PRODUCTS AND SOLUTIONS GUIDE

Connected Enterprise Solutions

Americas

Q1 2026

creating connections for life

molex

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Connected Buildings

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

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

Transforming the way global businesses approach IT infrastructure

Partner of Choice

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

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

Why Choose Molex?

Molex Accreditations

Our worldwide manufacturing sites are certified to the ISO 14001 environmental management system standard, which requires that a broad range of environmental processes and policies be in place to minimize environmental impact and maintain compliance with environmental regulations. All our products are certified to the relevant national and international standards.

25-Year Warranty

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

Ecocare

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

Trust, Integrity and Support

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

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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.

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PowerCat 6A UTP CMP/CMR Cable

PowerCat 6A UTP cable is capable of supporting 10GBASE-T applications and features an innovative noise-canceling aluminum/polyester isolation wrap surrounding the core that delivers excellent alien crosstalk (AXT) performance. The product features a low outside diameter of 0.272" (Plenum) and 0.291" (Riser) , allowing for easier, more efficient installation and cable management. This also improves density and cooling. PowerCat 6A U/UTP cable is third party verified by ETL for Category 6A component compliance and is ideal for PoE applications requiring higher levels of current and is an excellent choice for high-bandwidth, mission-critical applications and wireless access points.

- Noise canceling insulated metallic isolation wrap surrounds surrounds the pairs for AXT protection
- Low outside diameter of 0.272" (Plenum) and 0.291" (Riser) allows for improved cable density and handling
- High cable density and reduced bend radius lowers installation cost
- No grounding or bonding required
- HDBaseT compliant
- Power over Ethernet (PoE) IEEE 802.3bt-2018 compliant
- ANSI/TIA 568.2-D compliant
- ETL verified Category 6A
- Ideal for A/V applications up to 100m channel

Order No.	SAP No.	Description
Plenum		
CAA-00449P-02	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT WHITE TH
CAA-00449P-04	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT BLACK TH
CAA-00449P-08	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT GRAY TH
CAA-00449P-BL	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT BLUE TH
CAA-00449P-GR	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT GREEN TH
CAA-00449P-ON	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT ORANGE TH
CAA-00449P-PK	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT PINK TH
CAA-00449P-PP	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT PURPLE TH
CAA-00449P-YL	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT YELLOW TH
Riser		
CAA-00450R-02	182000000	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT WHITE TH
CAA-00450R-04	182000000	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT BLACK TH
CAA-00450R-08	182000000	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT GRAY TH
CAA-00450R-BL	182000000	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT BLUE TH
CAA-00450R-GR	182000000	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT GREEN TH
CAA-00450R-ON	181740235	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT ORANGE TH
CAA-00450R-PP	1810030165	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT PURPLE TH
CAA-00450R-YL	181740238	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT YELLOW TH

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

4 Pair Termination Tool
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C6A Shielded Keystone Jack
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C6A Shielded Patch Cord Page 10

PowerCat 6A UTP Patch Cord

The Molex PowerCat 6A UTP patch cords are key components of the PowerCat 6A UTP 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. The patch cable is made from high quality four pair 26 AWG stranded copper wire. Available in a range of colors and lengths, PowerCat 6A patch cords are pre-terminated with RJ45 plugs and feature anti-snag slim strain relief slip on boots.

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

PCD-09X XX-XX-I

Patch Cord

Series
090 - PVC C6A UTP
091 - LSZH C6A UTP

Sheath
3 = CPR Rated

Length
For LSZH, length in meters from 1m to 20m. For 0.5 increments see below:
0A = 0.5m
0B = 1.5m
0C = 2.5m
0D = 3.5m
0E = 4.5m

For PVC, length in feet from 1ft to 65ft

Color Code
0W - White
BK - Black
0H - Blue
0E - Gray
0J - Green
0K - Yellow
0N - Orange
0C - Red
VL - Violet
PK - Pink

Only for India

Order No.	SAP No.	Description
PCD-09X-XX-XX-I	Consult Molex	PowerCat 6A UTP Patch Cord

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PowerCat 6A Shielded Cable

PowerCat 6A F/UTP Cable is a single foil shielded twisted pair cable, offering enhanced performance. It minimizes alien crosstalk, provides excellent signal isolation and provides superior electromagnetic interference (EMI) protection.

- Supports high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T
- 1000 ft. to 0 ft. markers
- ETL verified to TIA-568-C.2 Cat 6A component compliance
- Resistant to alien crosstalk
- Color coded for ease of termination
- Enhanced performance overall single foil shielded twisted pair cable construction
- Available in UL Listed CMR and CMP constructions

Order No.	SAP No.	Description
CAA-0320P-02	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT WHITE TH
CAA-0320P-04	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT BLACK TH
CAA-0320P-08	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT GRAY TH
CAA-0320P-3K08	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 3KFT GRAY TH
CAA-0320P-BL	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT BLUE TH
CAA-0320P-GR	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT GREEN TH
CAA-0320P-RD	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT RED TH
CAA-0320P-YL	183020085	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT YELLOW TH
CAA-0320R-02	183020086	CBL C6A F/UTP 4PR 23 AWG CMR 1KFT WHITE TH
CAA-0320R-08	183020087	CBL C6A F/UTP 4PR 23 AWG CMR 1KFT GRAY TH
CAA-0320R-BL	183020088	CBL C6A F/UTP 4PR 23 AWG CMR 1KFT BLUE TH

Termination Tool
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C6 UTP DataGate Jack
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PowerCat 6A DataGate Shielded Straight and Side Entry Jack

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

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

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

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

C6A UTP Keystone Jack
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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

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Copper Solutions PowerCat 6A Shielded

Termination Tool
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PowerCat 6A Shielded Patch Panels

PowerCat 6A Patch Panels features the unique DataGate shielded connector. This shielded connector offers superior alien crosstalk suppression, excellent insertion loss protection and provides enhanced electromagnetic interference (EMI) protection by utilizing robust die-cast zinc alloy connector body housing. Patch Panels are made from robust sheet metal and are supplied with removable rear cable management trays for cable strain relief and neat cable dressing, front and rear port numbering and individual ports may be color coded using connector icon labels for site specific network administration.

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

Order No.	SAP No.	Description
PID-00217	182960022	PowerCat 6A 24 Port Patch Panel 568A/B Shielded - 1U
PID-00219	182960024	PowerCat 6A 48 Port Patch Panel 568A/B Shielded - 2U
PID-00218	182960023	PowerCat 6A 24 Port Angled Patch Panel 568A/B Shielded - 1U
PID-00220	182960025	PowerCat 6A 48 Port Angled Patch Panel 568A/B Shielded - 2U
Accessories		
CSP-00021-**	Consult Molex	Blank Connector Icon Labels 6-Pack (Bag of 10)

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

PowerCat 6A Slim 28 AWG Shielded Patch Cords, PVC

Molex slim shielded PVC 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 20% 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. Manufactured from high quality, flexible four pair 28 AWG stranded copper wire. Each pair is shielded in aluminum/mylar foil and enclosed in a PVC sheath. The patch cords include Molex high performance Category 6A shielded RJ45 plugs with anti-snag latch protection and low-profile, strain-relief boots.

- Offers 20% space saving compared with standard 26 AWG cords
- Low 0.20-inch outer diameter reduces patching congestion
- 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 PoE IEEE 802.3 type 1,2,3 & 4 (follow installation guidance)
- 4 Pair 28 AWG stranded copper wire foil shielded
- PVC sheath
- High performance C6A shielded plugs
- Anti-snag plug latch protection
- Low profile, strain-relief boots
- Supports 10GBASE-T networks when installed as a complete PowerCat 6A solution
- ANSI/TIA-568.2-D:2018 compliant

Order No.	SAP No.	Description
PCD-70503-**	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord PVC 3ft
PCD-70505-**	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord PVC 5ft
PCD-70507-**	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord PVC 7ft
PCD-70510-**	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord PVC 10ft
PCD-70515-**	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord PVC 15ft
PCD-70520-**	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord PVC 20ft

** Color Options - 0E = Gray, 0H = Blue, 0C = Red, 0K = Yellow, 0J = Green, BK = Black, WH = White. Note: Molex 28AWG patch cords both offer reliable, efficient performance. If using 28AWG, please follow Molex's guidelines to maintain long-term system integrity. For compliance and optimal results, Molex recommends using patch cords with a minimum length of 0.5 meters (500mm) within communication channels. A maximum of 32ft of 28 AWG patch cordage can be installed in a channel length of 303ft (de-rating factor 1.95). 28 AWG patch cord bundles must be controlled when used to support PoE devices IEEE 802.3bt to prevent heat build-up which degrades signal performance. Consult Molex Connected Enterprise Solutions Technical Support for installation guidance.

PowerCat 6A Shielded Patch Cord

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. The patch cable is made from high quality four pair 26 AWG stranded copper wire. Available in a range of colours and lengths, PowerCat 6A patch cords are preterminated with RJ45 plugs and feature anti-snag slim strain relief slip on boots.

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

Order No.	SAP No.	Description
PCD-07020-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 1.0m
PCD-07021-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 2.0m
PCD-07022-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 3.0m
PCD-07024-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 5.0m
PCD-07026-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 7.0m
PCD-07029-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 10.0m

** Color Options - 0C=Red, 0E=Grey, 0H=Blue, 0J=Green, 0K=Yellow, 0W=White, 0P=Purple, 0N=Orange, BK=Black

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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

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Copper Solutions PowerCat 6A Harsh Environment IP65

Harsh Environment IP65 Wallplates and Patch Cords

Molex Harsh Environmental IP65 products have been created using chemically resistant easy clean materials.

- 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
IP65 Harsh Environment Patch Cords		
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
Outdoor Push-Pull Patch Cords		
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
Outlets & Connectors		
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

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Copper Solutions PowerCat 6A Shielded IP67 Connectivity Solution

C6A Shielded Keystone Jack Page 9

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

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

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

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

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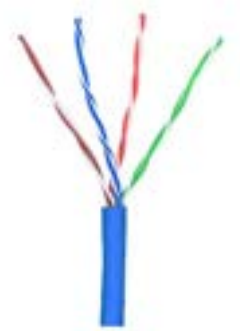
PowerCat 6 U/UTP Cable

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 1000ft or 3000ft reel in a box
- 23 AWG Conductors for improved Insertion Loss Performance
- Plenum and riser
- Foot length markers
- Splineless for quicker installation

Order No.	SAP No.	Description
Plenum		
CAA-0195P-BL	181740023	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT BLUE
CAA-0195P-02	181740024	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT WHITE
CAA-0195P-08	181740025	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT GRAY
CAA-0195P-GR	181740031	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT GREEN
CAA-0195P-YL	181740030	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT YELLOW
Riser		
CAA-0195R-BL	181740026	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT BLUE
CAA-0195R-02	181740027	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT WHITE
CAA-0195R-08	181740028	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT GRAY
CAA-0195R-GR	181740034	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT GREEN
CAA-0195R-YL	181740033	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT YELLOW
CAA-0195P-3KBL	181740029	CBL C6 U/UTP 4PR 23 AWG CMP 3000FT BLUE



PowerCat 6 Enhanced Cable

The Molex PowerCat 6 Enhanced cable is our premium Category 6 U/UTP cable that is ideal for high speed Gbit Ethernet networks. This premium cable is designed specifically to handle voice, video, and data concurrently and is also ideal for PoE applications. The PowerCat 6 Enhanced cable is a key component of the Molex PowerCat 6 end-to-end solution.

- Full Duplex operation capable over four cable pairs
- Increased crosstalk headroom beyond the TIA Cat 6 standard
- Documented balance characteristics (LCL/TCL, EL TCTL)
- Reduced Insertion Loss (Attenuation)
- ETL verified to TIA-568-C.2 Category 6 standard
- Highest performing UTP cable available
- 1000 foot to 0 foot markers
- Specified and tested to 500 MHz

Order No.	SAP No.	Description
CAA-0183P-02	181700040	CBL C6 U/UTP 4PR 23 AWG PVC CMP 1000FT WHITE
CAA-0183P-08	181700038	CBL C6 U/UTP 4PR 23 AWG PVC CMP 1000FT LIGHT GRAY
CAA-0183P-BL	181700041	CBL C6 U/UTP 4PR 23 AWG PVC CMP 1000FT BLUE
CAA-0183P-YL	181700039	CBL C6 U/UTP 4PR 23 AWG PVC CMP 1000FT YELLOW
CAA-0183R-02	181700035	CBL C6 U/UTP 4PR 23 AWG PVC CMR 1000FT WHITE
CAA-0183R-08	181700033	CBL C6 U/UTP 4PR 23 AWG PVC CMR 1000FT LIGHT GRAY
CAA-0183R-BL	181700034	CBL C6 U/UTP 4PR 23 AWG PVC CMR 1000FT BLUE
CAA-0183R-YL	181700036	CBL C6 U/UTP 4PR 23 AWG PVC CMR 1000FT YELLOW

PowerCat 6 U/UTP CMP/CMR REELEX 1000FT Cable

The Molex PowerCat 6 500 is a premium Category 6 U/UTP cable that is ideal for supporting high speed Gigabit Ethernet networks. This cable is key component of the Molex PowerCat 6 end-to-end solution.

- Specified to 350MHz and tested to 500MHz
- ETL verified to TIA-568.2-D Category 6 standard
- Electrical performance characteristics, including balance, guaranteed across entire frequency range
- Cross filler provides improved electrical performance
- 1000 feet to 0 foot markers
- Robust box design minimizes tangles during installation
- RoHS compliant
- 23 AWG copper conductors

Order No.	SAP No.	Description
CMP		
CAA-0181P-02-RX	181740250	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT WHITE
CAA-0181P-08-RX	181740251	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT GRAY
CAA-0181P-0N-RX	181740252	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT ORANGE
CAA-0181P-BL-RX	181740253	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT BLUE
CAA-0181P-GR-RX	181740254	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT GREEN
CAA-0181P-PK-RX	181740255	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT PINK
CAA-0181P-PP-RX	181740256	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT PURPLE
CAA-0181P-RD-RX	181740257	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT RED
CAA-0181P-YL-RX	181740258	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT YELLOW
CMR		
CAA-0181R-02-RX	181740259	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT WHITE
CAA-0181R-04-RX	181740260	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT BLACK
CAA-0181R-08-RX	181740261	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT GRAY
CAA-0181R-BL-RX	181740262	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT BLUE
CAA-0181R-GR-RX	181740263	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT GREEN
CAA-0181R-YL-RX	181740264	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT YELLOW

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Copper Solutions PowerCat 6 Unshielded

PowerCat 6 UTP Keystone Jack

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

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

4-Pair Termination Tool
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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 UTP Compact Tool-less Keystone Jack

Molex Category 6 UTP Keystone jacks allow for quick and simple termination without the need for tooling. The compact design allows 48 ports to be accomodated in the 1U patch panel, ideal for high density applications.

- Popular Keystone Design
- 568A or 568B wiring option
- No termination tool required
- Optional snap-on shutter for prevention of dust ingress
- Compact design compatible with the 1 U 48 port high density patch panel
- Achieves Category 6 transmission performance requirements in link and channel when installed with Molex cable

Order No.	SAP No.	Description
KSJ-00087-02	180430039	PowerCat 6 UTP Compact Tool-less Keystone Jack 568A/B, White
KSJ-00087-04	180430040	PowerCat 6 UTP Compact Tool-less Keystone Jack 568A/B, Black

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.

Termination Tool
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Order No.	SAP No.	Description
KSJ-00018-02	181970080	DataGate Jack Category 6 8W 568A/B White
KSJ-00018-04	181970081	DataGate Jack Category 6 8W 568A/B Black
KSJ-00018-08	181970085	DataGate Jack Category 6 8W 568A/B Gray
KSJ-00018-BL	181970086	DataGate Jack Category 6 8W 568A/B Blue
KSJ-00018-GR	181970087	DataGate Jack Category 6 8W 568A/B Green
KSJ-00018-RD	181970088	DataGate Jack Category 6 8W 568A/B Red
KSJ-00018-RG	181970089	DataGate Jack Category 6 8W 568A/B Orange
KSJ-00018-YL	181970090	DataGate Jack Category 6 8W 568A/B Yellow

** 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.

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
- 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

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PowerCat 6 Patch Panels, Loaded

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	182090041	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)

**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 Slim 28 AWG PVC Patch Cords

Molex PowerCat 6 Slim Patch Cords are designed to support high-speed 10/100 BASE-T/1000 BASE-T networks and offer a 40% space saving compared with standard Molex 24 AWG C6 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. Manufactured from high quality, flexible four pair 28 AWG stranded copper wire. The patch cords include Molex high performance Category 6 RJ45 plugs with anti-snag latch protection and low-profile, strain-relief boots.

- Low 3.8mm outer diameter reduces patching congestion Offers 40% space saving compared with standard 24 AWG cords
- Ideal for high-density patching areas in data centers where long channel lengths are not a requirement
- Supports IEEE 802.3 type 1,2,3 & 4 (follow installation guidance)
- High performance C6 plugs
- Anti-snag plug latch protection
- Low profile, strain-relief boots
- Supports 10/100 BASE-T & 1000 BASE-T networks when installed as a complete PowerCat 6 solution
- ANSI/TIA-568.2-D:2018 compliant

28AWG C6A Patch Cords Page 10

Order No.	SAP No.	Description
PCD-0240A-0E	181993513	PATCH CORD C6 U/UTP 28AWG PVC 0.5M GRAY
PCD-02401-0E	181993514	PATCH CORD C6 U/UTP 28AWG PVC 1M GRAY
PCD-0240B-0E	181993515	PATCH CORD C6 U/UTP 28AWG PVC 1.5M GRAY
PCD-02402-0E	181993516	PATCH CORD C6 U/UTP 28AWG PVC 2M GRAY
PCD-02403-0E	181993517	PATCH CORD C6 U/UTP 28AWG PVC 3M GRAY
PCD-02405-0E	181993518	PATCH CORD C6 U/UTP 28AWG PVC 5M GRAY
PCD-02410-0E	181993519	PATCH CORD C6 U/UTP 28AWG PVC 10M GRAY

Note: Molex 28AWG patch cords both offer reliable, efficient performance. If using 28AWG, please follow Molex’s guidelines to maintain long-term system integrity. For compliance and optimal results, Molex recommends using patch cords with a minimum length of 0.5 meters (500mm) within communication channels. To support safe, effective PoE installations, Molex offers an innovative PoE calculator, available via the Customer Support Portal. For installation guidance, consult Molex Technical Services.

PowerCat 6 U/UTP PVC Patch Cords

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

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

Order No.	SAP No.	Description
PCD-02040-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 0.5m (1.6ft)
PCD-02041-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 1m (3ft)
PCD-02047-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 1.5m (5ft)
PCD-02042-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 2m (6.5ft)
PCD-02043-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 3m (9.8ft)
PCD-02045-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 7m (22ft)
PCD-02046-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 10m (32ft)

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

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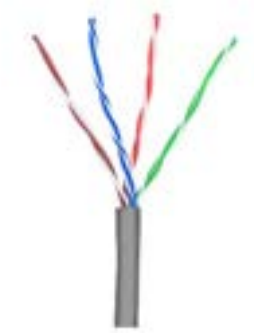

PowerCat 5e U/UTP CM Cable

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.

- Supports telephony voice wiring, 10 Base-T and ultrahigh speed data net works such as Gigabit Ethernet (1000 Base-T)
- 4 pair PVC Cable
- Color coded pairs for ease of termination
- Available in 305m pull boxes
- UL listed
- CM Rated

Order No.	SAP No.	Description
CAA-00102	182080045	CBL C5E U/UTP 4PR 24 AWG CM PVC 305M GRAY

PowerCat 5e IP U/UTP Cable

Molex's PowerCat 5e IP U/UTP cable is designed to provide improved performance for emerging technologies and applications that require next generation 4-pair Power over Ethernet (4PPoE) up to 100 watts and bandwidth requirements up to 1 Gigabit Ethernet. With the advent of IoT, more and more IP-enabled devices are being connected to and powered through our IP networks than ever before. Many of these devices support emerging technologies and applications that require higher power PoE support up to 100 watts over 4 pairs (4PPoE). While some of these applications are power intensive, they do not all require high bandwidth speeds and only need up to 1 Gigabit Ethernet support. The PowerCat 5e IP CMP cable is specifically designed for theses type of technologies and applications and is the ideal choice to support high power (4PPoE) when bandwidth requirements do not exceed 1 Gigabit Ethernet.

- 22 AWG solid copper wire
- Small OD size of 0.23"
- Usable bandwidth up to 350 MHz
- Supports emerging PoE IP-enabled devices
- Powered by building emergency source
- No auxiliary PoE port needed
- UL 924, CSA C22.2 No 141, FCC Class A
- NFPA (NEC, Life Safety Code) IBC

Order No.	SAP No.	Description
CAA-00417P-0K	181700124	CBL C5E U/UTP 4PR 22 AWG CMP 1000FT YELLOW

PowerCat 5e UTP 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-00024-02	181970103	PowerCat 5e DataGate Jack, 568A/B - Shuttered - White
KSJ-00024-04	181970105	PowerCat 5e DataGate Jack, 568A/B - Shuttered - Black
KSJ-00024-BL	181970110	PowerCat 5e DataGate Jack, 568A/B - Shuttered - Blue
KSJ-00024-RD	181970112	PowerCat 5e DataGate Jack, 568A/B - Shuttered - Red

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-00032-02	181970169	Keystone Jack, Category 5e, 8W, 568A/B - White

C6 UTP Keystone Jack
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C6A UTP Keystone Jack
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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
Accessories		
CSP-00021-**	Consult Molex	Blank Connector Icon Labels 6-Pack (Bag of 10)
CSP-00022-**	Consult Molex	Data Connector Icon Labels 6-Pack (Bag of 10)
CSP-00023-**	Consult Molex	Voice Connector Icon Labels 6-Pack (Bag of 10)

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

PowerCat 5e UTP Patch Cords

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

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

Order No.	SAP No.	Description
PCD-01000-0E	181910586	PowerCat 5e Patch Cord, UTP, LS0H, Gray 0.5m
PCD-01001-0E	181910595	PowerCat 5e Patch Cord, UTP, LS0H, Gray 1.0m
PCD-01001-BK	181910602	PowerCat 5e Patch Cord, UTP, LS0H, Black 1.0m
PCD-01003-0E	181910613	PowerCat 5e Patch Cord, UTP, LS0H, Gray 2.0m
PCD-01005-0E	181910631	PowerCat 5e Patch Cord, UTP, LS0H, Gray 3.0m
PCD-01009-0E	181910667	PowerCat 5e Patch Cord, UTP, LS0H, Gray 5.0m
PCD-01019-0E	181910757	PowerCat 5e Patch Cord, UTP, LS0H, Gray 10.0m

PowerCat 5e Patch Cords Unshielded - PVC

Molex PowerCat 5e Unshielded Patch Cords are key components of PowerCat 5e U/UTP End-to-End Solution and 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 5e patch cords are pre-terminated with RJ45 plugs and feature anti-snag slim strain relief slip on boots.

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

Order No.	SAP No.	Description
PCD-01043-0C	181910972	PowerCat 5e Patch Cord, UTP, PVC, Red 3.0m
PCD-01044-0C	181910981	PowerCat 5e Patch Cord, UTP, PVC, Red 5.0m

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Keystone Jack 1 & 2 Port Surface Mount Boxes

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

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

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

Keystone Jack C6A UTP Page 7

Keystone Jack C6A Shielded Page 9

Keystone Jack C6 UTP Page 15

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

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

Keystone Jack Page 15

PowerCat 6A Unloaded DataGate Adapter Plate

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

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

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

Multi-Function Enclosure Page 32

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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

C6A Shielded DataGate Jack
Page 9

C5e DataGate Jack
Page 17

Order No.	SAP No.	Description
PID-00258-04	180810072	PowerCat 24 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 1U - Black - Imperial Fixing Kit
PID-00258-02	180810067	PowerCat 24 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 1U - White
PID-00259-04	180810073	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U - Black - Imperial Fixing Kit
PID-00259-02	180810068	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U - White
PID-00260-04	180810074	PowerCat 48 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 2U - Black - Imperial Fixing Kit
PID-00260-02	180810069	PowerCat 48 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 2U - White
PID-00261-04	1800810075	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U - Black - Imperial Fixing Kit
PID-00261-02	180810070	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U - White
KSJ-00005-0*	Consult Molex	Single Position Blank Module (Bag of 25)

* Color Options - 2 = White, 4 = Black

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

DIN Rail Fiber Enclosure
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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

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Fiber Optic Solution Lightband Cable

Fiber Cable - Indoor/Outdoor Loose Tube Cable

Molex Lightband Fiber Optic Loose Tube Indoor/ Outdoor cables utilizes dry water blocking technology utilizing super absorbent polymers rather than traditional petroleum based gels both inside the fiber tubes and the core of the cable. Molex offers designs for both plenum (OFNP) flame rated and non-plenum (riser/OFNR) flame rated applications while meeting the demanding requirements for outside plant installations. The versatile design allows users to install a single cable for both their indoor and outdoor environments without mechanical or optical compromise. Molex Loose Tube Indoor/ Outdoor cables are available in 50µm, 62.5µm Multimode and Singlemode fibers.

- All Dielectric cable construction requires no grounding or bonding
- Totally dry water blocked cable requires no cleaning of gels while fully meeting water blocking requirements of gel filled cables No transition required from outside plant cable to tight buffered flame rated indoor cable
- No transition means material cost savings, labor savings and optical loss budget savings
- Other versions available - contact customer services for more information

Order No.	SAP No.	Description
Non-Plenum, OM1		
AFOIR006OM1	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 6 Fiber, OM1, Non Plenum, Black
AFOIR008OM1	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 8 Fiber, OM1, Non Plenum, Black
AFOIR012OM1	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 12 Fiber, OM1, Non Plenum, Black
AFOIR024OM1	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 24 Fiber, OM1, Non Plenum, Black
AFOIR048OM1	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 48 Fiber, OM1, Non Plenum, Black
Non-Plenum, OM3		
AFOIR006OM3	180580300	Advanced Fiber Optic Cable, Indoor / Outdoor - 6 Fiber, OM3, Non Plenum, Aqua
AFOIR008OM3	180580333	Advanced Fiber Optic Cable, Indoor / Outdoor - 8 Fiber, OM3, Non Plenum, Aqua
AFOIR012OM3	180580304	Advanced Fiber Optic Cable, Indoor / Outdoor - 12 Fiber, OM3, Non Plenum, Aqua
AFOIR024OM3	180580210	Advanced Fiber Optic Cable, Indoor / Outdoor - 24 Fiber, OM3, Non Plenum, Aqua
AFOIR048OM3	180580212	Advanced Fiber Optic Cable, Indoor / Outdoor - 48 Fiber, OM3, Non Plenum, Aqua
Non-Plenum, OM4		
AFOIR006OM4	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 6 Fiber, OM4, Non Plenum, Aqua
AFOIR008OM4	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 8 Fiber, OM4, Non Plenum, Aqua
AFOIR012OM4	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 12 Fiber, OM4, Non Plenum, Aqua
AFOIR024OM4	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 24 Fiber, OM4, Non Plenum, Aqua
AFOIR048OM4	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 48 Fiber, OM4, Non Plenum, Aqua
AFOIR096OM4	180580576	Advanced Fiber Optic Cable, Indoor / Outdoor - 96 Fiber, OM4, Non Plenum, Aqua
Non-Plenum, OM5		
AFOIR006OM5	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 6 Fiber, OM5, Non Plenum, Lime Green
AFOIR008OM5	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 8 Fiber, OM5, Non Plenum, Lime Green
AFOIR012OM5	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 12 Fiber, OM5, Non Plenum, Lime Green
AFOIR024OM5	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 24 Fiber, OM5, Non Plenum, Lime Green
Non-Plenum, OS2		
AFOIR006OS2	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 6 Fiber, OS2, Non Plenum, Yellow
AFOIR012OS2	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 12 Fiber, OS2, Non Plenum, Yellow
AFOIR024OS2	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 24 Fiber, OS2, Non Plenum, Yellow
AFOIR048OS2	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 48 Fiber, OS2, Non Plenum, Yellow
Plenum, OM1		
AFOIP006OM1	180570010	Advanced Fiber Optic Cable, Indoor / Outdoor - 6 Fiber, OM1, Plenum, Black
AFOIP012OM1	180580227	Advanced Fiber Optic Cable, Indoor / Outdoor - 12 Fiber, OM1, Plenum, Black
AFOIP024OM1	180580228	Advanced Fiber Optic Cable, Indoor / Outdoor - 24 Fiber, OM1, Plenum, Black
AFOIP048OM1	180580230	Advanced Fiber Optic Cable, Indoor / Outdoor - 48 Fiber, OM1, Plenum, Black
Plenum, OM3		
AFOIP006OM3	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 6 Fiber, OM3, Plenum, Aqua
AFOIP012OM3	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 12 Fiber, OM3, Plenum, Aqua
AFOIP024OM3	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 24 Fiber, OM3, Plenum, Aqua

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Order No.	SAP No.	Description
AFOIP048OM3	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 48 Fiber, OM3, Plenum, Aqua
Plenum, OM4		
AFOIP006OM4	180580235	Advanced Fiber Optic Cable, Indoor / Outdoor - 6 Fiber, OM4, Plenum, Aqua
AFOIP012OM4	180580218	Advanced Fiber Optic Cable, Indoor / Outdoor - 12 Fiber, OM4, Plenum, Aqua
AFOIP024OM4	180580219	Advanced Fiber Optic Cable, Indoor / Outdoor - 24 Fiber, OM4, Plenum, Aqua
AFOIP048OM4	180580221	Advanced Fiber Optic Cable, Indoor / Outdoor - 48 Fiber, OM4, Plenum, Aqua
Plenum, OM5		
AFOIP006OM5	180570282	Advanced Fiber Optic Cable, Indoor / Outdoor - 6 Fiber, OM5, Plenum, Lime Green
AFOIP012OM5	180580587	Advanced Fiber Optic Cable, Indoor / Outdoor - 12 Fiber, OM5, Plenum, Lime Green
AFOIP024OM5	180580588	Advanced Fiber Optic Cable, Indoor / Outdoor - 24 Fiber, OM5, Plenum, Lime Green
AFOIP048OM5	Consult Molex	Advanced Fiber Optic Cable, Indoor / Outdoor - 48 Fiber, OM5, Plenum, Lime Green
AFOIP006OS2	180580188	Advanced Fiber Optic Cable, Indoor / Outdoor - 6 Fiber, OS2, Plenum, Yellow
AFOIP012OS2	180580236	Advanced Fiber Optic Cable, Indoor / Outdoor - 12 Fiber, OS2, Plenum, Yellow
AFOIP024OS2	180580237	Advanced Fiber Optic Cable, Indoor / Outdoor - 24 Fiber, OS2, Plenum, Yellow
AFOIP048OS2	180580239	Advanced Fiber Optic Cable, Indoor / Outdoor - 48 Fiber, OS2, Plenum, Yellow

Advanced Fiber Optic Building Distribution Plenum Cable

Molex Advanced Fiber Optic Building Distribution Cable utilizes 900µm buffered fibers surrounded by aramid yarn strength members with a flame-retardant outer jacket. These cables are ideal for interbuilding backbone, data center and horizontal installations.

- Easy strip buffers enable fast, consistent stripping for termination
- Flexible, small diameter cable with high tensile strength for cable routing and installation
- No bonding required due to all-dielectric construction
- Listed OFNR/FT4, OFNP/FT6 and also available in low smoke zero halogen
- Available with OM3, OM4, OM5 Grade Laser Optimized 10 Gigabit Ethernet fiber

Order No.	SAP No.	Description
OM1		
AFOBP006OM1	180580154	6 Fiber Building Distribution Cable, Plenum, OM1 - Orange
AFOBP012OM1	180580156	12 Fiber Building Distribution Cable, Plenum, OM1 - Orange
AFOBP024OM1	180580157	24 Fiber Building Distribution Cable, Plenum, OM1 - Orange
AFOBP048OM1	180580159	48 Fiber Building Distribution Cable, Plenum, OM1 - Orange
AFOBP072OM1	180580161	72 Fiber Building Distribution Cable, Plenum, OM1 - Orange
OM2		
AFOBP006OM2	180580098	6 Fiber Building Distribution Cable, Plenum, OM2 - Orange
AFOBP072OM2	180580105	72 Fiber Building Distribution Cable, Plenum, OM2 - Orange
OM3		
AFOBP006OM3	180580078	6 Fiber Building Distribution Cable, Plenum, OM3 - Aqua
AFOBP012OM3	180580080	12 Fiber Building Distribution Cable, Plenum, OM3 - Aqua
AFOBP024OM3	180580081	24 Fiber Building Distribution Cable, Plenum, OM3 - Aqua
AFOBP048OM3	180580083	48 Fiber Building Distribution Cable, Plenum, OM3 - Aqua
AFOBP072OM3	180580085	72 Fiber Building Distribution Cable, Plenum, OM3 - Aqua
OM4		
AFOBP006OM4	180580566	6 Fiber Building Distribution Cable, Plenum, OM4 - Aqua
AFOBP012OM4	180580432	12 Fiber Building Distribution Cable, Plenum, OM4 - Aqua
AFOBP024OM4	180580429	24 Fiber Building Distribution Cable, Plenum, OM4 - Aqua
AFOBP048OM4	180580567	48 Fiber Building Distribution Cable, Plenum, OM4 - Aqua
AFOBP072OM4	180580568	72 Fiber Building Distribution Cable, Plenum, OM4 - Aqua
OM5		
AFOBP006OM5	180580761	6 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green
AFOBP012OM5	180580763	12 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green
AFOBP024OM5	180580764	24 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green
AFOBP048OM5	180580784	48 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green
AFOBP072OM5	180580785	72 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green
OS2		
AFOBP006OS2	180580569	6 Fiber Building Distribution Cable, Plenum, OS2 - Yellow
AFOBP012OS2	180580120	12 Fiber Building Distribution Cable, Plenum, OS2 - Yellow
AFOBP024OS2	180580571	24 Fiber Building Distribution Cable, Plenum, OS2 - Yellow
AFOBP048OS2	180580572	48 Fiber Building Distribution Cable, Plenum, OS2 - Yellow
AFOBP072OS2	180580573	72 Fiber Building Distribution Cable, Plenum, OS2 - Yellow

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Fiber Optic Solution Lightband Cable

Advanced Fiber Optic Building Distribution Cable - Non-Plenum

Molex Advanced Fiber Optic Building Distribution Cable utilizes 900µm buffered fibers surrounded by aramid yarn strength members with a flame-retardant outer jacket. These cables are ideal for interbuilding backbone, data center and horizontal installations. Molex Distribution Cable is available in 50µm, 62.5µm Multimode and Singlemode fibers.

- Easy strip buffers enable fast, consistent stripping for termination
- Flexible, small diameter cable with high tensile strength for cable routing and installation
- Listed OFNR/FT4, OFNP/FT6 and also available in low smoke zero halogen

Order No.	SAP No.	Description
OM1		
AFOBR006OM1	Consult Molex	6 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange
AFOBR012OM1	Consult Molex	12 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange
AFOBR024OM1	Consult Molex	24 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange
AFOBR048OM1	Consult Molex	48 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange
AFOBR072OM1	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange
OM2		
AFOBR006OM2	180580088	6 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange
AFOBR012OM2	180580090	12 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange
AFOBR024OM2	180580091	24 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange
AFOBR048OM2	180580093	48 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange
AFOBR072OM2	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange
OM3		
AFOBR006OM3	180580068	6 Fiber Building Distribution Cable, Non-Plenum, OM3 - Aqua
AFOBR012OM3	180580070	12 Fiber Building Distribution Cable, Non-Plenum, OM3 - Aqua
AFOBR024OM3	180580071	24 Fiber Building Distribution Cable, Non-Plenum, OM3 - Aqua
AFOBR048OM3	180580073	48 Fiber Building Distribution Cable, Non-Plenum, OM3 - Aqua
OM4		
AFOBR006OM4	180580409	6 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua
AFOBR012OM4	180580412	12 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua
AFOBR024OM4	Consult Molex	24 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua
AFOBR048OM4	Consult Molex	48 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua
AFOBR072OM4	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua
AFOBR072OM5	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OM5 - Lime Green
OS2		
AFOBR006OS2	180580108	6 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow
AFOBR012OS2	180580110	12 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow
AFOBR024OS2	180580111	24 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow
AFOBR048OS2	180580113	48 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow
AFOBR072OS2	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow

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Fiber Optic Solution Lightband Cable

Inter-Locking Armored Indoor Tight Buffered Sheath

Armored for harsh outdoor applications with a flexible jacketed armor which maintains fiber bend radius during installation. Fibers are compliant to ASO-IEX 11801 specifications. Listed OFNR/FT4, OFNP/FT6

- Small OD, single-pull cost effective alternative to inner duct and or conduit permitting significant installation and material cost savings.
- Available in 50/125µm and 62.5/125µm MM and 9/125µm SM fiber versions
- Other Core Counts available upon request

Order No.	SAP No.	Description
OFNR: OM1		
AFOXR004OM1	180580775	4 Fiber, Inter-Locking Fiber Cable, OFNR - OM1
AFOXR006OM1	180580340	6 Fiber, Inter-Locking Fiber Cable, OFNR - OM1
AFOXR008OM1	180580776	8 Fiber, Inter-Locking Fiber Cable, OFNR - OM1
AFOXR012OM1	180580343	12 Fiber, Inter-Locking Fiber Cable, OFNR - OM1
AFOXR024OM1	180580346	24 Fiber, Inter-Locking Fiber Cable, OFNR - OM1
OFNR: OM2		
AFOXR006OM2	180580778	6 Fiber, Inter-Locking Fiber Cable, OFNR - OM2
AFOXR008OM2	180580779	8 Fiber, Inter-Locking Fiber Cable, OFNR - OM2
AFOXR012OM2	180580780	12 Fiber, Inter-Locking Fiber Cable, OFNR - OM2
AFOXR024OM2	180580781	24 Fiber, Inter-Locking Fiber Cable, OFNR - OM2
OFNR: OM3		
AFOXR006OM3	180580341	6 Fiber, Inter-Locking Fiber Cable, OFNR - OM3
AFOXR008OM3	180580783	8 Fiber, Inter-Locking Fiber Cable, OFNR - OM3
AFOXR012OM3	180580344	12 Fiber, Inter-Locking Fiber Cable, OFNR - OM3
AFOXR024OM3	180580347	24 Fiber, Inter-Locking Fiber Cable, OFNR - OM3
AFOXR048OM3	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNR - OM3
OFNR: OM4		
AFOXR006OM4	180580382	6 Fiber, Inter-Locking Fiber Cable, OFNR - OM4
AFOXR008OM4	180580383	8 Fiber, Inter-Locking Fiber Cable, OFNR - OM4
AFOXR012OM4	180580384	12 Fiber, Inter-Locking Fiber Cable, OFNR - OM4
AFOXR024OM4	180580385	24 Fiber, Inter-Locking Fiber Cable, OFNR - OM4
AFOXR048OM4	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNR - OM4
OFNR: OS2		
AFOXR006OS2	180580377	6 Fiber, Inter-Locking Fiber Cable, OFNR - OS2
AFOXR008OS2	180580378	8 Fiber, Inter-Locking Fiber Cable, OFNR - OS2
AFOXR012OS2	180580379	12 Fiber, Inter-Locking Fiber Cable, OFNR - OS2
AFOXR024OS2	180580380	24 Fiber, Inter-Locking Fiber Cable, OFNR - OS2
AFOXR048OS2	180580281	48 Fiber, Inter-Locking Fiber Cable, OFNR - OS2
OFNP: OM1		
AFOXP006OM1	Consult Molex	6 Fiber, Inter-Locking Fiber Cable, OFNP - OM1
AFOXP012OM1	Consult Molex	12 Fiber, Inter-Locking Fiber Cable, OFNP - OM1
AFOXP024OM1	Consult Molex	24 Fiber, Inter-Locking Fiber Cable, OFNP - OM1
AFOXP048OM1	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNP - OM1
OFNP: OM3		
AFOXP006OM3	180580653	6 Fiber, Inter-Locking Fiber Cable, OFNP - OM3
AFOXP012OM3	180580282	12 Fiber, Inter-Locking Fiber Cable, OFNP - OM3
AFOXP024OM3	180580363	24 Fiber, Inter-Locking Fiber Cable, OFNP - OM3
AFOXP048OM3	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNP - OM3
OFNP: OM4		
AFOXP006OM4	180580673	6 Fiber, Inter-Locking Fiber Cable, OFNP - OM4
AFOXP012OM4	Consult Molex	12 Fiber, Inter-Locking Fiber Cable, OFNP - OM4
AFOXP024OM4	Consult Molex	24 Fiber, Inter-Locking Fiber Cable, OFNP - OM4
AFOXP048OM4	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNP - OM4
OFNP: OS2		
AFOXP006OS2	180580361	6 Fiber, Inter-Locking Fiber Cable, OFNP - OS2
AFOXP012OS2	180580364	12 Fiber, Inter-Locking Fiber Cable, OFNP - OS2
AFOXP024OS2	180580418	24 Fiber, Inter-Locking Fiber Cable, OFNP - OS2
AFOXP048OS2	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNP - OS2

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Fiber Optic Solution Lightband Cable

Armored Loose Tube Fiber Optic Cable

Molex Lightband Armor Loose Tube consist of indoor/outdoor rated fiber optic loose tube cables encased with aluminum or steel spirally wrapped armor in an interlocking configuration. The armored cable is then covered with a plenum rated jacket to prevent snags during installation.

- Eliminates the need for conduit or plenum innerduct
- Significant cost savings in both materials and labor - up to 25%
- Accommodates last minute relocations or pathway changes
- Provides a higher concentration of cables in an area than conduit
- Armor provides crush protection and protection from rodent attacks

Order No.	SAP No.	Description
NON-PLENUM-OFNR: OM1		
AFXLTR006OM1	Consult Molex	6 Fiber, Armored Loose Tube Cable - OM1
AFXLTR012OM1	Consult Molex	12 Fiber, Armored Loose Tube Cable - OM1
AFXLTR024OM1	Consult Molex	24 Fiber, Armored Loose Tube Cable - OM1
AFXLTR048OM1	Consult Molex	48 Fiber, Armored Loose Tube Cable - OM1
AFXLTR072OM1	Consult Molex	72 Fiber, Armored Loose Tube Cable - OM1
NON-PLENUM-OFNR: OM3		
AFXLTR006OM3	Consult Molex	6 Fiber, Armored Loose Tube Cable - OM3
AFXLTR012OM3	Consult Molex	12 Fiber, Armored Loose Tube Cable - OM3
AFXLTR024OM3	Consult Molex	24 Fiber, Armored Loose Tube Cable - OM3
AFXLTR048OM3	Consult Molex	48 Fiber, Armored Loose Tube Cable - OM3
AFXLTR072OM3	Consult Molex	72 Fiber, Armored Loose Tube Cable - OM3
NON-PLENUM-OFNR: OM4		
AFXLTR006OM4	Consult Molex	6 Fiber, Armored Loose Tube Cable - OM4
AFXLTR012OM4	Consult Molex	12 Fiber, Armored Loose Tube Cable - OM4
AFXLTR024OM4	Consult Molex	24 Fiber, Armored Loose Tube Cable - OM4
NON-PLENUM-OFNR: OS2		
AFXLTR006OS2	Consult Molex	6 Fiber, Armored Loose Tube Cable - OS2
AFXLTR012OS2	Consult Molex	12 Fiber, Armored Loose Tube Cable - OS2
AFXLTR024OS2	180580735	24 Fiber, Armored Loose Tube Cable - OS2
AFXLTR048OM4	Consult Molex	48 Fiber, Armor, Loose Tube
AFXLTR048OS2	Consult Molex	48 Fiber, Armored Loose Tube Cable - OS2
AFXLTR072OM4	Consult Molex	72 Fiber, Armor, Loose Tube
AFXLTR072OS2	Consult Molex	72 Fiber, Armored Loose Tube Cable - OS2
PLENUM-OFNP: OM1		
AFXLTP006OM1	Consult Molex	6 Fiber, Armored Loose Tube Cable - OM1
AFXLTP012OM1	Consult Molex	12 Fiber, Armored Loose Tube Cable - OM1
AFXLTP024OM1	Consult Molex	24 Fiber, Armored Loose Tube Cable - OM1
AFXLTP048OM1	Consult Molex	48 Fiber, Armored Loose Tube Cable - OM1
PLENUM-OFNP: OM3		
AFXLTP006OM3	180580649	6 Fiber, Armored Loose Tube Cable - OM3
AFXLTP012OM3	180580428	12 Fiber, Armored Loose Tube Cable - OM3
AFXLTP024OM3	180580420	24 Fiber, Armored Loose Tube Cable - OM3
AFXLTP048OM3	180580421	48 Fiber, Armored Loose Tube Cable - OM3
AFXLTP072OM3	Consult Molex	72 Fiber, Armored Loose Tube Cable - OM3
PLENUM-OFNP: OM4		
AFXLTP006OM4	Consult Molex	6 Fiber, Armored Loose Tube Cable - OM4
AFXLTP012OM4	Consult Molex	12 Fiber, Armored Loose Tube Cable - OM4
AFXLTP024OM4	Consult Molex	24 Fiber, Armored Loose Tube Cable - OM4
AFXLTP048OM4	Consult Molex	48 Fiber, Armored Loose Tube Cable - OM4
AFXLTP072OM4	Consult Molex	72 Fiber, Armored Loose Tube Cable - OM4
PLENUM-OFNP: OS2		
AFXLTP006OS2	180580423	6 Fiber, Armored Loose Tube Cable - OS2
AFXLTP012OS2	180580424	12 Fiber, Armored Loose Tube Cable - OS2
AFXLTP024OS2	180580419	24 Fiber, Armored Loose Tube Cable - OS2
AFXLTP048OS2	Consult Molex	48 Fiber, Armored Loose Tube Cable - OS2
AFXLTP072OS2	Consult Molex	72 Fiber, Armored Loose Tube Cable - OS2

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Fiber Optic Solution Lightband Patch Cords

Fiber Optic Patch Cords

Molex Optical Fiber Patch Cords are available in LSZH, PVC and Plenum rated. 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
- Available in Plenum, PVC and LSZH
- Multiple Formats available - Available in Simplex, Duplex, Singlemode, Multimode and a variety of connector options
- Part number generator, F.O. Configurator – Patch Cords and Pigtails is available on Molex Customer Support Portal: csp.molex.com.

91.XX.XXX.XXXXX-X

Family

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

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

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

Jacket Type
1 = PVC
2 = LS0H
3 = Plenum

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

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

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

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

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

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

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Fiber Optic Solution Lightband Enclosures

Modular Splice Cassettes
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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	180660107	24-48 Port Specification Grade Fiber Enclosure - 1U
RFR-00202	180660108	48-96 Port Specification Grade Fiber Enclosure - 2U
RFR-00204	180660109	144-288 Port Specification Grade Fiber Enclosure - 4U
AFR-00222	180600069	Universal Splice Tray Carrier Kit

High Density 1RU 144F Fiber Enclosure

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

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

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

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Fiber Optic Solution Lightband Enclosures

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-00024-02	Consult Molex	8 Port ST 601 Enclosure, Unloaded
WFR-00027-02	180970015	8 Port Duplex SC 601 Enclosure, Unloaded
WFR-00030-02	180970078	12 Port LC 601 Enclosure, Unloaded
WFR-00033-02	180970007	Fiber 601 Wall Mount Enclosure 6F MTRJ Unloaded White

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	182680048	24 Fiber Fusion Splice Holder
KFR-00053	182680049	Self Adhesive Cable Management Hub (2 pcs/bag), 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.)

24 Fiber Universal Splice Tray with Integrated Fiber Management

The 24 Fiber Splice Tray with Integrated Fiber Management and External Fiber Management and Pivotal Splice Holding Arrangements allows the installation of 24 optical fibers without the need to fit additional fiber management. This makes it ideal for fitting into small wall boxes and enclosures or for any installation requiring fiber. The tray is capable of holding up to 24 x 900µm fibers with heat shrink splice protectors. The product comprises of 2 units with the capacity to hold 24 splices in each tray.

- External fiber cable management allows for easy storage of excess fiber
- Allows for multi-directional routing of entry and exit fibers, allowing the tray to be mounted vertically or horizontally
- Maintains 30mm bend radius, ideal for 250µm or 900µm fiber
- Internal cable management allows for multiple fiber routing options including cross over
- Pivoting splice holders allow uninterrupted control of fiber during splicing
- Built-in fiber pick can be used to withdraw individual fibers
- Will hold up to 24 heat shrink style splice protectors
- Tray is stackable with build-in hinge, which also allows for easy access
- Tray comes with a transparent lid, fixed by hinge&latch,
- Cable ties point to secure fiber on entry and exit
- Mountable via center hole, DIN style holes or double sided foam adhesive pad
- Compatible with Molex CES 1U/2U/4U 19” standard fiber enclosure

Order No.	SAP No.	Description
AFR-00822	180600705	Splice Tray Universal 2x24 Fiber with Integrated Fiber Management
AFR-00823	180600706	Splice Tray Universal 1x24 Fiber with Integrated Fiber Management

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Fiber Optic Solution Lightband Enclosures

Wall Mount Steel Enclosure

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

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

Steel Enclosure for PON Page 52

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

Wall Mount Fiber Enclosure Unloaded 4 Position

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

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

Order No.	SAP No.	Description
WFR-00129	180970223	Wall Mount Enclosure, 4 position LGX 118/6-PAK, Unloaded, Black
Accessories		
AFR-00222	180600069	Universal Splice Tray Carrier Kit
AFR-00822	180600705	Splice Tray Universal 2x24 Fiber with Integrated Fiber Management
AFR-00823	180600706	Splice Tray Universal 1x24 Fiber with Integrated Fiber Management

Standard Grade Wall Mount Fiber Enclosure

The Standard Grade Wall Mount enclosures are configurable wall mount units for storing and terminating incoming fiber cables.

- Accommodates up to four (4) 6 or 12 fiber Adapter Plates
- Divided and individually opened input and output demarcation areas
- 2 cable management spools
- Top and bottom cable entry points
- Low profile and lockable

Order No.	SAP No.	Description
WFR-00047B	180080052	24-48 Port Standard Grade Fiber Wall Mount Enclosure
35.B0130	Consult Molex	Keyed Lock Kit

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Fiber Optic Solution Lightband Rack Mount Solutions

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
- Accommodates up to 4 Modular Splice Cassettes
- 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
- 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

Order No.	SAP No.	Description
RFR-00311-BK	180660110	1U Multi-Function Fiber Enclosure Gen II
Optional Enhancements		
RFR-00312-BK	180370288	Locking Front Assembly Kit for 1U Multi-Function Fiber Enclosure Gen II
CMA-00111	181050048	Front Cable Manager for 1U Multi-Function Fiber Enclosure Gen II
AFR-00468-04	180600394	6 Pak Adapter Front Plate
AFR-00469-04	180600395	Full Length Blanking Plate
AFR-00689-04	180600526	SC Simplex/LC Duplex, 1 Port Adapter Plate, Unloaded
AFR-00690-04	180600527	MTP/MPO, 1 Port Adapter Plate, Unloaded
AFR-00802	180810066	Jack Plate 19" 24P Unloaded for 1U Multi-Function Fiber Enclosure Gen II

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-00822	180600705	Splice Tray Universal 2x24 Fiber with Integrated Fiber Management
AFR-00823	180600706	Splice Tray Universal 1x24 Fiber with Integrated Fiber Management
RFR-00347-BK	180370291	Rear Cable Management Tray for Multi Function Enclosure
CMA-00116	181050072	Gland and Conduit Kit for RFR-00347-BK
AFR-00475	180600222	Kevlar Retention Post
91.A0860	Consult Molex	Gland 4-8mm M20
91.A0870	Consult Molex	Gland 6-12mm M20
91.A0880	Consult Molex	Gland 9-14mm M20
CSP-00030	Consult Molex	Fiber Adapter Screw (24 pack)

DIN Rail DataGate Jack Adapter Page 20

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

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

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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

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Fiber Optic Solution Lightband Field Terminable Connectors

Xpress G2 Pre-Polished Pre-Assembled Connectors

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

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

Order No.	SAP No.	Description
AFR-00387	182620013	LC Multimode OM1 250/900µm BF Beige 10 PC Connector Kit
AFR-00389	182620015	LC Multimode OM3 10g 250/900µm BF Aqua 10 PC Connector Kit
AFR-00390	182620016	LC Singlemode OS1a 250/900µm BF Blue 10 PC Connector Kit
AFR-00391	182620017	SC Multimode OM1 250/900µm BF Beige 10 PC Connector Kit
AFR-00393	182620019	SC Multimode OM3 10g 250/900µm BF Aqua 10 PC Connector Kit
AFR-00394	182620020	SC Singlemode OS1a 250/900µm BF Blue 10 PC Connector Kit
AFR-00395	182620021	SC/APC Singlemode OS1a 250/900µm BF APC Green 10 PC Connector Kit

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Fiber Optic Solution Lightband Splicing

Multi-Function Enclosure Page 32

Specification Grade Enclosure Page 29

Modular Splice Cassettes

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

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

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

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Fiber Optic Solution Lightband Splicing

Order No.	SAP No.	Description
AFR-00489	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Erika Violet
AFR-00489L	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Erika Violet Low Loss
AFR-00506	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Aqua
AFR-00506L	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Aqua Low Loss
AFR-00722-LG	Consult Molex	24 Fiber Multimode OM5 BI Quad LC Lime Green
AFR-00723-LG	Consult Molex	24 Fiber Multimode OM5 BI Quad LC Lime Green Low Loss
Accessories		
AFR-00337	180690053	12 Fiber Fusion Splice Holder
AFR-00380	183190016	Modular Splice Cassette Housing and Lid

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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-00358	180600136	SC Duplex 6 Fiber Adapter Plate, Singlemode - Blue
AFR-00372	180600150	SC Duplex 6 Fiber Adapter Plate, Multimode, OM3 - Aqua
AFR-00359	180600137	6 Fiber Shuttered Duplex SC Adapter Plate OS1a/2 Blue
AFR-00373	180600151	SC Duplex, 6 Fiber Adapter Plate, Shuttered, Multimode, OM3, Aqua
AFR-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

12 Fiber Adapter Plates

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

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

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

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

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

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Fiber Optic Solution Lightband Adapter Plates

6 Fiber Shuttered Adapter Plates

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

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

Order No.	SAP No.	Description
AFR-00118	180600042	6 Fiber Shuttered Duplex SC Adapter Plate, Singlemode, 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

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

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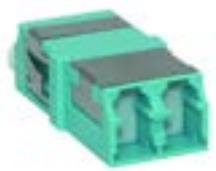
Fiber Optic Solution Lightband Adapters



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

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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.

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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.

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)

Fiber Type
2 = OM1 62.5/125µm
4 = OS1a/2 9/125µm
4L = OS1a/2 9/125µm Low Loss
6 = OM2 50/125µm
6E = OM3 50/125µm
6L = OM3 50/125µm Low Loss
8E= OM4 50/125µm
8L = OM4 50/125µm Low Loss
9E= OM5 50/125µm
9L = OM5 50/125µm Low Loss

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

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

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

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

molex
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Pre-Terminated Solutions ModLink Fiber Plug and Play

MTP-MTP Pre-Terminated Multicore Cable Assemblies

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

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

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

Family

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

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

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

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

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

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

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

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

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

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

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

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

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Pre-Terminated Solutions ModLink Fiber Plug and Play

Hybrid Pre-Terminated Cable Assemblies

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

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

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

Hybrid OF MTP- X Cables

8-144 Core Count

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

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

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

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

Tail configuration at MTP end*/X end
0 = 900u Fan Unstaggered
1 = 900u Fan Staggered 30mm
2 = 900u Fan Staggered 50mm
3 = 900u Fan Staggered 100mm
4 = 900u Fan Staggered 150mm
A = 2/3/5* mm Fan Unstaggered
B = 2/3* mm Fan Staggered 30mm
C = 2/3* mm Fan Staggered 50mm
D = 2/3* mm Fan Staggered 100mm
E = 2/3* mm Fan Staggered 150mm

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

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

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

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

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

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

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Pre-Terminated Solutions ModLink Fiber Plug and Play

12 Port LC ModLink Cassettes

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

- 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 OS2, 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
MLCDSC12OM3L	181810150	12 Fiber ModLink Cassette, Duplex SC, OM3 50µm, Low Loss
MLCDSC12OM4L	181810167	12 Fiber ModLink Cassette, Duplex SC, OM4 50µm, Low Loss
MLCDSC12OM5	181810237	12 Fiber ModLink Cassette, Duplex SC, OM5
MLCDSC12OM5L	181810238	12 Fiber ModLink Cassette, Duplex SC, OM5, Low Loss
MLCDSC12OS2L	181810166	12 Fiber ModLink Cassette, Duplex SC, OS1a/2
MLCDLC12OM2	181810147	12 Fiber ModLink Cassette, Duplex LC, OM2 50µm
MLCDLC12OM3L	181810152	12 Fiber ModLink Cassette, Duplex LC, OM3 50µm, Low Loss
MLCDLC12OM4L	181810172	12 Fiber ModLink Cassette, Duplex LC, OM4 50µm, Low Loss
MLCDLC12OM5	181810244	12 Fiber ModLink Cassette, Duplex LC, OM5
MLCDLC12OM5L	181810245	12 Fiber ModLink Cassette, Duplex LC, OM5, Low Loss
MLCDLC12OS2L	181810173	12 Fiber ModLink Cassette, Duplex LC, OS1a/2
MLCQLC12OM2	180370267	12 Fiber ModLink Cassette, Quad LC, OM2 50?m
MLCQLC12OM3L	181810177	12 Fiber ModLink Cassette, Quad LC, OM3 50µm, Low Loss
MLCQLC12OM4L	181810176	12 Fiber ModLink Cassette, Quad LC, OM4 50µm, Low Loss
MLCQLC12OM5	Consult Molex	12 Fiber ModLink Cassette, Quad LC, OM5
MLCQLC12OM5L	Consult Molex	12 Fiber ModLink Cassette, Quad LC, OM5 Multimode, Low Loss
MLCQLC12OS2L	181810175	12 Fiber ModLink Cassette, Quad LC, OS1a/2

24 Port Quad LC ModLink Cassettes

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

- 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 OS2, 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	181810162	24 Fiber ModLink Cassette, Quad LC, OM1 62.5µm Multimode
MLCQLC24OM2	181810164	24 Fiber ModLink Cassette, Quad LC, OM2 50µm
MLCQLC24OM3L	181810163	24 Fiber ModLink Cassette, Quad LC, OM3, 50µm, Low Loss
MLCQLC24OM4L	181810171	24 Fiber ModLink Cassette, Quad LC, OM4, 50µm, Low Loss
MLCQLC24OM5	181810249	24 Fiber ModLink Cassette, Quad LC, OM5
MLCQLC24OM5L	181810250	24 Fiber ModLink Cassette, Quad LC, OM5, Low Loss
MLCQLC24OS2L	181810170	24 Fiber ModLink Cassette, Quad LC, OS2, Low Loss

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Pre-Terminated Solutions ModLink Fiber Plug and Play

ModLink Advanced Fiber Optic Cassettes

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

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

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

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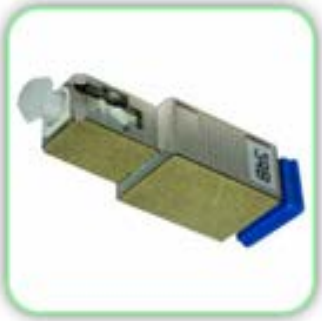
Last mile challenges

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.

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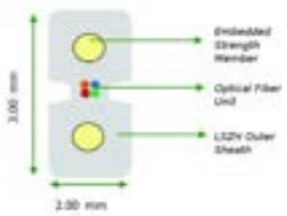

1-4 Fiber All Dielectric 250µm FTTH Flat Drop Cable

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

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

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

Family

Cable Type
DI = Indoor Flat Drop Cable

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

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

Jacket Material
1 = PVC
2 = LS0H
3 = Plenum

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

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

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

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

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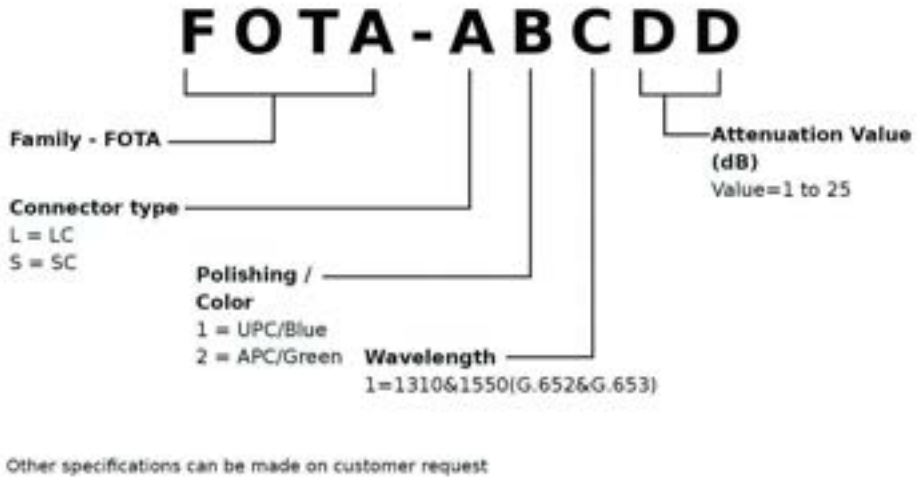
Attenuator

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.



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

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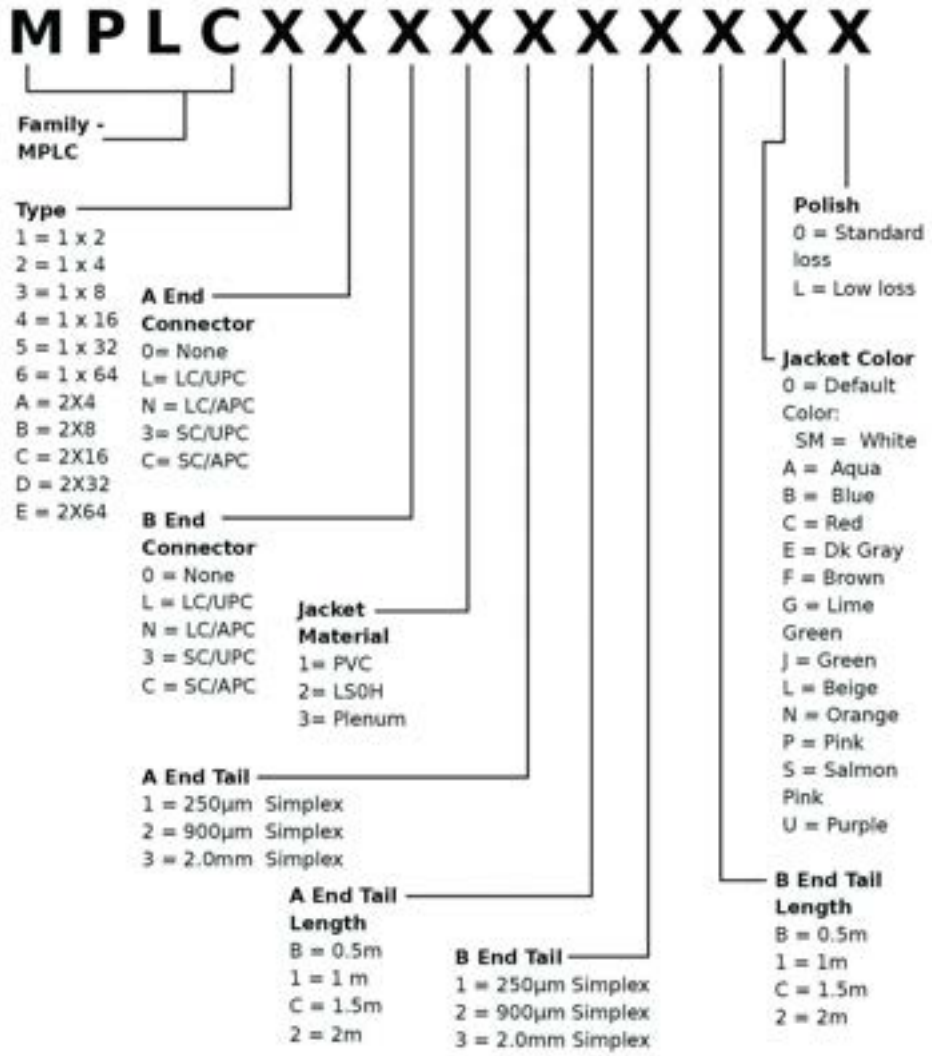
Fiber Optic Solution Lightband Passive Optical Networks

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.



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

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

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Fiber Optic Solution Lightband Passive Optical Networks

Wall-Mounted Steel Enclosure

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

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

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

Wall Mount Steel Enclosure
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Dome Outdoor Fiber Optic Splice Enclosure

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

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

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

In-Line Type Outdoor Fiber Optic Splice Enclosure

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

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

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

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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

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Fast, flexible fiber deployment

With changing technology, headcount and working practices, bandwidth requirements can increase at unpredictable rates. The challenge is to design a network with the flexibility to cope with changing requirements, but without incurring unnecessary costs.

Molex Jetted fiber reduces the expense of installation and enables you to spread the cost of building your network over time.

Molex Jetted Fiber

Jetted Fiber Cable

Designed to offer the most rugged and reliable enterprise-based jetted fiber solution in the market today. The patent pending cable design combines a light-weight, high-drag jacketing system that allows the cable to be jetted long distances.

Pathways

Available in many sizes and configurations to suit network installation needs. Configurations from a single MicroDuct to 24 MicroDucts will allow for rapid deployment of fiber today with permanent pathways in place for future growth.

Accessories

A complete line of accessories designed to make your jetted cable installation successful, including microduct cutters, distribution boxes, connectors and couplers.

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Fiber Optic Solution Molex Jetted Fiber Microduct

Microduct Pathway

Jetted Fiber pathway is available in many configurations with HDPE, Riser-rated, LSHF, plenum-rated or armored jacketing to suit your network installation needs. Pathways with 1, 2, 3, 4, 7, 12, 19 & 24 microducts allow for rapid deployment today with spare pathways in place for future growth. Microduct sizes (OD/ID) of 8.5/6.0 mm and 12.7/10 mm can accommodate 6 to 288 strands per microduct.

- Material - Available in HDPE, Plenum or Riser and factory bundled in an oversheath
- Sequential foot or meter markings - Custom print strings available
- Rip Cord(s) for easy opening of the sheath
- Supersilicore is co-extruded with the tough HDPE wall creating a permanent, super slippery interior lining. It has the lowest co-efficient of friction compared to other options, no performance loss in all temperature conditions and functions without additional wet lubricants
- Ships on standard reel
- Internal ribs as standard (except 3.5mm ID which are designed with a standard smooth interior)

Order No.	SAP No.	Description
HDPE - 8.5/6mm - UV Blk Jac		
MJF-109458-***	182640075	2-way HDPE Pathway - 8.5/6mm UV Blk Jac
MJF-108873	Consult Molex	3-way HDPE Pathway - 8.5/6mm UV Blk Jac
MJF-109440-***	182640074	4-way HDPE Pathway -8.5/6mm UV Blk Jac
MJF-109485-***	182640009	7-way HDPE Pathway - 8.5/6mm UV Blk Jac
MJF-108881-***	182640073	12-way HDPE Pathway - 8.5/6mm UV Blk Jac
MJF-109462-***	182640034	19-way HDPE Pathway - 8.5/6mm UV Blk Jac
MJF-110321-***	182640076	24-way HDPE Pathway - 8.5/6mm UV Blk Jac
HDPE - 8.5/6mm		
MJF-104624-***	182640050	2-way HDPE Pathway - 8.5/6mm
MJF-108886	182640156	3-way HDPE Pathway - 8.5/6mm
MJF-108887-***	182640011	4-way HDPE Pathway -8.5/6mm
MJF-108888-***	182640072	7-way HDPE Pathway - 8.5/6mm
MJF-104664-***	182640132	12-way HDPE Pathway - 8.5/6mm
MJF-106770-***	182640051	19-way HDPE Pathway - 8.5/6mm
MJF-104669-***	182640052	24-way HDPE Pathway - 8.5/6mm
HDPE - 12.7/10mm		
MJF-108854	182620078	2-way HDPE Pathway - 12.7/10mm
MJF-108857	Consult Molex	3-way HDPE Pathway - 12.7/10mm
MJF-107545	182620079	4-way HDPE Pathway - 12.7/10mm
MJF-104813	182640068	7-way HDPE Pathway - 12.7/10mm
12.7/10mm FuturePath "Flex"		
MJF-104897	Consult Molex	2-way HDPE Pathway - 12.7/10mm FuturePath "Flex"
MJF-104560	182640056	4-way HDPE Pathway - 12.7/10mm FuturePath "Flex"
MJF-104563	Consult Molex	6-way HDPE Pathway - 12.7/10mm FuturePath "Flex"
MJF-104565	182640069	8-way HDPE Pathway - 12.7/10mm FuturePath "Flex"
18/14mm FuturePath "Flex"		
MJF-110044	Consult Molex	2-way HDPE Pathway - 18/14mm FuturePath "Flex"
MJF-104562	Consult Molex	4-way HDPE Pathway - 18/14mm FuturePath "Flex"
MJF-108028	Consult Molex	6-way HDPE Pathway - 18/14mm FuturePath "Flex"
8.5/6mm w/Tracer		
MJF-109421-***	182640037	2-way HDPE Pathway - 8.5/6mm w/Tracer
MJF-109437	Consult Molex	3-way HDPE Pathway - 8.5/6mm w/Tracer
MJF-109438-***	182640038	4-way HDPE Pathway - 8.5/6mm w/Tracer
MJF-109439-***	182640039	7-way HDPE Pathway - 8.5/6mm w/Tracer
MJF-109427-***	182640045	12-way HDPE Pathway - 8.5/6mm w/Tracer
MJF-109433-***	182640040	19-way HDPE Pathway - 8.5/6mm w/Tracer
MJF-109430-***	182640041	24-way HDPE Pathway - 8.5/6mm w/Tracer
12.7/10mm w/Tracer		
MJF-109447	Consult Molex	2-way HDPE Pathway - 12.7/10mm w/Tracer
MJF-109450	Consult Molex	3-way HDPE Pathway - 12.7/10mm w/Tracer
MJF-109444	182640038	4-way HDPE Pathway - 12.7/10mm w/Tracer
MJF-109443	182640039	7-way HDPE Pathway - 12.7/10mm w/Tracer
8.5/6mm Riser		
MJF-108758-***	182640053	1-way Riser Pathway - 8.5/6mm
MJF-108986-***	182640054	2-way Riser Pathway - 8.5/6mm
MJF-108989	Consult Molex	3-way Riser Pathway - 8.5/6mm
MJF-108990-***	182640055	4-way Riser Pathway - 8.5/6mm
MJF-104594-***	182640014	7-way Riser Pathway - 8.5/6mm
MJF-108980-***	182640017	12-way Riser Pathway - 8.5/6mm
MJF-108982-***	182640031	19-way Riser Pathway - 8.5/6mm
MJF-108985-***	182640018	24-way Riser Pathway - 8.5/6mm
12.7/10mm Riser		
MJF-108757	182620081	1-way Riser Pathway - 12.7/10mm
MJF-108952	182620082	2-way Riser Pathway - 12.7/10mm
MJF-108954	Consult Molex	3-way Riser Pathway - 12.7/10mm
MJF-108956	182620083	4-way Riser Pathway - 12.7/10mm
MJF-104610	182620084	7-way Riser Pathway - 12.7/10mm
8.5/6mm Plenum		
MJF-108755-***	182640129	1-way Plenum Pathway - 8.5/6mm
MJF-110093-***	182640010	2-way Plenum Pathway - 8.5/6mm
MJF-110096-***	182640130	3-way Plenum Pathway - 8.5/6mm
MJF-110094-***	182640128	4-way Plenum Pathway - 8.5/6mm
MJF-110098-***	182640012	7-way Plenum Pathway - 8.5/6mm
MJF-110100-***	182640029	12-way Plenum Pathway - 8.5/6mm
MJF-104858-***	182640013	19-way Plenum Pathway - 8.5/6mm

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Fiber Optic Solution Molex Jetted Fiber Microduct

Order No.	SAP No.	Description
MJF-110104-***	182640030	24-way Plenum Pathway - 8.5/6mm
12.7/10mm Plenum		
MJF-107408	182620085	1-way Plenum Pathway - 12.7/10mm
MJF-108946	182620086	2-way Plenum Pathway - 12.7/10mm
MJF-108947	Consult Molex	3-way Plenum Pathway - 12.7/10mm
MJF-108948	182620087	4-way Plenum Pathway - 12.7/10mm
MJF-108949	182620088	7-way Plenum Pathway - 12.7/10mm
8.5/6mm Armored FP		
MJF-104888	182640148	4-way Armored Pathway - 8.5/6mm
MJF-104889	182640147	7-way Armored Pathway - 8.5/6mm
MJF-104890	182640141	19-way Armored Pathway - 8.5/6mm
12.7/10mm Armored FP		
MJF-104891	182620089	4-way Armored Pathway - 12.7/10mm
MJF-103729	182620090	7-way Armored Pathway - 12.7/10mm

*** - Replace to specify pathway lengths: .5K = 500ft, 1K = 1000ft, 2.5K = 2500ft, 5K = 5000ft. Leave blank and consult your Molex Sales Representative for other custom lengths.

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Fiber Optic Solution Molex Jetted Fiber Cable

Jetted Fiber Cable

Molex Jetted Fiber Cable offers the most rugged and reliable enterprise-based blown fiber solution in the market today. The patent pending cable design uses a light-weight, high-drag jacketing system that allows the cable to be blown long distances. Enhanced features include mechanical strengthening that permits the cable to comply with industry-standard premise interconnect specifications. In addition, the cable series features flame-resistance characteristics which result in stand-alone riser and plenum rated options suitable for routing outside of the micro-duct system. Because of these qualifications, these cables can also be installed in third-party, flame-rated duct and pathway systems.

- Complies with NFPA/NEC build codes for fire resistance. Can be installed in eABF duct or third-party rated duct systems
- GR-20 Water blocking reduces risk of moisture migration
- GR-409-CORE compliant
- Supports 10G, 40G and 100G Ethernet architectures
- Aramid-strengthened cable core - Robust tensile load bearing capable
- OD compatible with 6 mm ID Micro-ducts - Higher density fiber pathway solutions

Order No.	SAP No.	Description
NON-PLENUM-OFNR - 62.5/125 - OM1		
MJF-202961	182640150	6 Fiber, Microcable Riser - OM1
MJF-202848	182640151	12 Fiber, Microcable Riser - OM1
MJF-202962	182640152	24 Fiber, Microcable Riser - OM1
MJF-202963	182640153	48 Fiber, Microcable Riser - OM1
MJF-203333	182640154	72 Fiber, Microcable Riser - OM1
NON-PLENUM-OFNR - 50/125 - OM2		
MJF-202964	Consult Molex	6 Fiber, Microcable Riser - OM2
MJF-202965	Consult Molex	12 Fiber, Microcable Riser - OM2
MJF-202966	Consult Molex	24 Fiber, Microcable Riser - OM2
MJF-202967	Consult Molex	48 Fiber, Microcable Riser - OM2
MJF-203334	Consult Molex	72 Fiber, Microcable Riser - OM2
NON-PLENUM-OFNR - 50/125 - OM3		
MJF-202968	Consult Molex	6 Fiber, Microcable Riser - OM3
MJF-202969	182640048	12 Fiber, Microcable Riser - OM3
MJF-200695	182640049	24 Fiber, Microcable Riser - OM3
MJF-202883	Consult Molex	48 Fiber, Microcable Riser - OM3
MJF-203335	Consult Molex	72 Fiber, Microcable Riser - OM3
NON-PLENUM-OFNR - 50/125 - OM4		
MJF-202970	180560063	6 Fiber, Microcable Riser - OM4
MJF-202971	180560064	12 Fiber, Microcable Riser - OM4
MJF-202972	180560065	24 Fiber, Microcable Riser - OM4
MJF-200696	180560066	48 Fiber, Microcable Riser - OM4
MJF-203272	180560067	72 Fiber, Microcable Riser - OM4
NON-PLENUM-OFNR - 9/125 - OS2		
MJF-202960	182640046	6 Fiber, Microcable Riser - OS2
MJF-202866	182640047	12 Fiber, Microcable Riser - OS2
MJF-200729	182640032	24 Fiber, Microcable Riser - OS2
MJF-204133	182640131	36 Fiber, Microcable Riser - OS2
MJF-200730	Consult Molex	48 Fiber, Microcable Riser - OS2
MJF-203201	182640043	72 Fiber, Microcable Riser - OS2
MJF-203630	182640044	96 Fiber, Microcable Riser - OS2
PLENUM-OFNP - 62.5/125 - OM1		
MJF-202976	Consult Molex	6 Fiber, Microcable Plenum - OM1
MJF-202977	Consult Molex	12 Fiber, Microcable Plenum - OM1
MJF-202978	Consult Molex	24 Fiber, Microcable Plenum - OM1
MJF-202979	Consult Molex	48 Fiber, Microcable Plenum - OM1
MJF-203338	Consult Molex	72 Fiber, Microcable Plenum - OM1
PLENUM-OFNP - 50/125 - OM2		
MJF-202980	Consult Molex	6 Fiber, Microcable Plenum - OM2
MJF-202981	Consult Molex	12 Fiber, Microcable Plenum - OM2
MJF-202982	Consult Molex	24 Fiber, Microcable Plenum - OM2
MJF-202983	Consult Molex	48 Fiber, Microcable Plenum - OM2
MJF-203339	Consult Molex	72 Fiber, Microcable Plenum - OM2
PLENUM-OFNP - 50/125 - OM3		
MJF-202984	180560068	6 Fiber, Microcable Plenum - OM3
MJF-202985	180560069	12 Fiber, Microcable Plenum - OM3
MJF-202986	180560070	24 Fiber, Microcable Plenum - OM3
MJF-202987	180560071	48 Fiber, Microcable Plenum - OM3
MJF-203340	180560072	72 Fiber, Microcable Plenum - OM3
PLENUM-OFNP - 50/125 - OM4		
MJF-202988	180560059	6 Fiber, Microcable Plenum - OM4
MJF-202989	Consult Molex	12 Fiber, Microcable Plenum - OM4
MJF-202990	180560060	24 Fiber, Microcable Plenum - OM4
MJF-202991	Consult Molex	48 Fiber, Microcable Plenum - OM4
MJF-203341	180560062	72 Fiber, Microcable Plenum - OM4
PLENUM-OFNP - 9/125 - OS2		
MJF-202973	182660005	6 Fiber, Microcable Plenum - OS2
MJF-202974	182640033	12 Fiber, Microcable Plenum - OS2
MJF-202975	182640035	24 Fiber, Microcable Plenum - OS2
MJF-201451	182640019	48 Fiber, Microcable Plenum - OS2
MJF-203337	Consult Molex	72 Fiber, Microcable Plenum - OS2
MJF-203631	Consult Molex	96 Fiber, Microcable Plenum - OS2
MJF-204656	182640023	LM series, Microcable 288 ST SM, OSP Blk JAC

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Fiber Optic Solution Molex Jetted Fiber Accessories

Enclosure

Bracket

Couplers and Connectors

Jetted Fiber Accessories

A complete range of accessories needed for any Molex Jetted Fiber installation. Accessories include mounting brackets, couplers, end caps, cutters, enclosures, splice kits and connectors.

Order No.	SAP No.	Description
Brackets		
MJF-201929	182620092	Bracket - 12.7mm Microduct Mounting Bracket
MJF-202121	182620091	Bracket - 12.7mm Microduct MT Plate B&C 22–45
MJF-202120	181050053	8.5mm Duct Wall Mounting Plate Kit that secures a row of 8 ducts. Includes wall plate, and single base bracket, with 3 screws. Additional top mounting bracket (MJF-201719) will be required to complete the first row.
MJF-201719	181050052	8.5mm Duct Top Mounting Bracket, each bracket secures a row of 8 ducts, with 3 screws.
Cable Tie		
MJF-203853	Consult Molex	Cable Tie - 15” 50 lb UV Black EA
Close Down Assembly		
MJF-203018	182650002	Close Down Assembly - 8.5mm
Connectors		
MJF-201712	182640020	Connector - 8.5mm Bulkhead Connector w/lock ring 8.5mm
MJF-201801	Consult Molex	Connector - 5mm Gas Block
MJF-203017	182640061	Connector - Bulk Head w/lock Ring 12.7mm
MJF-203048	182640139	Connector - Deta D 8.5mm x 1
MJF-201915	182660000	Connector - Deta D 8.5mm x 2
MJF-203049	182640140	Connector - Deta D 8.5mm x 3
MJF-201916	182660001	Connector - Deta D 8.5mm x 4
MJF-201917	182660002	Connector - Deta D 8.5mm x 7
MJF-201918	182640021	Connector - Deta D 8.5mm x 12
MJF-201919	182660003	Connector - Deta D 8.5mm x 19
MJF-201920	182640022	Connector - Deta D 8.5mm x 24
MJF-203050	182640064	Connector - Deta 12.7mm X 1
MJF-203051	182640065	Connector - Deta 12.7mm X 2
MJF-203052	Consult Molex	Connector - Deta 12.7mm X 3
MJF-203053	182640066	Connector - Deta 12.7mm X 4
MJF-203054	182640067	Connector - Deta 12.7mm X 7
MJF-203843	Consult Molex	Connector - Gas Block 10mm
MJF-203363	182640063	Connector - Gas Block 12.7/10mm for cable 5mm - 8mm
MJF-202104	182660009	Connector - Gas Block 8.5/6mm for cable 3.3–4.0mm
Couplers		
MJF-201831	Consult Molex	Coupler - 10mm
MJF-201462	Consult Molex	Coupler - 5mm
MJF-201463	Consult Molex	Coupler - 7mm
MJF-201881	Consult Molex	Coupler - Reducer 10mm - 8.5mm
MJF-203262	Consult Molex	Coupler - Transition 12mm x 10mm
MJF-203498	Consult Molex	Coupler - Transition 12.7mm x 10mm
MJF-201939	Consult Molex	Coupler - Transition 12.7mm x 12mm
MJF-201883	182640137	Coupler - Transition 8.5mm to 5mm Microduct
MJF-201884	182650001	Coupler - Transition 8.5mm to 8mm Microduct
MJF-203016	182640138	Coupler - Transition 8mm to 5mm Microduct
MJF-201832	182640059	Coupler 12.7mm Straight Connector Clear w/gray tips 22–32
MJF-201834	182660007	Coupler 8.5mm Straight Connector Clear w/blue tips
Cutters		
MJF-201856	182540011	Cutter - MD Duct 8–19mm OD
MJF-201923	182680035	Cutter - Rachet 1-1/2"
MJF-201803	182540014	Cutter - Rachet 2in
MJF-201745	182540012	Cutter - Round MicroDuct
MJF-203768	182650003	Longitudinal Sheath Slitter
MJF-201937	182540016	Slitter Longitudinal
Enclosures		
MJF-202884	182640015	Enclosure - MDB Box 16x14x8 Nema 12 JIC 1Door Continuous Hinge Wall Mount
MJF-203021	182660004	Enclosure - MDB BOX 20x20x7 Nema 12 JIC 1Door Continuous Hinge Wall Mount
MJF-203845	Consult Molex	Enclosure - Wall Mount Multi-Cable Distribution Enclosure, Black EA
End Caps		
MJF-201484	Consult Molex	End Cap - 12mm
MJF-201482	182640062	End Cap - Airtight 12.7mm
MJF-201819	182660008	End Cap - Airtight 8.5mm BCA 8.5mm Cap
Cable Router Kits		
MJF-203525	181050051	EQ Cable Router Kit - 6 Fiber
MJF-203865	182640071	EQ Cable Router Kit - 8 Fiber
MJF-203136	182680043	EQ Fanout Kit - 3.0mm Tube 12 Fiber X 24in
MJF-203314	182680067	EQ Fanout Kit - 3.0mm Tube 6 Fiber X 24in
Hose Clamps		
MJF-203858	Consult Molex	Hose Clamp 1.25"-2.25" EA
MJF-203852	Consult Molex	Hose Clamp SAE 12, .5” - 1.25” E
Bulkhead Plates		
MJF-203847	Consult Molex	Bulkhead Plate - MDS 2.5" Cable Opening and Strain Support 2-Slot EA
MJF-203848	Consult Molex	Bulkhead Plate - MDS 8 Position EA 8.5mm 2-Slot

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Fiber Optic Solution Molex Jetted Fiber Accessories

Order No.	SAP No.	Description
MJF-203850	182640058	Bulkhead Plate - MDS L-Type 3 Position 12.7mm 2 Slot EA
MJF-203849	Consult Molex	Bulkhead Plate - MDS L-Type 6 Position 8.5mm 1 Slot EA
MJF-203851	Consult Molex	Bulkhead Plate - R & M L-Type, Blank EA
Plugs		
MJF-202828	182640060	Plugs - 12.7mm End Plug
MJF-201523	182640133	Plugs - 8.5mm End Plug (HPDE and Riser only)
Misc		
MJF-203855	Consult Molex	MDS Ladder Bracket Screw 10/32 x 5/16" Panhead Black EA
MJF-203854	Consult Molex	MDS Replacement Screw, 10/32 x 1/4" Panhead Black EA
MJF-203846	Consult Molex	MDS Stand-Off Brackets for Ladder Rack Mount (PAIR)
MJF-203856	Consult Molex	MDS Wall Mount Screw, 1" EA
MJF-204030	182680040	HT Microduct Proofing Test BB 4.8mm (8.5/6mm FP)
MJF-204031	Consult Molex	HT Microduct Proofing Test BB 7.9mm (12.7/10mm FP)
MJF-203857	Consult Molex	MDS 2.5mm Web Grommet EA
MJF-201866	182540015	Microduct Coupler Collet Unlocking Tool

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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.

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Zone Enclosures

Zone Enclosure for In-Ceiling Installations

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

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

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

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

Adapter Plates
Page 37

Order No.	SAP No.	Description
CPT-00054	180080086	Zone Enclosure Chassis (unloaded) with cover, black
CPT-00056	180080089	Cable Management Plate with brush strip and fiber cable apertures, black
CPT-00057	180080090	12 Port DataGate Jack Plate unloaded, black
CPT-00058	180080091	2 Aperture Carrier Plate, unloaded, black (accepting 2x12F Loaded Adapter Plates, supplied separately)
Accessories		
AFR-00822	180600705	Splice Tray Universal 2x24 Fiber with Integrated Fiber Management
AFR-00823	180600706	Splice Tray Universal 1x24 Fiber with Integrated Fiber Management
KFR-00053	182680049	Self-Adhesive Cable Management Hub (2 pcs), Black
KFR-00052	182680048	Fusion Splice Holder 24 Fiber

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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.

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Outlet Configuration Solutions

Synergy Surface Mount Box

The PowerCat Synergy Surface Box is ideal for use in open office cabling. The 2, 4 and 6 port boxes are supplied unloaded and accept the DataGate Jack and Synergy Single Position Modules. The single port versions ship loaded with the DataGate Jack. Synergy Surface Boxes offer simple and organized installation in areas where surface mount is the only option. Cable can be installed from the sides or base of the box. Individual ports can also be color coded for site-specific network administration using connector icon labels.

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

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

Dimensions: SSY-00014 - 29.5mm H x 56.7mm W x 114.3mm D (1.16" H x 2.23" W x 4.50" D), SSY-00015 - 29.5mm H x 100.6mm W x 114.3mm D (1.16" H x 3.96" W x 4.50" D), SSY-00016 - 29.5mm H x 148.6mm W x 114.3mm D (1.16" H x 5.85" W x 4.50" D)

USO II Wallplate & Bezel

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

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

Order No.	SAP No.	Description
WUS-00001-0*	Consult Molex	USO II Single Gang Bezel, Alpha Icons - Unloaded
WUS-00002-0*	Consult Molex	USO II Double Gang Bezel, Alpha Icons - Unloaded
MUS-00097-0*	Consult Molex	USO II Double Port Fascia - Unloaded (bag of 25)

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

Plastic Streamline Wallplates

Streamline is a low-profile series of plastic wallplates, designed for applications requiring minimum labeling and a streamlined design at the work area. Designed to accommodate DataGate Plus Jacks and single-position fiber and multimedia modules, Streamline plates are rear-loaded to reduce tampering.

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

Order No.	SAP No.	Description
WPJ-00007-0*	Consult Molex	1 Port Plastic Streamline Wallplate - Unloaded
WPJ-00008-0*	Consult Molex	2 Port Plastic Streamline Wallplate - Unloaded

* Wallplate Color Options - 1 = Almond, 2 = White, 5 = Ivory, ** CSP 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 Dimensions: WPJ-00007, WPJ-00008 & WPJ-00010 - 115.06mm H x 70.10mm W x 10.41mm D (4.53" H x 2.76" W x 0.41" D) Shipping Weight: WPJ-00007, WPJ-00008 & WPJ-00010 - 34g (1.20 oz)

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Keystone Jack 1 & 2 Port Surface Mount Boxes

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

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

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

Keystone Jack C6A UTP Page 7

Keystone Jack C6A Shielded Page 9

Keystone Jack C6 UTP Page 15

Streamline Stainless Steel Wallplates

The Streamline series is a family of low-profile plastic and steel wallplates designed for applications requiring minimum labeling and port designation. All Streamline Wallplates are available in one, two, three, four and six port wallplate configurations. Streamline Wallplates utilize DataGate Jacks and 1U Single-position fiber and copper modules. Streamline Wallplates are UL-approved and are rear-loading to resist tampering and feature a label holder.

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

Order No.	SAP No.	Description
WSS-00001	184000551	1 Port Stainless Steel Streamline Wallplate - Unloaded
WSS-00002	184000316	2 Port Stainless Steel Streamline Wallplate - Unloaded
WSS-00003	184000552	3 Port Stainless Steel Streamline Wallplate - Unloaded
WSS-00004	184000553	4 Port Stainless Steel Streamline Wallplate - Unloaded
WSS-00006	184000554	6 Port Stainless Steel Streamline Wallplate - Unloaded

** CSP 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 Dimensions: WSS-00001, WSS-00002, WSS-00003, WSS-00004, WSS-00005 & WSS-00006 - 115.06mm H x 70.10mm W x 10.41mm D (4.53" H x 2.76" W x 0.41" D) Shipping Weight: WSS-00001, WSS-00002, WSS-00003, WSS-00004, WSS-00005 & WSS-00006 - 64g (2.26 oz)

USO II UNI-FIT Modular Furniture Outlets

The USO II Uni-Fit modular furniture outlet features adjustable latches that accommodate most standard and non-standard modular furniture openings - providing flexibility for hard-to-fit openings. Simply attach the base plate onto the furniture and adjust latches to the opening, slip on the cover, and snap in a USO II module. Each Uni-Fit accommodates up to four voice or data channels (2 modules).

- Low profile for inconspicuous network connecting
- Clear concise labeling
- Easily configured/reconfigured from the front
- Accommodates DataGate jacks
- Accommodates SC, LC, ST single and dual bezel fiber modules
- Accommodates Media Configurable modules

Order No.	SAP No.	Description
SUS-00001-**	Consult Molex	USO II Uni-Fit - Unloaded

** Color Options - 01 = Almond, 02 = White, 04 = Black Dimensions: 79mm H x 103mm W x 13mm D (3.11" H x 4.06" W x 0.51" D) Shipping Weight: 71g (2.50 oz)

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Outlet Configuration Solutions

USO II Surface Boxes

The USO II Surface Boxes are ideal for use where a surface mount is needed in a confined space. Surface Boxes provide the option of either side or base entry of cables and may be mounted using screws or a magnet kit (sold separately). Icons may be used to clearly identify ports alongside the modules.

- Low profile for inconspicuous network connecting
- Clear concise labeling
- Easily configured/reconfigured from the front
- Accommodates DataGate jacks
- Accommodates SC, LC, ST single and dual position fiber modules
- Accommodates Media Configurable modules

Order No.	SAP No.	Description
SUS-00002-**	Consult Molex	USO II 1U Surface Box- Unloaded
SUS-00003-**	Consult Molex	USO II 2 1U Surface Box- Unloaded
35-701	Consult Molex	Magnet Kit for SUS-00003-**
35.B0120	Consult Molex	Magnet Kit for SUS-00002-**

** Color Options - 01 = Almond, 02 = White, 04 = Black Dimensions: SUS-00002 - 35mm H x 64mm W x 50mm D (1.38" H x 2.52" W x 1.97" D), SUS-00003 - 124mm H x 32mm W x 71mm D (4.88" H x 1.26" W x 2.80" D) Shipping Weight: SUS-00002 - 56.7g (2.00 oz), SUS-00003 - 84g (2.96 oz)

USO II Modules

The USO II multimedia outlet system is a comprehensive group of modular products which can be easily configured and reconfigured without removing the faceplate bezel. For maximum versatility, USO II outlets have a three-part design: bezel, fascia and jacks. USO II bezels fit all standard US 1 and US 2 wall boxes. USO II modules make it easy to customize outlets for any UTP or fiber application. Modules can be purchased either pre-configured or can be built by purchasing either 1U 1 Port or 1U 2 Port fascia and inserting DataGate Jacks.

- Compatible with:
- USO II family
- Uni-Fit Modular Furniture Outlets
- Modular Furniture Outlets, Boxes & MUTO
- USP Panels

Order No.	SAP No.	Description
MUS-00045-**	Consult Molex	USO II MDL-SC/SC SM
MUS-00048-**	Consult Molex	USO II MDL-SC/SC MM
MUS-00074-**	Consult Molex	USO II 2U MDL-3xSC/SC MM
MUS-00097-**	Consult Molex	FASCIA USO II 2P

Color Options: 01 = Almond, 02 = White Dimensions: MUS-00097- - 25mm H x 50mm W x 25mm D (0.98" H x 1.97" W x 0.98" D), MUS-00095** - 25mm H x 50mm W x 19mm D (0.98" H x 1.97" W x 0.75" D), MUS-00039-**, MUS-00051-**, MUS-00060-**, MUS-00098-** - 25mm H x 50mm W x 25mm D (0.98" H x 1.97" W x 0.98" D), MUS-00094-** - 25mm H x 50mm W x 19mm D (0.98" H x 1.97" W x 0.75" D), Shipping Weight: MUS-00097-** & MUS-00095** - 28g (0.99 oz), MUS-00039-**, MUS-00051-**, MUS-00060-**, MUS-00094-** - 28g (0.99 oz), MUS-00098-** - 60g (2.12 oz)

DataGate Wall Phone Plate

The DataGate Wall Phone Plate accommodates the DataGate jacks and is available in stainless steel. The DataGate jack is available in Category 3, Category 5e, Category 6 and Category 6A and is purchased separately from the DataGate Wall Phone Plate.

- Utilized for wall mounted phone installations
- Low profile for inconspicuous network connecting
- Accommodates rear-loading DataGate jacks for reduced tampering
- Accommodates DataGate Jacks

Order No.	SAP No.	Description
WSS-00007	184000555	DataGate Stainless Steel Wall Phone Plate (DataGate Jack purchased separately)

Dimensions: 115.06mm H x 70.10mm W x 10.47mm D (4.53" H x 2.76" W x 0.41" D) Shipping Weight: 63g (2.22 oz)

Decora Style Wallplates

Decora Style Wallplates are designed to fit standard decora style electrical cover plates in applications where voice and data ports are used instead of electrical outlets. Available in two and four port configurations, Decora style wallplates utilize DataGate jacks and single-position fiber and copper modules. Decora style wallplates are UL-approved and are rear-loading to resist tampering. Each wallplate comes supplied with alpha icons which are recessed when installed. Voice and data icons are also available. All icons are available in multiple colors to match DataGate™ jacks and to assist in application recognition.

- Accommodates DataGate Jacks
- Accommodate SC, LC, ST single position fiber modules
- Fit standard decora style electrical cover plates
- Accommodates media configurable modules
- Rear loading to reduce tampering

Order No.	SAP No.	Description
WDP-00002-**	Consult Molex	2 Port Decora Style Wallplate
WDP-00004-02	Consult Molex	4 Port Decora Style Wallplate - White

**Color Options - 01 = Almond, 02 = White, 08 = Gray Dimensions: WDP-00002 & WDP-00004 - 104.14mm H x 38.10mm W x 13.97mm D (4.1" H x 1.5" W x 0.55" D) Shipping Weight: WDP-00002 & WDP-00004 - 20g (0.04 oz)

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Outlet Configuration Solutions

106 Style (Grid Plates)

Grid Plates are designed to be used with standard electrical outlet plates in applications where voice and data ports are used in place of electrical outlet. Grid plates utilize DataGate jacks and single-position fiber and copper modules.

- Accommodates DataGate Jacks
- Accommodate SC, LC, ST single position fiber modules
- Accommodates media configurable modules
- Fits standard electrical cover plates
- Rear loading to reduce tampering

Order No.	SAP No.	Description
WSY-00007-**	Consult Molex	2 Port Grid Plate
WSY-00008-**	Consult Molex	4 Port Grid Plate

Color Options: 01 = Almond, 02 = White, 05 = Ivory Dimensions: WSY-00007 & WSY-00008 - 95.25mm H x 38.1mm W x 12.95mm D (3.75" H x 1.5" x 0.5" D) Shipping Weight: WSY-00007 & WSY-00008 - 12.6g (0.45 oz)

Synergy Modular Furniture Outlets

Synergy Modular Furniture outlets provide adaptability to modular office furniture. The outlets come equipped with icons for port identification and a labeling area with clear cover for location designation.

- Low profile for inconspicuous network connecting
- Available in 3 and 4 Port versions
- Rear loading jacks to reduce tampering
- Clear concise labeling
- 3 colors available
- Accommodates DataGate jacks
- Accommodates SC, LC and ST single position fiber modules
- Accommodates Media Configurable modules

Order No.	SAP No.	Description
SSY-00001-**	Consult Molex	4 Port /NEMA Cutout Size Minimum - 2.812" x 1.750" Unloaded
SSY-00005-**	Consult Molex	3 Port /TIA 569A Cutout Size 1.345" -1.405" x 2.630" x 2.850"

* SSY Color Options - 01 = Almond, 02 = White, 04 = Blue, 05 = Ivory, 08 = Gray ** CSP 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 Dimensions: SSY-00001 - 66.7mm H x 84mm W x 15.75mm D (2.63" H x 3.31" W x 0.62" D), SSY-00005 - 47mm H x 78mm W x 10.2mm D (1.85" H x 3.07" W x 0.40" D), Shipping Weight: SSY-00005 - 21.28g (0.75 oz)

Keystone Jack Wall Plates

The Molex USA style Keystone Jack Wall Plates are available in various port configurations and feature protective labeling features for identification. The low profile design features a fine textured finish. The plates are rear-loading to resist tampering. The Keystone Jack wall plates are supplied with 2 mounting screws, paper labels and label cover.

- Keystone Wall Plates accept the PowerCat C6A, C6 and C5e UTP Keystone Jacks
- Clean white finish
- Sleek, functional design
- Low profile for inconspicuous network connecting
- Rear loading to reduce tampering

Order No.	SAP No.	Description
WKP-00009-02	1810010001	Keystone Jack Wallplate USA 1 Port, White
WKP-00010-02	1810010002	Keystone Jack Wallplate USA 2 Port, White
WKP-00014-02	1810010006	Keystone Jack Wallplate USA 8 Port, White

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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.

Fiber Raceway

Molex Connected Enterprise Solutions is offering the Optical Fiber Duct Raceway product portfolio as a ducting solution for the cables for data center racks. The standard color is yellow and offering includes the most common part numbers for you to construct your fiber cables pathway. To meet the accelerating growth of the data centers to support the digital space and AI transformation is increasing faster than ever before. Molex is committed to connecting businesses with the information and support they need working to power industries with newer solutions to support the various global market segments. For this fiber raceway product Molex is in partnership with Warren and Brown an established supplier. The Fiber Raceway components include straight duct pathway lengths, tees, elbows and crosses, joiners, end caps, adapters, tubing, reducers, and express outlets. Molex offers brackets, mounting hardware, as well as tool kits to aid with installation. Contact Molex to support your optical fiber ducting pathway design for your project. We can assist you with your specific configuration and provide a corresponding bill of materials (BOM).

- These features and benefits make Molex's Fiber Raceway product offering a reliable and efficient solution for managing optical fiber cables in various environments.
- Robust and Versatile: Designed to support seamless growth, ensuring that data centers are future proof.
- Fire Resistant: Made from Low Smoke Zero Halogen (LSZH) material certified to UL94V0 specifications, reducing toxic and corrosive gas emissions during a fire.
- Protection: Ensures all critical points of the fiber cable management are met, including bend radius protection, cable access and routing, and physical protection.
- Ease of use, in the industry standard yellow color and 100, 220, 300 600mm (4 , 8.6, 12 and 24 inches) dimensions.
- Customizable: Can be easily customized and designed for specific facility requirements, with options for slotted or slotless joiners.
- High Quality Standards: Manufactured to the highest quality standards (ISO9001), complying with UL2024A & ROHS, and carrying a 10-year warranty.
- Versatile Installation: All parts are pre-slotted and can snap together or can be joined with "slotless" joiners, with vertical drops easily positioned or added.

Order No.	SAP No.	Description
Elbows, Junctions, Covers and Drops		
FR-TEE-220MM-ASS-Y	181130001	TEE 220MM ASSEMBLY DUCT SYSTEM, YELLOW
FR-TEE-100MM-ASS-Y	181130002	100MM TEE ASSEMBLY, YELLOW
FR-ECADT100/88-Y	181130003	100MM ENDCAP WITH 88MM ADAPTOR, YELLOW
FR-DCTEN100-2X50-Y	181130004	DUCT END COVER 100MM (2X50 CONVOLUTE), Y
FR-TEE300-ASS-Y	181130005	300MM TEE ASSY, YELLOW
FR-XCONN220-ASS-Y	181130006	220MM X CONNECTOR ASSEMBLY, YELLOW
FR-XCONN100-ASS-Y	181130007	100 X 100 CONNECTOR ASSEMBLY, YELLOW
FR-DCTENDCOV100-Y	181130008	DUCT END COVER 100MM, YELLOW
FR-90HRZELBW100-Y	181130009	HORIZONTAL ELBOW 90DEG -100MM, YELLOW
FR-90HRZELBW220-Y	181130010	ELBOW 90 DEG 220MM ASSEMBLY, YELLOW
FR-TOVDRPSLT-50-Y	181130013	TOP OUTLET VERT 50MM DROP - SLOT, YELLOW
FR-TOVDRPSLT100-Y	181130014	TOP OUT VERT 100 DROP - SLOT, YELLOW
FR-90HRZELB300-Y	181130019	ELBOW 90 DEG HORIZ 300MM ASS YELLOW
FR-BRO100-ASS-Y	181130020	BREAK OUT ASSEMBLY 100X100MM - YELLOW
FR-90VERTELB100-Y	181130021	100MM 90 DEG DOWN ELBOW ASS, YELLOW
Joiners		
FR-DCTJOIN220-Y	181130015	JOINER 220MM DUCT SYSTEM, YELLOW
FR-DCTJOIN100-Y	181130016	JOINER 100MM DUCT SYSTEM, YELLOW
FR-SNPJOIN12IN-Y	181130017	12" SNAP ON JOINER (NO CAGE NUTS) YELLOW
FR-NSJOIN100-ASS-Y	181130018	100MM SLOTLESS JOINER ASS, YELLOW
FR-DUCT+LID-220-Y	181130032	220MM DUCT & SNAP ON LID ASSY, YELLOW
FR-DUCT-220-Y	181130033	220MM EXTRUSION DUCT SYS, YELLOW
FR-DUCT+LID-100-Y	181130034	100MM DUCT & SNAP ON LID ASSY, YELLOW
FR-DUCT-100-Y	181130035	100MM EXTRUSION DUCT SYS, YELLOW
FR-DCTLID/SL-300-Y	181130036	300MM DUCT & LID ASS (SLOTTED) YELLOW
FR-DCT/SLT-300-Y	181130037	300MM DUCT EXTRUSION - INC SLOTS, YELLOW
FR-DCT600X100-2M-Y	181130038	600X100 DCT BODY ONLY X 2 MT LONG,YELLOW
Tubing		
FR-CVTUBE88-2M-Y	181130011	CONVOLUTED TUBE 88MM OD 2MT LG, YELLOW
FR-CVTUBE44-2M-Y	181130012	CONV.TUBE YELLOW 44MM ID X 2MT, YELLOW
Mounting Brackets		
FR-MNTBR+BLT-100	181130022	100MM MOUNTING BRACKET & BOLT
FR-MNTBR+BLT-220	181130023	220MM MOUNTING BRACKET & BOLT
FR-SUSPBRKT-220	181130024	220MM DUCT SUSPENSION BRACKET KIT
FR-SUSPBRKT-100	181130025	SUSPENSION BRACKET ASSEMBLY 100MM
FR-LDRMT-100/220	181130026	LADDER RACK MOUNT KIT 100/220MM
FR-SUSPBRKT-300	181130027	300MM H.D MOUNTING BRACKET
FR-VERTSTRUTMT-KT	181130028	VERTICAL STRUT MOUNT KIT
FR-DUCMTKT-SCW-300	181130029	300MM DUCT MOUNT KIT FOR SCREW
FR-MNTBRKT-600	181130030	MOUNTING BRACKET ASSEMBLY 600MM
FR-DCTCLMP-UNIV	181130031	DUCT CLAMP UNI 100, 220, 300 (10 pcs)
FR-SLOTWRENCH-KIT	182560009	SLOTTING TOOL & WRENCH
FR-HYDSLOT- KIT	182560010	SLOTTING TOOL - HAND, HYDRAULIC IN CARRY CASE
FR-CUT-JIG-ASS	182560011	CUTOUT JIG ASSEMBLY
FR-MITREBX-100/220	182560012	MITRE BOX 220 & 100MM

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Vertical Cable Manager - Single Sided Rackable, 45U

Molex's single-sided vertical cable manager is designed to organize and protect cables in 45U rack environments, ensuring a clean, efficient, and professional installation.

- Single-Sided Design: Ideal for managing cables on one side of the rack while saving space.
- Improved Organization: Reduces clutter and enhances airflow for better system performance.
- Capacity: Supports up to 45 Rack Units (RU) for large-scale deployments.
- Durable Construction: Made from high-strength materials for long-term reliability.
- Integrated Cable Fingers: Provides structured routing and strain relief for cables.
- Snap-On Hinged Covers: Keeps cables secure and improves aesthetics while allowing easy access.
- Rack-Mount Ready: Includes mounting hardware for quick and secure installation.

Order No.	SAP No.	Description
VCM07-06SSBK	181050081	Vertical Cable Manager, 7ft 6" 45U Single Sided, Black
VCM07-08SSBK	181050082	Vertical Cable Manager, 7ft 8" 45U Single Sided, Black

2-Post Relay Rack 3" Channel Alu (45U) / 2-Post Relay Rack 6" Channel Alu (45U)

2-Post Relay Rack 3" channel Alu (45U) / 2-Post Relay Rack 6" channel Alu (45U)

Order No.	SAP No.	Description
RAA2P6-45U	181050073	2-Post Relay Rack 6" Channel Alu 45U, Black
RAA2P3-45U	181050074	2-Post Relay Rack 3" Channel Alu 45U, Black

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	181050065	Brush Tidy Cable Management Panel - Black*
25.C001-04	181050044	Panel 1U with cover
25.B013-04	181050066	2U Ring Run Panel

* 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

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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

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Installation equipment

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

Tools & Testers

Termination Tools

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

Testers

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

Rugged and Reliable

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

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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
31.0012	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 7

Terminating Puck

The IDC Punchdown Tool provides reliable terminations and is compatible with 110 Style. The Punch-Down Terminating Puck is a handy twisted pair termination aid that works with Molex RJ45 DataGate jacks.

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

Order No.	SAP No.	Description
CSP-00018-04	180400053	Punchdown Terminating Puck (Black)

SLT3S Tester

The SLT3S Tester is a rugged, lightweight product designed to verify the integrity of 1, 2, 3, and 4 pair UTP and FTP channels. Incorporating a unique 3-in-1 design, this tester features built-in modular jacks for USOC, EIA 568A and 568B wiring sequences. Simply connect the master and slave unit to each end of the cable under test, and the SLT3S automatically verifies correct cable sequence, as well as open and short circuits.

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

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

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MTP PRO Polarity/Pin Removal Field Tool and Pin Exchanger

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

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

Preterminated leads
Page 42

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

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Order No. Reference

Order No.	SAP No.	Description	Page
18282-0249	182820249	Duplex LC SM OS1/2, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Blue	39
18282-0250	182820250	Duplex LC MM OM3/4, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Aqua	39
18282-0251	182820251	Duplex LC MM OM4, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Erika Violet	39
18282-0252	182820252	Duplex LC MM OM5, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Lime Green	39
18282-0253	182820253	Duplex LC SM OS1/2, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Blue	39
18282-0254	182820254	Duplex LC MM OM3/4, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Aqua	39
18282-0255	182820255	Duplex LC MM OM4, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Erika Violet	39
18282-0256	182820256	Duplex LC MM OM5, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Lime Green	39
25.A029-04	181050065	Brush Tidy Cable Management Panel - Black*	73
25.B013-04	181050066	2U Ring Run Panel	73
25.B016-04	181080001	1U Ring Run Panel	73
25.B0284	180310014	1U Side Ring	73
25.B035-04	181080002	1U Deep Ring Run	73
25.B0364	180310015	1U Side Ring, Deep	73
25.B0424	180310015	2U Side Ring	73
25.C001-04	181050044	Panel 1U with cover	73
31.0011	182520002	4 Pair Termination Tool Frame C6A FTP - DataGate Only	77
31.0012	182520003	Termination Head C5e/C6 UTP	77
31.0015	182520015	Termination Head C6A FTP	77
31.0016	182520017	Keystone Jack C6A UTP 4 Pair Termination Tool	77
33-100	180390001	SLT3 Tester (Master and Slave Units) with 9 Volt battery - UTP only	77
33A-100-10	180390011	SLT3S Tester (Master and Slave Units) with 9 Volt battery, UTP and Shielded	77
35-701	Consult Molex	Magnet Kit for SUS-00003-**	68
35.B0120	Consult Molex	Magnet Kit for SUS-00002-**	68
35.B0130	Consult Molex	Keyed Lock Kit	31
91-XAABB-YLLLC-E	Consult Molex	ModLink Cables	42
91.A0860	Consult Molex	Gland 4-8mm M20	32
91.A0870	Consult Molex	Gland 6-12mm M20	32
91.A0880	Consult Molex	Gland 9-14mm M20	32
91.XX.XXX.XXXXX-X	Consult Molex	Fiber Optic Patch Cords	28
9HAAABCDEEFFGHIIIJ	Consult Molex	Hybrid Pre-Terminated Cable Assemblies --	43
9MAABCCDEEFFGHIIIJ	Consult Molex	MTP-MTP Pre-Terminated Multicore Cable Assemblies	43
AFOBP006OM1	180580154	6 Fiber Building Distribution Cable, Plenum, OM1 - Orange	24
AFOBP006OM2	180580098	6 Fiber Building Distribution Cable, Plenum, OM2 - Orange	24
AFOBP006OM3	180580078	6 Fiber Building Distribution Cable, Plenum, OM3 - Aqua	24
AFOBP006OM4	180580566	6 Fiber Building Distribution Cable, Plenum, OM4 - Aqua	24
AFOBP006OM5	180580761	6 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green	24
AFOBP006OS2	180580569	6 Fiber Building Distribution Cable, Plenum, OS2 - Yellow	24
AFOBP012OM1	180580156	12 Fiber Building Distribution Cable, Plenum, OM1 - Orange	24
AFOBP012OM3	180580080	12 Fiber Building Distribution Cable, Plenum, OM3 - Aqua	24
AFOBP012OM4	180580432	12 Fiber Building Distribution Cable, Plenum, OM4 - Aqua	24
AFOBP012OM5	180580763	12 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green	24
AFOBP012OS2	180580120	12 Fiber Building Distribution Cable, Plenum, OS2 - Yellow	24
AFOBP024OM1	180580157	24 Fiber Building Distribution Cable, Plenum, OM1 - Orange	24
AFOBP024OM3	180580081	24 Fiber Building Distribution Cable, Plenum, OM3 - Aqua	24
AFOBP024OM4	180580429	24 Fiber Building Distribution Cable, Plenum, OM4 - Aqua	24
AFOBP024OM5	180580764	24 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green	24
AFOBP024OS2	180580571	24 Fiber Building Distribution Cable, Plenum, OS2 - Yellow	24
AFOBP048OM1	180580159	48 Fiber Building Distribution Cable, Plenum, OM1 - Orange	24
AFOBP048OM3	180580083	48 Fiber Building Distribution Cable, Plenum, OM3 - Aqua	24
AFOBP048OM4	180580567	48 Fiber Building Distribution Cable, Plenum, OM4 - Aqua	24
AFOBP048OM5	180580784	48 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green	24
AFOBP048OS2	180580572	48 Fiber Building Distribution Cable, Plenum, OS2 - Yellow	24
AFOBP072OM1	180580161	72 Fiber Building Distribution Cable, Plenum, OM1 - Orange	24
AFOBP072OM2	180580105	72 Fiber Building Distribution Cable, Plenum, OM2 - Orange	24
AFOBP072OM3	180580085	72 Fiber Building Distribution Cable, Plenum, OM3 - Aqua	24
AFOBP072OM4	180580568	72 Fiber Building Distribution Cable, Plenum, OM4 - Aqua	24
AFOBP072OM5	180580785	72 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green	24
AFOBP072OS2	180580573	72 Fiber Building Distribution Cable, Plenum, OS2 - Yellow	24
AFOBR006OM1	Consult Molex	6 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange	25
AFOBR006OM2	180580088	6 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange	25
AFOBR006OM3	180580068	6 Fiber Building Distribution Cable, Non-Plenum, OM3 - Aqua	25
AFOBR006OM4	180580409	6 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua	25
AFOBR006OS2	180580108	6 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow	25
AFOBR012OM1	Consult Molex	12 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange	25
AFOBR012OM2	180580090	12 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange	25
AFOBR012OM3	180580070	12 Fiber Building Distribution Cable, Non-Plenum, OM3 - Aqua	25
AFOBR012OM4	180580412	12 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua	25
AFOBR012OS2	180580110	12 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow	25
AFOBR024OM1	Consult Molex	24 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange	25
AFOBR024OM2	180580091	24 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange	25
AFOBR024OM3	180580071	24 Fiber Building Distribution Cable, Non-Plenum, OM3 - Aqua	25
AFOBR024OM4	Consult Molex	24 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua	25
AFOBR024OS2	180580111	24 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow	25
AFOBR048OM1	Consult Molex	48 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange	25
AFOBR048OM2	180580093	48 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange	25
AFOBR048OM3	180580073	48 Fiber Building Distribution Cable, Non-Plenum, OM3 - Aqua	25
AFOBR048OM4	Consult Molex	48 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua	25
AFOBR048OS2	180580113	48 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow	25
AFOBR072OM1	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange	25
AFOBR072OM2	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange	25
AFOBR072OM4	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua	25
AFOBR072OM5	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OM5 - Lime Green	25

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AFOBR072OS2	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow	25
AFODI XXX XXX X X-X	Consult Molex	1 Fiber All Dielectric 250µm FTTH Flat Drop Cable	49
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CAA-00449P-02	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT WHITE TH	7
CAA-00449P-04	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT BLACK TH	7
CAA-00449P-08	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT GRAY TH	7
CAA-00449P-BL	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT BLUE TH	7
CAA-00449P-GR	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT GREEN TH	7
CAA-00449P-ON	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT ORANGE TH	7
CAA-00449P-PK	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT PINK TH	7
CAA-00449P-PP	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT PURPLE TH	7
CAA-00449P-YL	1810000000	CBL C6A U/UTP 4PR 23 AWG CMP 1000FT YELLOW TH	7
CAA-00450R-02	182000000	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT WHITE TH	7
CAA-00450R-04	182000000	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT BLACK TH	7
CAA-00450R-08	182000000	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT GRAY TH	7
CAA-00450R-BL	182000000	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT BLUE TH	7
CAA-00450R-GR	182000000	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT GREEN TH	7
CAA-00450R-ON	181740235	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT ORANGE TH	7
CAA-00450R-PP	1810030165	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT PURPLE TH	7
CAA-00450R-YL	181740238	CBL C6A U/UTP 4PR 23 AWG CMR 1000FT YELLOW TH	7
CAA-0181P-02-RX	181740250	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT WHITE	14
CAA-0181P-08-RX	181740251	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT GRAY	14
CAA-0181P-0N-RX	181740252	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT ORANGE	14
CAA-0181P-BL-RX	181740253	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT BLUE	14
CAA-0181P-GR-RX	181740254	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT GREEN	14
CAA-0181P-PK-RX	181740255	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT PINK	14
CAA-0181P-PP-RX	181740256	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT PURPLE	14
CAA-0181P-RD-RX	181740257	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT RED	14
CAA-0181P-YL-RX	181740258	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT YELLOW	14
CAA-0181R-02-RX	181740259	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT WHITE	14
CAA-0181R-04-RX	181740260	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT BLACK	14
CAA-0181R-08-RX	181740261	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT GRAY	14
CAA-0181R-BL-RX	181740262	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT BLUE	14
CAA-0181R-GR-RX	181740263	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT GREEN	14
CAA-0181R-YL-RX	181740264	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT YELLOW	14
CAA-0183P-02	181700040	CBL C6 U/UTP 4PR 23 AWG PVC CMP 1000FT WHITE	14
CAA-0183P-08	181700038	CBL C6 U/UTP 4PR 23 AWG PVC CMP 1000FT LIGHT GRAY	14
CAA-0183P-BL	181700041	CBL C6 U/UTP 4PR 23 AWG PVC CMP 1000FT BLUE	14
CAA-0183P-YL	181700039	CBL C6 U/UTP 4PR 23 AWG PVC CMP 1000FT YELLOW	14
CAA-0183R-02	181700035	CBL C6 U/UTP 4PR 23 AWG PVC CMR 1000FT WHITE	14
CAA-0183R-08	181700033	CBL C6 U/UTP 4PR 23 AWG PVC CMR 1000FT LIGHT GRAY	14
CAA-0183R-BL	181700034	CBL C6 U/UTP 4PR 23 AWG PVC CMR 1000FT BLUE	14
CAA-0183R-YL	181700036	CBL C6 U/UTP 4PR 23 AWG PVC CMR 1000FT YELLOW	14
CAA-0195P-02	181740024	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT WHITE	14
CAA-0195P-08	181740025	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT GRAY	14
CAA-0195P-3KBL	181740029	CBL C6 U/UTP 4PR 23 AWG CMP 3000FT BLUE	14
CAA-0195P-BL	181740023	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT BLUE	14
CAA-0195P-GR	181740031	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT GREEN	14
CAA-0195P-YL	181740030	CBL C6 U/UTP 4PR 23 AWG CMP RLX 1000FT YELLOW	14
CAA-0195R-02	181740027	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT WHITE	14
CAA-0195R-08	181740028	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT GRAY	14
CAA-0195R-BL	181740026	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT BLUE	14
CAA-0195R-GR	181740034	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT GREEN	14
CAA-0195R-YL	181740033	CBL C6 U/UTP 4PR 23 AWG CMR RLX 1000FT YELLOW	14
CAA-0320P-02	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT WHITE TH	9
CAA-0320P-04	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT BLACK TH	9
CAA-0320P-08	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT GRAY TH	9
CAA-0320P-3K08	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 3KFT GRAY TH	9
CAA-0320P-BL	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT BLUE TH	9
CAA-0320P-GR	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT GREEN TH	9
CAA-0320P-RD	183000000	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT RED TH	9
CAA-0320P-YL	183020085	CBL C6A F/UTP 4PR 23 AWG CMP 1KFT YELLOW TH	9
CAA-0320R-02	183020086	CBL C6A F/UTP 4PR 23 AWG CMR 1KFT WHITE TH	9
CAA-0320R-08	183020087	CBL C6A F/UTP 4PR 23 AWG CMR 1KFT GRAY TH	9
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FR-90HRZELBW220-Y	181130010	ELBOW 90 DEG 220MM ASSEMBLY, YELLOW	72
FR-90VERTELB100-Y	181130021	100MM 90 DEG DOWN ELBOW ASS, YELLOW	72
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KSJ-00099-08	1810020012	Keystone Jack C6A UTP 568A/B Gen II - Gray	7
KSJ-00099-BL	1810020013	Keystone Jack C6A UTP 568A/B Gen II - Blue	7
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MJF-109439-***	182640039	7-way HDPE Pathway - 8.5/6mm w/Tracer	55
MJF-109440-***	182640074	4-way HDPE Pathway -8.5/6mm UV Blk Jac	55
MJF-109443	182640039	7-way HDPE Pathway - 12.7/10mm w/Tracer	55
MJF-109444	182640038	4-way HDPE Pathway - 12.7/10mm w/Tracer	55
MJF-109447	Consult Molex	2-way HDPE Pathway - 12.7/10mm w/Tracer	55
MJF-109450	Consult Molex	3-way HDPE Pathway - 12.7/10mm w/Tracer	55
MJF-109458-***	182640075	2-way HDPE Pathway - 8.5/6mm UV Blk Jac	55

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MJF-109462-***	182640034	19-way HDPE Pathway - 8.5/6mm UV Blk Jac	55
MJF-109485-***	182640009	7-way HDPE Pathway - 8.5/6mm UV Blk Jac	55
MJF-110044	Consult Molex	2-way HDPE Pathway - 18/14mm FuturePath "Flex"	55
MJF-110093-***	182640010	2-way Plenum Pathway - 8.5/6mm	55
MJF-110094-***	182640128	4-way Plenum Pathway - 8.5/6mm	55
MJF-110096-***	182640130	3-way Plenum Pathway - 8.5/6mm	55
MJF-110098-***	182640012	7-way Plenum Pathway - 8.5/6mm	55
MJF-110100-***	182640029	12-way Plenum Pathway - 8.5/6mm	55
MJF-110104-***	182640030	24-way Plenum Pathway - 8.5/6mm	55
MJF-110321-***	182640076	24-way HDPE Pathway - 8.5/6mm UV Blk Jac	55
MJF-200695	182640049	24 Fiber, Microcable Riser - OM3	58
MJF-200696	180560066	48 Fiber, Microcable Riser - OM4	58
MJF-200729	182640032	24 Fiber, Microcable Riser - OS2	58
MJF-200730	Consult Molex	48 Fiber, Microcable Riser - OS2	58
MJF-201451	182640019	48 Fiber, Microcable Plenum - OS2	58
MJF-201462	Consult Molex	Coupler - 5mm	59
MJF-201463	Consult Molex	Coupler - 7mm	59
MJF-201482	182640062	End Cap - Airtight 12.7mm	59
MJF-201484	Consult Molex	End Cap - 12mm	59
MJF-201523	182640133	Plugs - 8.5mm End Plug (HPDE and Riser only)	59
MJF-201712	182640020	Connector - 8.5mm Bulkhead Connector w/lock ring 8.5mm	59
MJF-201719	181050052	8.5mm Duct Top Mounting Bracket, each bracket secures a row of 8 ducts, with 3 screws.	59
MJF-201745	182540012	Cutter - Round MicroDuct	59
MJF-201801	Consult Molex	Connector - 5mm Gas Block	59
MJF-201803	182540014	Cutter - Rachet 2in	59
MJF-201819	182660008	End Cap - Airtight 8.5mm BCA 8.5mm Cap	59
MJF-201831	Consult Molex	Coupler - 10mm	59
MJF-201832	182640059	Coupler 12.7mm Straight Connector Clear w/gray tips 22–32	59
MJF-201834	182660007	Coupler 8.5mm Straight Connector Clear w/blue tips	59
MJF-201856	182540011	Cutter - MD Duct 8–19mm OD	59
MJF-201866	182540015	Microduct Coupler Collet Unlocking Tool	59
MJF-201881	Consult Molex	Coupler - Reducer 10mm - 8.5mm	59
MJF-201883	182640137	Coupler - Transition 8.5mm to 5mm Microduct	59
MJF-201884	182650001	Coupler - Transition 8.5mm to 8mm Microduct	59
MJF-201915	182660000	Connector - Deta D 8.5mm x 2	59
MJF-201916	182660001	Connector - Deta D 8.5mm x 4	59
MJF-201917	182660002	Connector - Deta D 8.5mm x 7	59
MJF-201918	182640021	Connector - Deta D 8.5mm x 12	59
MJF-201919	182660003	Connector - Deta D 8.5mm x 19	59
MJF-201920	182640022	Connector - Deta D 8.5mm x 24	59
MJF-201923	182680035	Cutter - Rachet 1-1/2"	59
MJF-201929	182620092	Bracket - 12.7mm Microduct Mounting Bracket	59
MJF-201937	182540016	Slitter Longitudinal	59
MJF-201939	Consult Molex	Coupler - Transition 12.7mm x 12mm	59
MJF-202104	182660009	Connector - Gas Block 8.5/6mm for cable 3.3–4.0mm	59
MJF-202120	181050053	8.5mm Duct Wall Mounting Plate Kit that secures a row of 8 ducts. Includes wall plate, and single base bracket, with 3 screws. Additional top mounting bracket (MJF-201719) will be required to complete the first row.	59
MJF-202121	182620091	Bracket - 12.7mm Microduct MT Plate B&C 22–45	59
MJF-202828	182640060	Plugs - 12.7mm End Plug	59
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MJF-202866	182640047	12 Fiber, Microcable Riser - OS2	58
MJF-202883	Consult Molex	48 Fiber, Microcable Riser - OM3	58
MJF-202884	182640015	Enclosure - MDB Box 16x14x8 Nema 12 JIC 1Door Continuous Hinge Wall Mount	59
MJF-202960	182640046	6 Fiber, Microcable Riser - OS2	58
MJF-202961	182640150	6 Fiber, Microcable Riser - OM1	58
MJF-202962	182640152	24 Fiber, Microcable Riser - OM1	58
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MJF-202988	180560059	6 Fiber, Microcable Plenum - OM4	58
MJF-202989	Consult Molex	12 Fiber, Microcable Plenum - OM4	58
MJF-202990	180560060	24 Fiber, Microcable Plenum - OM4	58

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MJF-203016	182640138	Coupler - Transition 8mm to 5mm Microduct	59
MJF-203017	182640061	Connector - Bulk Head w/lock Ring 12.7mm	59
MJF-203018	182650002	Close Down Assembly - 8.5mm	59
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MJF-203048	182640139	Connector - Deta D 8.5mm x 1	59
MJF-203049	182640140	Connector - Deta D 8.5mm x 3	59
MJF-203050	182640064	Connector - Deta 12.7mm X 1	59
MJF-203051	182640065	Connector - Deta 12.7mm X 2	59
MJF-203052	Consult Molex	Connector - Deta 12.7mm X 3	59
MJF-203053	182640066	Connector - Deta 12.7mm X 4	59
MJF-203054	182640067	Connector - Deta 12.7mm X 7	59
MJF-203136	182680043	EQ Fanout Kit - 3.0mm Tube 12 Fiber X 24in	59
MJF-203201	182640043	72 Fiber, Microcable Riser - OS2	58
MJF-203262	Consult Molex	Coupler - Transition 12mm x 10mm	59
MJF-203272	180560067	72 Fiber, Microcable Riser - OM4	58
MJF-203314	182680067	EQ Fanout Kit - 3.0mm Tube 6 Fiber X 24in	59
MJF-203333	182640154	72 Fiber, Microcable Riser - OM1	58
MJF-203334	Consult Molex	72 Fiber, Microcable Riser - OM2	58
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MJF-203498	Consult Molex	Coupler - Transition 12.7mm x 10mm	59
MJF-203525	181050051	EQ Cable Router Kit - 6 Fiber	59
MJF-203630	182640044	96 Fiber, Microcable Riser - OS2	58
MJF-203631	Consult Molex	96 Fiber, Microcable Plenum - OS2	58
MJF-203768	182650003	Longitudinal Sheath Slitter	59
MJF-203843	Consult Molex	Connector - Gas Block 10mm	59
MJF-203845	Consult Molex	Enclosure - Wall Mount Multi-Cable Distribution Enclosure, Black EA	59
MJF-203846	Consult Molex	MDS Stand-Off Brackets for Ladder Rack Mount (PAIR)	59
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MJF-203848	Consult Molex	Bulkhead Plate - MDS 8 Position EA 8.5mm 2-Slot	59
MJF-203849	Consult Molex	Bulkhead Plate - MDS L-Type 6 Position 8.5mm 1 Slot EA	59
MJF-203850	182640058	Bulkhead Plate - MDS L-Type 3 Position 12.7mm 2 Slot EA	59
MJF-203851	Consult Molex	Bulkhead Plate - R & M L-Type, Blank EA	59
MJF-203852	Consult Molex	Hose Clamp SAE 12, .5" - 1.25" E	59
MJF-203853	Consult Molex	Cable Tie - 15" 50 lb UV Black EA	59
MJF-203854	Consult Molex	MDS Replacement Screw, 10/32 x 1/4" Panhead Black EA	59
MJF-203855	Consult Molex	MDS Ladder Bracket Screw 10/32 x 5/16" Panhead Black EA	59
MJF-203856	Consult Molex	MDS Wall Mount Screw, 1" EA	59
MJF-203857	Consult Molex	MDS 2.5mm Web Grommet EA	59
MJF-203858	Consult Molex	Hose Clamp 1.25"-2.25" EA	59
MJF-203865	182640071	EQ Cable Router Kit - 8 Fiber	59
MJF-204030	182680040	HT Microduct Proofing Test BB 4.8mm (8.5/6mm FP)	59
MJF-204031	Consult Molex	HT Microduct Proofing Test BB 7.9mm (12.7/10mm FP)	59
MJF-204133	182640131	36 Fiber, Microcable Riser - OS2	58
MJF-204656	182640023	LM series, Microcable 288 ST SM, OSP Blk JAC	58
MLCDLC12OM2	181810147	12 Fiber ModLink Cassette, Duplex LC, OM2 50µm	45
MLCDLC12OM3L	181810152	12 Fiber ModLink Cassette, Duplex LC, OM3 50µm, Low Loss	45
MLCDLC12OM4L	181810172	12 Fiber ModLink Cassette, Duplex LC, OM4 50µm, Low Loss	45
MLCDLC12OM5	181810244	12 Fiber ModLink Cassette, Duplex LC, OM5	45
MLCDLC12OM5L	181810245	12 Fiber ModLink Cassette, Duplex LC, OM5, Low Loss	45
MLCDLC12OS2L	181810173	12 Fiber ModLink Cassette, Duplex LC, OS1a/2	45
MLCDSC12OM3L	181810150	12 Fiber ModLink Cassette, Duplex SC, OM3 50µm, Low Loss	45
MLCDSC12OM4L	181810167	12 Fiber ModLink Cassette, Duplex SC, OM4 50µm, Low Loss	45
MLCDSC12OM5	181810237	12 Fiber ModLink Cassette, Duplex SC, OM5	45
MLCDSC12OM5L	181810238	12 Fiber ModLink Cassette, Duplex SC, OM5, Low Loss	45
MLCDSC12OS2L	181810166	12 Fiber ModLink Cassette, Duplex SC, OS1a/2	45
MLCQLC12OM2	180370267	12 Fiber ModLink Cassette, Quad LC, OM2 50?m	45
MLCQLC12OM3L	181810177	12 Fiber ModLink Cassette, Quad LC, OM3 50µm, Low Loss	45
MLCQLC12OM4L	181810176	12 Fiber ModLink Cassette, Quad LC, OM4 50µm, Low Loss	45
MLCQLC12OM5	Consult Molex	12 Fiber ModLink Cassette, Quad LC, OM5	45
MLCQLC12OM5L	Consult Molex	12 Fiber ModLink Cassette, Quad LC, OM5 Multimode, Low Loss	45
MLCQLC12OS2L	181810175	12 Fiber ModLink Cassette, Quad LC, OS1a/2	45
MLCQLC24OM1	181810162	24 Fiber ModLink Cassette, Quad LC, OM1 62.5µm Multimode	45
MLCQLC24OM2	181810164	24 Fiber ModLink Cassette, Quad LC, OM2 50µm	45
MLCQLC24OM3L	181810163	24 Fiber ModLink Cassette, Quad LC, OM3, 50µm, Low Loss	45
MLCQLC24OM4L	181810171	24 Fiber ModLink Cassette, Quad LC, OM4, 50µm, Low Loss	45
MLCQLC24OM5	181810249	24 Fiber ModLink Cassette, Quad LC, OM5	45
MLCQLC24OM5L	181810250	24 Fiber ModLink Cassette, Quad LC, OM5, Low Loss	45
MLCQLC24OS2L	181810170	24 Fiber ModLink Cassette, Quad LC, OS2, Low Loss	45
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MUS-00048-**	Consult Molex	USO II MDL-SC/SC MM	68
MUS-00074-**	Consult Molex	USO II 2U MDL-3xSC/SC MM	68
MUS-00097-**	Consult Molex	FASCIA USO II 2P	68
MUS-00097-0*	Consult Molex	USO II Double Port Fascia - Unloaded (bag of 25)	66
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PCD-01000-0E	181910586	PowerCat 5e Patch Cord, UTP, LS0H, Gray 0.5m	18
PCD-01001-0E	181910595	PowerCat 5e Patch Cord, UTP, LS0H, Gray 1.0m	18
PCD-01001-BK	181910602	PowerCat 5e Patch Cord, UTP, LS0H, Black 1.0m	18
PCD-01003-0E	181910613	PowerCat 5e Patch Cord, UTP, LS0H, Gray 2.0m	18
PCD-01005-0E	181910631	PowerCat 5e Patch Cord, UTP, LS0H, Gray 3.0m	18
PCD-01009-0E	181910667	PowerCat 5e Patch Cord, UTP, LS0H, Gray 5.0m	18
PCD-01019-0E	181910757	PowerCat 5e Patch Cord, UTP, LS0H, Gray 10.0m	18
PCD-01043-0C	181910972	PowerCat 5e Patch Cord, UTP, PVC, Red 3.0m	18
PCD-01044-0C	181910981	PowerCat 5e Patch Cord, UTP, PVC, Red 5.0m	18
PCD-02040-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 0.5m (1.6ft)	16
PCD-02041-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 1m (3ft)	16
PCD-02042-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 2m (6.5ft)	16
PCD-02043-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 3m (9.8ft)	16
PCD-02045-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 7m (22ft)	16
PCD-02046-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 10m (32ft)	16
PCD-02047-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 1.5m (5ft)	16
PCD-02401-0E	181993514	PATCH CORD C6 U/UTP 28AWG PVC 1M GRAY	16
PCD-02402-0E	181993516	PATCH CORD C6 U/UTP 28AWG PVC 2M GRAY	16
PCD-02403-0E	181993517	PATCH CORD C6 U/UTP 28AWG PVC 3M GRAY	16
PCD-02405-0E	181993518	PATCH CORD C6 U/UTP 28AWG PVC 5M GRAY	16
PCD-0240A-0E	181993513	PATCH CORD C6 U/UTP 28AWG PVC 0.5M GRAY	16
PCD-0240B-0E	181993515	PATCH CORD C6 U/UTP 28AWG PVC 1.5M GRAY	16
PCD-02410-0E	181993519	PATCH CORD C6 U/UTP 28AWG PVC 10M GRAY	16
PCD-07020-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 1.0m	10
PCD-07021-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 2.0m	10
PCD-07022-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 3.0m	10
PCD-07024-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 5.0m	10
PCD-07026-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 7.0m	10
PCD-07029-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 10.0m	10
PCD-07121-BK	183162207	Patch Cord C6A Shielded IP67-RJ45 1m Black	13
PCD-07122-BK	183162208	Patch Cord C6A Shielded IP67-RJ45 2m Black	13
PCD-07123-BK	183162209	Patch Cord C6A Shielded IP67-RJ45 3m Black	13
PCD-07124-BK	183162210	Patch Cord C6A Shielded IP67-RJ45 5m Black	13
PCD-07125-BK	183162211	Patch Cord C6A Shielded IP67-IP67 1m Black	13
PCD-07126-BK	183162212	Patch Cord C6A Shielded IP67-IP67 2m Black	13
PCD-07127-BK	183162213	Patch Cord C6A Shielded IP67-IP67 3m Black	13
PCD-07128-BK	183162214	Patch Cord C6A Shielded IP67-IP67 5m Black	13
PCD-07129-BK	183162325	Patch Cord C6A Shielded IP67-RJ45 1.5m Black	13
PCD-07130-BK	183162326	Patch Cord C6A Shielded IP67-IP67 1.5m Black	13
PCD-07137-BK	183162401	Patch Cord C6A IP65 RJ45- Plug RJ45 1.0m Black	12
PCD-07138-BK	183162402	Patch Cord C6A IP65 RJ45- Plug RJ45 1.5m Black	12
PCD-07139-BK	183162403	Patch Cord C6A IP65 RJ45- Plug RJ45 2.0m Black	12
PCD-07140-BK	183162404	Patch Cord C6A IP65 RJ45- Plug RJ45 3.0m Black	12
PCD-07141-BK	183162405	Patch Cord C6A IP65 RJ45- Plug RJ45 5.0m Black	12
PCD-07142	183162406	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 1.0M Black	12
PCD-07143	183162407	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 1.5M Black	12
PCD-07144	183162408	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 2.0M Black	12
PCD-07145	183162409	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 3.0M Black	12
PCD-07146	183162410	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 5.0M Black	12
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PCD-70503-**	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord PVC 3ft	10
PCD-70505-**	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord PVC 5ft	10
PCD-70507-**	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord PVC 7ft	10
PCD-70510-**	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord PVC 10ft	10
PCD-70515-**	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord PVC 15ft	10
PCD-70520-**	Consult Molex	PowerCat 6A Slim 28 AWG Shielded Patch Cord PVC 20ft	10
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PID-00142-04	182090041	PowerCat 6 48 Port Patch Panel RJ45 568A/B UTP C6 - 2U - Black	16
PID-00156B	182080298	PowerCat 6 24 Port Angled Patch Panel RJ45 568A/B UTP Black - 1U	15
PID-00174-04	181060012	PowerCat 5e 24 Port DataGate Patch Panel RJ45 568A/B UTP - 1U	18
PID-00210-04	180810047	24 Port Keystone Jack Patch Panel 1U Unloaded	19
PID-00217	182960022	PowerCat 6A 24 Port Patch Panel 568A/B Shielded - 1U	10
PID-00218	182960023	PowerCat 6A 24 Port Angled Patch Panel 568A/B Shielded - 1U	10
PID-00219	182960024	PowerCat 6A 48 Port Patch Panel 568A/B Shielded - 2U	10
PID-00220	182960025	PowerCat 6A 48 Port Angled Patch Panel 568A/B Shielded - 2U	10
PID-00257	182960014	24 Port Keystone Jack Patch Panel 1U Unloaded - Metric fixing kit	19
PID-00258-02	180810067	PowerCat 24 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 1U - White	20
PID-00258-04	180810072	PowerCat 24 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 1U - Black - Imperial Fixing Kit	20
PID-00259-02	180810068	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U - White	20
PID-00259-04	180810073	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U - Black - Imperial Fixing Kit	20
PID-00260-02	180810069	PowerCat 48 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 2U - White	20
PID-00260-04	180810074	PowerCat 48 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 2U - Black - Imperial Fixing Kit	20
PID-00261-02	180810070	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U - White	20
PID-00261-04	1800810075	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U - Black - Imperial Fixing Kit	20
PID-00289	182960027	48 Port Keystone Patch Panel Unloaded 19" 2U - with Cable Management Bar - Metric Fixing Kit, Black	19
PMLCDLC12OM3L	181810333	Duplex LC, 12-Fiber ModLink MPO Cassette, OM3, Low Loss	46
PMLCDLC12OM4L	181810332	Duplex LC, 12-Fiber ModLink MPO Cassette, OM4, Low Loss	46
PMLCDLC12OM5L	181810342	Duplex LC, 12-Fiber ModLink MPO Cassette, OM5, Low Loss	46
PMLCDLC12OS2L	181810329	Duplex LC, 12-Fiber ModLink MPO Cassette, OS1/OS2, Low Loss	46
PMLCDSC12OM3L	181810375	Duplex SC, 12-Fiber ModLink MPO Cassette, OM3, Low Loss	46
PMLCDSC12OM4L	181810376	Duplex SC, 12-Fiber ModLink MPO Cassette, OM4, Low Loss	46
PMLCDSC12OM5L	181810326	Duplex SC, 12-Fiber ModLink MPO Cassette, OM5, Low Loss	46

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PMLCDSC12OS2L	181810371	Duplex SC, 12-Fiber ModLink MPO Cassette, OS1/OS2, Low Loss	46
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PMLCQLC12OM4L	181810345	Quad LC, 12-Fiber ModLink MPO Cassette, OM4, Low Loss	46
PMLCQLC12OM5L	181810352	Quad LC, 12-Fiber ModLink MPO Cassette, OM5, Low Loss	46
PMLCQLC12OS2L	181810350	Quad LC, 12-Fiber ModLink MPO Cassette, OS1/OS2, Low Loss	46
PMLCQLC24OM3L	181810361	Quad LC, 24-Fiber ModLink MPO Cassette, 50/125, OM3, Low Loss	46
PMLCQLC24OM4L	181810362	Quad LC, 24-Fiber ModLink MPO Cassette, 50/125, OM4, Low Loss	46
PMLCQLC24OM5L	181810370	Quad LC, 24-Fiber ModLink MPO Cassette, 50/125, OM5, Low Loss	46
PMLCQLC24OS2L	181810364	Quad LC, 24-Fiber ModLink MPO Cassette, 9/125, OS2, Low Loss	46
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