 6 24 Port Patch Panel RJ45 568A/B UTP C6 - 1U - Black	26
PID-00142-04	182090026	PowerCat 6 48 Port Patch Panel RJ45 568A/B UTP C6 - 2U - Black	26
PID-00154	182080245	PowerCat 5e 24 Port Angled Patch Panel RJ45 568A/B UTP - 1U	34
PID-00155	182080295	PowerCat 5e 48 Port Angled Patch Panel RJ45 568A/B UTP - 2U	34
PID-00156B	182080298	PowerCat 6 24 Port Angled Patch Panel RJ45 568A/B UTP Black - 1U	26
PID-00157	182080299	PowerCat 6 48 Port Angled Patch Panel RJ45 568A/B UTP - 2U	26
PID-00174-04	181060012	PowerCat 5e 24 Port DataGate Patch Panel RJ45 568A/B UTP - 1U	32
PID-00175-04	181060018	PowerCat 5e 48 Port DataGate Patch Panel RJ45 568A/B UTP - 2U	32
PID-00210-04	180810047	24 Port Keystone Jack Patch Panel 1U Unloaded	14, 23, 27, 33
PID-00217	182960000	PowerCat 6A 24 Port Patch Panel 568A/B Shielded - 1U	9
PID-00218	182960001	PowerCat 6A 24 Port Angled Patch Panel 568A/B Shielded - 1U	9
PID-00219	182960002	PowerCat 6A 48 Port Patch Panel 568A/B Shielded - 2U	9
PID-00220	182960003	PowerCat 6A 48 Port Angled Patch Panel 568A/B Shielded - 2U	9
PID-00254-04	180810060	1U 24 Port Unloaded DataGate UTP Patch Panel	13, 27, 33
PID-00257	182960014	24 Port Keystone Jack Patch Panel 1U Unloaded - Metric fixing kit	14, 23, 27, 33
PID-00258	180810031	PowerCat 24 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 1U - Black	13, 27, 33
PID-00259	180810032	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U - Black	13, 27, 33
PID-00260	180810033	PowerCat 48 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 2U - Black	13, 27, 33
PID-00261	180810034	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U - Black	13, 27, 33
PID-00282	180810045	1U 24 Port, Keystone Jack Angled Aperture, Patch Panel - Unloaded	14, 27
PID-00289	182960027	48 Port Keystone Patch Panel Unloaded 19" 2U - with Cable Management Bar - Metric Fixing Kit, Black	14, 23, 27, 33
PID-00292-BK	182960034	24 Port 1U Keystone Jack Angled Patch Panel Unloaded	15, 23, 28, 33
PMLCDLC120M3L	181810333	Duplex LC, 12-Fiber ModLink MPO Cassette, OM3, Low Loss	73
PMLCDLC120M4L	181810332	Duplex LC, 12-Fiber ModLink MPO Cassette, OM4, Low Loss	73
PMLCDLC120M5L	181810342	Duplex LC, 12-Fiber ModLink MPO Cassette, OM5, Low Loss	73
PMLCDLC120S2L	181810329	Duplex LC, 12-Fiber ModLink MPO Cassette, OS1/OS2, Low Loss	73

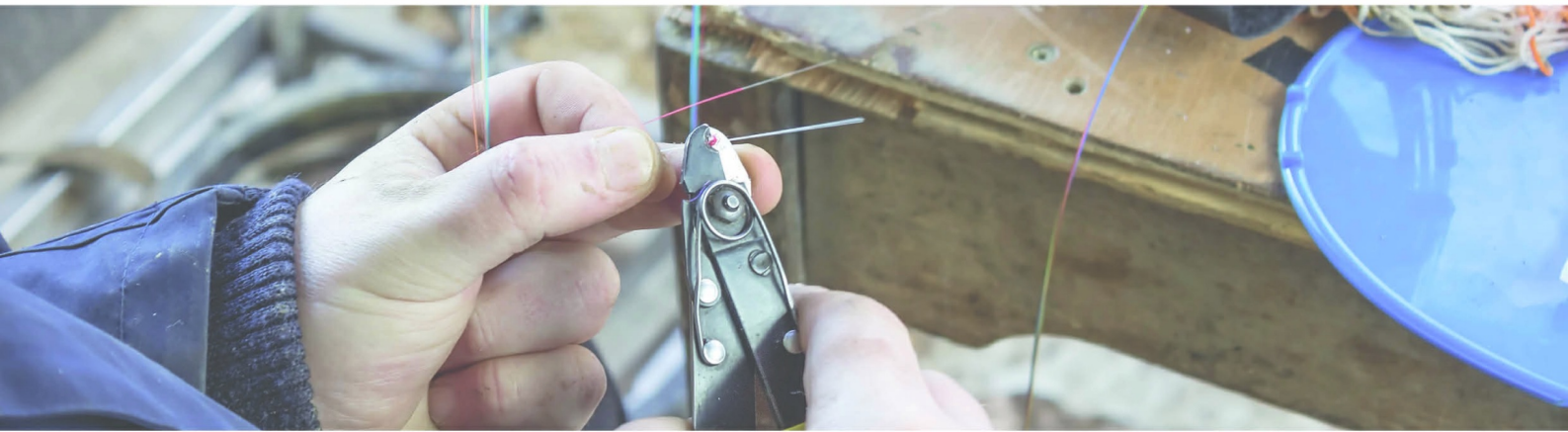


## Order No. Reference

Order No.	SAP No.	Description	Page
PMLCDSC12OM3L	181810375	Duplex SC, 12-Fiber ModLink MPO Cassette, OM3, Low Loss	73
PMLCDSC12OM4L	181810376	Duplex SC, 12-Fiber ModLink MPO Cassette, OM4, Low Loss	73
PMLCDSC12OM5L	181810326	Duplex SC, 12-Fiber ModLink MPO Cassette, OM5, Low Loss	73
PMLCDSC12OS2L	181810371	Duplex SC, 12-Fiber ModLink MPO Cassette, OS1/OS2, Low Loss	73
PMLCQLC12OM3L	181810348	Quad LC, 12-Fiber ModLink MPO Cassette, OM3, Low Loss	73
PMLCQLC12OM4L	181810345	Quad LC, 12-Fiber ModLink MPO Cassette, OM4, Low Loss	73
PMLCQLC12OM5L	181810352	Quad LC, 12-Fiber ModLink MPO Cassette, OM5, Low Loss	73
PMLCQLC12OS2L	181810350	Quad LC, 12-Fiber ModLink MPO Cassette, OS1/OS2, Low Loss	73
PMLCQLC24OM3L	181810361	Quad LC, 24-Fiber ModLink MPO Cassette, 50/125, OM3, Low Loss	73
PMLCQLC24OM4L	181810362	Quad LC, 24-Fiber ModLink MPO Cassette, 50/125, OM4, Low Loss	73
PMLCQLC24OM5L	181810370	Quad LC, 24-Fiber ModLink MPO Cassette, 50/125, OM5, Low Loss	73
PMLCQLC24OS2L	181810364	Quad LC, 24-Fiber ModLink MPO Cassette, 9/125, OS2, Low Loss	73
RAA-00206	182060088	Set of hangers for vertical grilles, 10 pcs (including fastening rivets)	94
RAA-00388	181020366	Fiber Optic Cross Connection Outdoor Cabinet, 288F	88
RAA-00389	181020367	Fiber Optic Cross Connection Outdoor Cabinet, 576F	88
RAA-00390	181020368	Fiber Optic Cross Connection Outdoor Cabinet, 144F	88
RAA-00392	180150013	Fan Unit 115V (UL certified)	91
RAA-F-1W	181040122	Fan Unit 230V	91
RFR-00201	180370259	24-48 Port Specification Grade Fiber Enclosure - 1U	56
RFR-00202	180370260	48-96 Port Specification Grade Fiber Enclosure - 2U	56
RFR-00204	180660016	144-288 Port Specification Grade Fiber Enclosure - 4U	56
RFR-00205	180660017	Swing-Out Fiber Panel Chassis - 1U	56
RFR-00206	180660018	Swing Out Fiber Panel Front Plate Blank	56
RFR-00207	180660019	Swing Out Fiber Panel Shuttered Front Plate 6 Duplex SC SM	56
RFR-00208	180660020	Swing Out Fiber Panel Shuttered Front Plate 6 SC MM	56
RFR-00209	180660021	Swing Out Fiber Panel Shuttered Front Plate 12 Duplex LC SM	56
RFR-00210	180660022	Swing Out Fiber Panel Front Plate 12 ST SM/MM	56
RFR-00212	180660024	Swing-Out Panel Shuttered Front Plate 12 DLC MM	56
RFR-00213	180660025	Swing-Out Panel Unshuttered Front Plate 6 DSC SM	56
RFR-00214	180660026	Swing-Out Panel Unshuttered Front Plate 6 DSC MM	56
RFR-00303	180660047	Security kit	56
RFR-00311-BK	180370287	1U Multi-Function Fiber Enclosure Gen II	47
RFR-00312-BK	180370288	Locking Front Assembly Kit for 1U Multi-Function Fiber Enclosure Gen II	47
RFR-00326	180660097	Utility Fiber Enclosure, 1U DLC, 48F - Unloaded	54
RFR-00347-BK	180370291	Rear Cable Management Tray for Multi Function Enclosure	52
SBX-00002-02	181240022	2 Port Modular Surface Box, Unloaded - White	99
SBX-00005-02	181770326	PowerCat 6 1 Port Synergy Surface Box RJ45 UTP White (loaded)	17, 28, 34
SBX-00006-02	18338002	PowerCat 5e 1 Port Synergy Surface Box RJ45 UTP White (loaded)	17, 28, 34
SBX-00009-02	182950000	PowerCat 6A 1 Port Synergy Surface Box RJ45 568A/B Shielded - White (loaded)	17, 28, 34
SBX-00016	181320013	Backbox 1P IP67 Stainless Steel Plate 128 x 128mm White	21
SBX-00017	181320014	Backbox 2P IP67 Stainless Steel Plate 128 x 128mm White	21
SBX-00018	181320015	Backbox 4P IP67 Stainless Steel Plate 128 x 128mm White	21
SBX-00019-08	181320016	Euromod IP66 2 x RJ45 Enclosure Unloaded Gray	20
SSY-00014-02	181340013	PowerCat 2 Port Synergy Surface Box, Unloaded - White	17, 28, 34
SSY-00015-02	181340016	PowerCat 4 Port Synergy Surface Box, Unloaded - White	17, 28, 34
SSY-00016-02	181340019	PowerCat 6 Port Synergy Surface Box, Unloaded - White	17, 28, 34
WEU-00001-02	181240023	Euromod cover for SBX-00002-02, 1G 2M boxes, White	99
WEU-00007-02	182610000	DataGate/Euromod adapter 25x50 mm, Straight, Without modules, White, 25 pcs	99
WEU-00008-02	182610001	DataGate/ModMosaic adapter 22.5x45mm, Straight, without module, White, 25 pcs	99
WFR-00010-02	180970009	6 Port ST 601 Enclosure, Multimode	56
WFR-00024-02	Consult Molex	8 Port ST 601 Enclosure, Unloaded	56
WFR-00025-02	180970013	8 Port ST 601 Enclosure, Multimode	56
WFR-00027-02	180970015	8 Port Duplex SC 601 Enclosure, Unloaded	56
WFR-00028-02	180970016	8 Port Duplex SC 601 Enclosure, Multimode	56
WFR-00029-02	180970017	8 Port Duplex SC 601 Enclosure, Singlemode	56
WFR-00030-02	180970078	12 Port LC 601 Enclosure, Unloaded	56
WFR-00033-02	180970078	12 Port LC 601 Enclosure, Unloaded	56
WFR-00034-02	180970079	12 Port LC 601 Enclosure, Multimode	56
WFR-00035-02	180970080	12 Port LC 601 Enclosure, Singlemode	56
WFR-00065	180970120	Enclosure Wallmount 24DSC/48QLC Unloaded Fiber Box	57
WFR-00066	180970139	Enclosure Wallmount 2/16P Simplex SC/Duplex LC Unloaded FTTX Fiber Box	87
WFR-00068	180970142	Enclosure Wallmount Splitter Box Unloaded FTTX	87
WFR-00069	180970157	Enclosure Wallmount 24DSC Fiber Box, Adapter&Pigtail Loaded, SM, OS2	87
WFR-00070	180970158	Enclosure Wallmount 48QLC Fiber Box, Adapter & Pigtail Loaded, SM, OS2	87
WFR-00073	180970159	120 Fiber Dome Outdoor Fiber Optic Splice Enclosure	87
WFR-00074	180970160	144 Fiber Dome Outdoor Fiber Optic Splice Enclosure	87
WFR-00075	180970161	48 Fiber In-Line Outdoor Fiber Optic Splice Enclosure	87
WFR-00076	180970162	144 Fiber In-Line Outdoor Fiber Optic Splice Enclosure	87
WFR-00077	180970163	288 Fiber Dome Outdoor Fiber Optic Splice Enclosure	87
WFR-00078	180970164	48 Fiber Dome Outdoor Fiber Optic Splice Enclosure	87
WFR-00079	180970166	576 Fiber Dome Outdoor Fiber Optic Splice Enclosure	87
WFR-00082	180670020	DIN rail fiber/copper enclosure, unloaded, black, Generation II	58
WFR-00118	182870011	DIN Rail Mountable DataGate Jack Adapter	16
WFR-00127	180670024	Rack Mount Zero U Enclosure, Unloaded	55
WFR-00129	180970223	Wall Mount Enclosure, 4 position LGX 118/6-PAK, Unloaded, Black	57
WGB-00001-02	181770083	Contura Single Gang Wallplate (includes grid plate), White - Unloaded	100
WGB-00002-02	181770084	Contura Double Gang Wallplate (includes grid plate), White - Unloaded	100
WNC-00030-02	180410071	PowerCat 6 1 Port DIN Module RJ45 568A/B UTP - White	30
WNC-00031-02	180410073	PowerCat 6 2 Port DIN Module RJ45 568A/B UTP - White	30
WNC-00044-02	183010017	PowerCat 6A 1 Port DIN Module Shielded - White	16
WNC-00045-02	183010018	PowerCat 6A 2 Port DIN Module Shielded - White	16
WNC-00052-02	181770335	DIN 49075 Keystone Jack Fascia 2 Port with Bezel, unloaded - white	99
WNC-00053-02	181240033	DIN Module, Unloaded, White	30, 98
WSS-00012	181260005	Wallplate Stainless Steel- Bulk Head Jack - 1P	19
WSS-00013	181260006	Wallplate Stainless Steel- Bulk Head Jack - 2P	19
WSS-00014	181260007	Wallplate Stainless Steel- Bulk Head Jack - 4P	19
XFR-10192	180660087	Xtreme Density 1 RU Enclosure 8x24F Cassette Capacity MPO/LC 192 F	53
XFR-19201	181810266	Xtreme Density Cassette Capacity 2X12F MTP/LC OS2 Low Loss	53
XFR-19202	181810267	Xtreme Density Cassette Capacity 2X12F MTP/LC OM3 Low Loss	53

## Order No. Reference

Order No.	SAP No.	Description	Page
XFR-19203	181810268	Xtreme Density Cassette Capacity 2X12F MTP/LC OM4 Low Loss	53
XFR-19204	181810291	Xtreme Density 8X MTP Adapter Box, Adapter Loaded, Singlemode	53
XFR-19205	181810292	Xtreme Density 8X MTP Adapter Box, Adapter Loaded, Multimode	53
XFR-19206	181810293	Xtreme Density 2X24F To 6X8F MTP Transfer Box, OS2, Low Loss	53
XFR-19207	181810294	Xtreme Density 2X24F To 6X8F MTP Transfer Box, OM3, Low Loss	53
XFR-19208	181810298	Xtreme Density 2X24F To 6X8F MTP Transfer Box, OM4, Low Loss	53
XFR-19209	181810295	Xtreme Density Cassette Capacity 1X24F MTP/LC OS2 Low Loss	53
XFR-19210	181810296	Xtreme Density Cassette Capacity 1X24F MTP/LC OM3 Low Loss	53
XFR-19211	181810297	Xtreme Density Cassette Capacity 1X24F MTP/LC OM4 Low Loss	53



# Customer Support Portal

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