

PRODUCT AND SOLUTIONS GUIDE

Connected Enterprise Solutions Americas

Q2 2024



molex

Connected Buildings >



For over 30 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

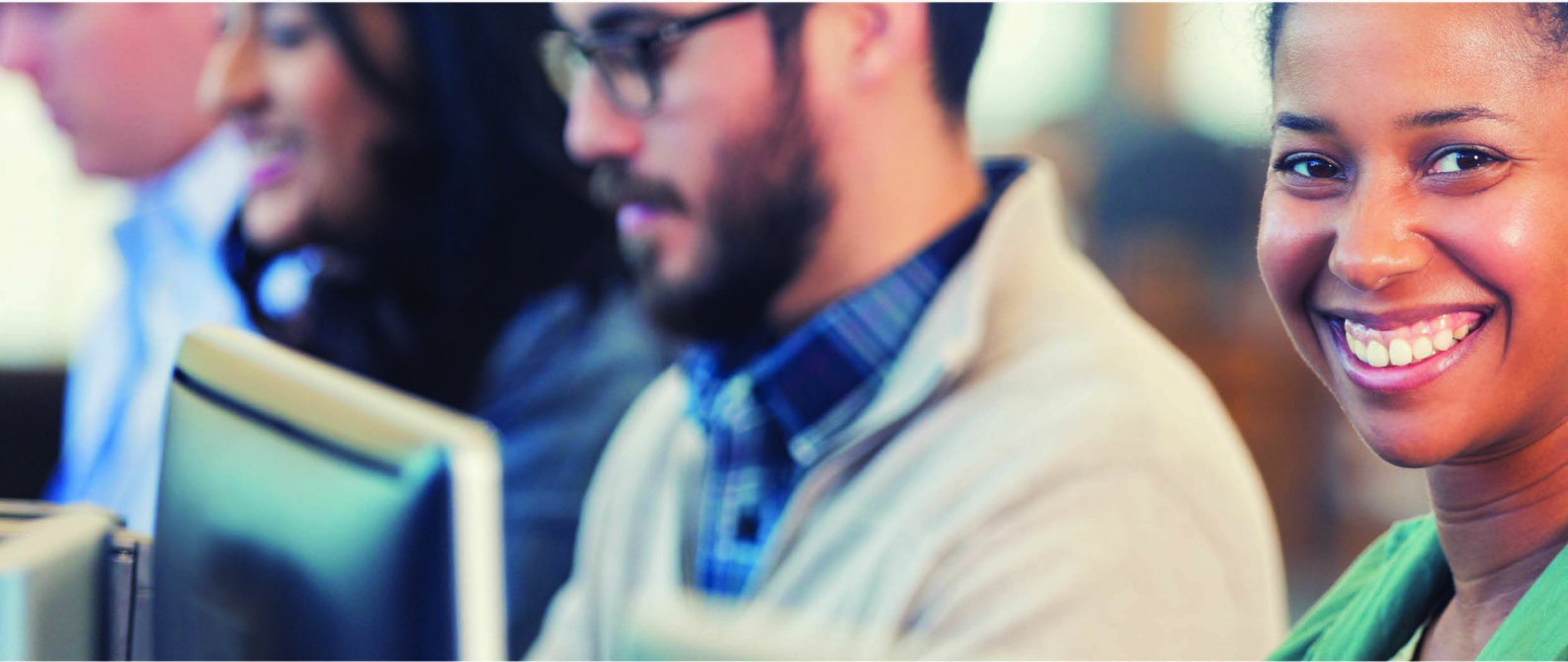
As a responsible corporate citizen, we are committed to using environmentally conscious practices during the design and manufacture of our products. These environmental practices are designed to ensure that Molex is developing sustainability through environmental preservation activities.

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.

Copper Solutions PowerCat 6A Unshielded	7
Copper Solutions PowerCat 6A - Shielded	8
Copper Solutions PowerCat 6A Shielded IP67 Connectivity Solution	11
Copper Solutions PowerCat 6A Antimicrobial	12
Copper Solutions PowerCat 6 Unshielded	13
Copper Solutions PowerCat 5e Unshielded	17
Unloaded Patch Panels	20
Fiber Optic Solution Lightband Cable	25
Fiber Optic Solution Lightband Patch Cords	30
Fiber Optic Solution Lightband Enclosures	31
Fiber Optic Solution Lightband Rack Mount Solutions	33
Fiber Optic Solution Lightband Adapter Plates	35
Fiber Optic Solution Lightband Adapters	37
Fiber Optic Solution Lightband Splicing	38
Fiber Optic Solution Lightband Field Terminable Connectors	40
Fiber Optic Solution Molex Jetted Fiber Cable	42
Fiber Optic Solution Molex Jetted Fiber Microduct	44
Fiber Optic Solution Molex Jetted Fiber Accessories	46
Pre-Terminated Solutions ModLink Fiber Plug and Play	50
Fiber Optic Solution Lightband Passive Optical Networks	62
Zone Enclosures	69
Cable Management Solutions	72
Outlet Configuration Solutions	75
Media Outlet Solutions	79
Tools and Testers	82

Reliable product performance >

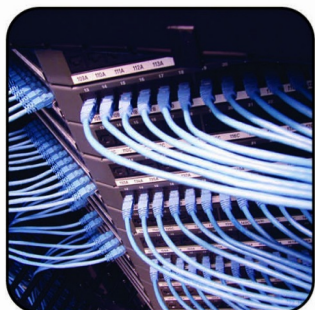


Copper based cabling technology continues to evolve to meet changing requirements. Cat 6A offers a fast transmission speed with less crosstalk and is effective at longer distances. This superior level of performance is ideal for organizations looking to create a robust, future-ready infrastructure.

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

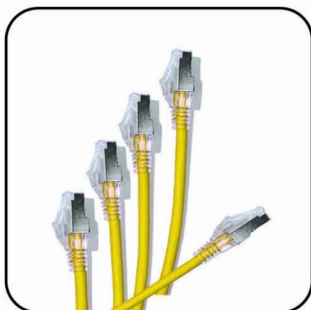


Copper Solutions



Reliable and Cost Effective

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



Power over Ethernet

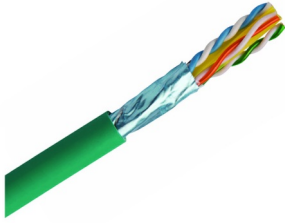
Power-over-Ethernet provides a convenient and cost-effective approach to deliver both power and data connectivity over a single connection, integrating multiple devices and sensors into one network.



Comprehensive Solution

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

Copper Solutions PowerCat 6A Unshielded

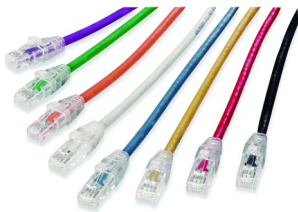


PowerCat 6A UTP CMP/CMR Cable

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 0.275" (Plenum) 0.25" (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 the pairs for AXT protection
- Low outside diameter of 0.275" (Riser) and 0.25" (Plenum) 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	1810000038	PowerCat 6A UTP Plenum, 1000ft Reel, White
CAA-00449P-04	1810000039	PowerCat 6A UTP Plenum, 1000ft Reel, Black
CAA-00449P-08	1810000040	PowerCat 6A UTP Plenum, 1000ft Reel, Gray
CAA-00449P-ON	1810000041	PowerCat 6A UTP Plenum, 1000ft Reel, Orange
CAA-00449P-BL	1810000042	PowerCat 6A UTP Plenum, 1000ft Reel, Blue
CAA-00449P-GR	1810000043	PowerCat 6A UTP Plenum, 1000ft Reel, Green
CAA-00449P-YL	1810000044	PowerCat 6A UTP Plenum, 1000ft Reel, Yellow
Riser		
CAA-00450R-02	1810000045	PowerCat 6A UTP Riser, 1000ft, White
CAA-00450R-04	1810000046	PowerCat 6A UTP Riser, 1000ft, Black
CAA-00450R-08	1810000047	PowerCat 6A UTP Riser, 1000ft, Gray
CAA-00450R-ON	1810000048	PowerCat 6A UTP Riser, 1000ft, Orange
CAA-00450R-BL	1810000049	PowerCat 6A UTP Riser, 1000ft, Blue
CAA-00450R-GR	1810000050	PowerCat 6A UTP Riser, 1000ft, Green
CAA-00450R-YL	1810000051	PowerCat 6A UTP Riser, 1000ft, Yellow



PowerCat 6A UTP Patch Cord

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

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

Order No.	SAP No.	Description
PCD-09003-**	Consult Molex	PowerCat 6A UTP Patch Cord PVC 0.9m (3ft)
PCD-09005-**	Consult Molex	PowerCat 6A UTP Patch Cord PVC 1.5m (5ft)
PCD-09007-**	Consult Molex	PowerCat 6A UTP Patch Cord PVC 2.1m (7ft)
PCD-09010-**	Consult Molex	PowerCat 6A UTP Patch Cord PVC 3m (10ft)
PCD-09015-**	Consult Molex	PowerCat 6A UTP Patch Cord PVC 4.5m (15ft)
PCD-09025-**	Consult Molex	PowerCat 6A UTP Patch Cord PVC 7.6m (25ft)

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

Copper Solutions PowerCat 6A - Shielded

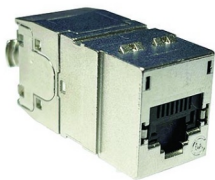


PowerCat 6A Shielded Cable

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	183020005	PowerCat6A F/UTP 4 Pair Cable, Plenum, 1000 ft Reel - White
CAA-0320P-08	183020003	PowerCat6A F/UTP 4 Pair Cable, Plenum, 1000 ft Reel - Gray
CAA-0320P-BL	183020004	PowerCat6A F/UTP 4 Pair Cable, Plenum, 1000 ft Reel - Blue
CAA-0320R-02	183020008	PowerCat6A F/UTP 4 Pair Cable, Riser, 1000 ft Reel - White
CAA-0320R-08	183020006	PowerCat6A F/UTP 4 Pair Cable, Riser, 1000 ft Reel - Gray
CAA-0320R-BL	183020007	PowerCat6A F/UTP 4 Pair Cable, Riser, 1000 ft Reel - Blue



PowerCat 6A DataGate Shielded Straight and Side Entry Jack

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

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

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

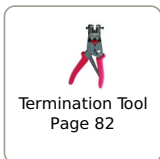
** Color options: 01 - Almond, 02 - White, 04 - Black, 05 - Ivory, 08 - Gray, BL - Blue, GR - Green, RG - Orange, PP - Purple, RD - Red, YL - Yellow ** Please note: While termination of the jack is possible with the 110 punch-down tool, tight tolerances within the outlet design could result in an unintentional 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.

PowerCat 6A Field Termination Plug

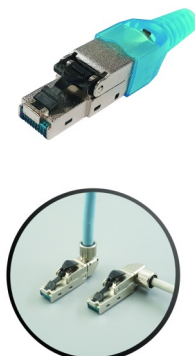
Molex's Category 6A field terminable plug is designed to support 10 Gigabit networks and can be easily terminated using parallel jaw pliers. Termination is accomplished by placing the conductors into the proper wire slots in the wire cap. Placing the wire cap onto the plug, using pliers to squeeze the 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

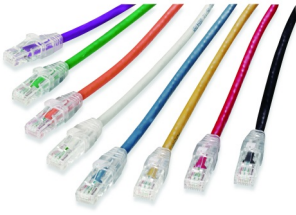
Order No.	SAP No.	Description
KSP-00001	183010086	Category 6A Field Termination Plug
KSP-00002	180190012	Category 6A Field Termination Plug, STP, Right Angle



Termination Tool
Page 82



Copper Solutions PowerCat 6A - Shielded



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-slug slim strain relief slip on boots.

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



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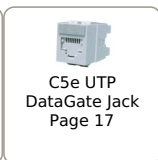
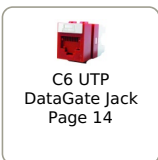
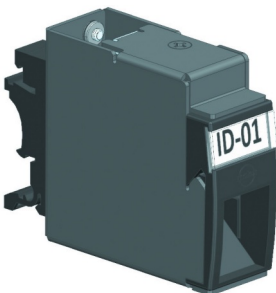
** Color Options - 01 = Almond, 02 = White, 05 = Ivory, 08 = Light Gray, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple. All colors may be subject to availability and variable pricing.

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



Copper Solutions PowerCat 6A - Shielded



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

Copper Solutions PowerCat 6A Shielded IP67 Connectivity Solution



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

Copper Solutions PowerCat 6A Antimicrobial



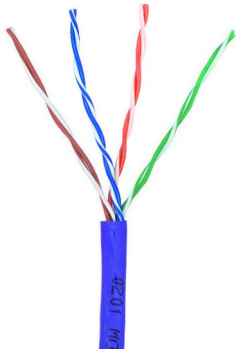
Antimicrobial Wallplates and Patch Cords

Molex Medical Grade products have been created by incorporating an antibacterial agent (biocide), protecting the product from discoloration and odor. Molex Medical Grade products have been independently tested and comply with ISO 22196:2011. They form a part of an effective sanitization protocol are not intended as replacement.

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

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

Copper Solutions PowerCat 6 Unshielded



PowerCat 6 U/UTP Cable

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

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

Order No.	SAP No.	Description
Plenum		
CAA-0195P-BL	181740023	PowerCat 6 U/UTP 4 Pair Cable, CMP Plenum, PVC Alloy, 1000ft Reel in a box - Blue
CAA-0195P-02	181740024	PowerCat 6 U/UTP 4 Pair Cable, CMP Plenum, PVC Alloy, 1000ft Reel in a box - White
CAA-0195P-08	181740025	PowerCat 6 U/UTP 4 Pair Cable, CMP Plenum, PVC Alloy, 1000ft Reel in a box - Light Gray
CAA-0195P-GR	181740031	PowerCat 6 U/UTP 4 Pair Cable, CMP Plenum, PVC Alloy, 1000ft Reel in a box - Green
CAA-0195P-YL	181740030	PowerCat 6 U/UTP 4 Pair Cable, CMP Plenum, PVC Alloy, 1000ft Reel in a box - Yellow
CAA0195P-3KBL	181740029	PowerCat 6 U/UTP 4 Pair Cable, CMP Plenum, PVC Alloy, 3000ft Reel - Blue
Riser		
CAA-0195R-BL	181740026	PowerCat 6 U/UTP Cable, 4 Pair, CMR Riser, PVC, 1000ft Reel in a box - Blue
CAA-0195R-02	181740027	PowerCat 6 U/UTP Cable, 4 Pair, CMR Riser, PVC, 1000ft Reel in a box - White
CAA-0195R-08	181740028	PowerCat 6 U/UTP Cable, 4 Pair, CMR Riser, PVC, 1000ft Reel in a box - Gray
CAA-0195R-GR	181740034	PowerCat 6 U/UTP Cable, 4 Pair, CMR Riser, PVC, 1000ft Reel in a box - Green
CAA-0195R-YL	181740033	PowerCat 6 U/UTP Cable, 4 Pair, CMR Riser, PVC, 1000ft Reel in a box - Yellow



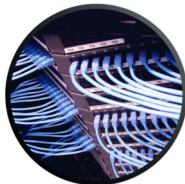
PowerCat 6 Patch Panels, Loaded

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	182090036	PowerCat 6 24 Port Loaded Patch Panel, RJ45 568A/B UTP - 1U - Graphite
PID-00142	182090037	PowerCat 6 48 Port Patch Loaded Panel, RJ45 568A/B UTP - 2U - Graphite
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)

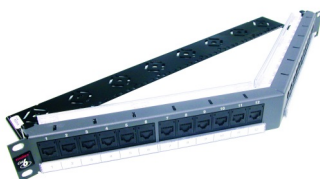
**Color Options - 01 = Almond, 02 = White, 04 = Black, 05 = Ivory, 08 = Light Gray, RD = Red, BL = Blue, GR = Green, YL = Yellow, RG = Orange, PP = Purple



PowerCat 6 Angled Patch Panels

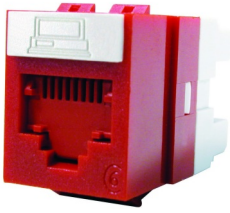
Angled Patch Panels are ideal for installations of high density or which utilize extensive side and end-of-the-rack cable management. The angled feature provides enhanced port access and minimizes patch cord bend radius to the rack. Each port features a patented spring-loaded shutter and can be color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

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



Order No.	SAP No.	Description
PID-00156	182090038	PowerCat 6 24 Port Angled Patch Panel RJ45 568A/B UTP - 1U
PID-00157	182090039	PowerCat 6 48 Port Angled Patch Panel RJ45 568A/B UTP - 2U


Copper Solutions PowerCat 6 Unshielded




PowerCat 6 UTP DataGate Jack

The DataGate Jack is the cornerstone of the Molex CES PowerCat 6 System performance. This jack features a unique spring-loaded shutter that not only protects it from dust and contaminants, but the ingenious spring-loaded design also ejects improperly seated patch cords. The product is dual color coded for either 568A or 568B wiring schedules and is backwards compatible with C5e systems.

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



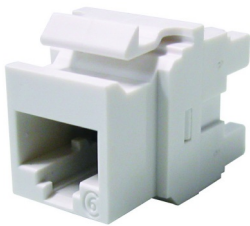
Termination Tool
Page 82



Unloaded DataGate Panels
Page 21

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

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



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.

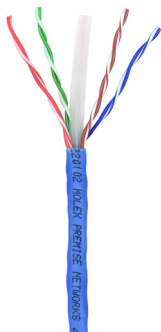
- Dual color coding allows 568A/B wiring
- Patented IDC V-Shaped contacts that flex not fatigue when terminated
- Features pointed IDC towers to speed termination and enhance cable retention
- RJ11 & RJ12 compatible
- Molded category identification on jack face



4-Pair Termination Tool
Page 82

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

** 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 6 500 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
CAA-0181P-02	181700030	PowerCat 6 500 Plenum Cable 1000ft Box - White
CAA-0181P-08	181700028	PowerCat 6 500 Plenum Cable 1000ft Box - Gray
CAA-0181P-BL	181700031	PowerCat 6 500 Plenum Cable 1000ft Box - Blue
CAA-0181R-08	181700023	PowerCat 6 500 Riser Cable 1000ft Box - Gray
CAA-0181R-BL	181700024	PowerCat 6 500 Riser Cable 1000ft Box - Blue
CAA-0181R-02	181700025	PowerCat 6 500 Riser Cable 1000ft Box - White

Copper Solutions PowerCat 6 Unshielded



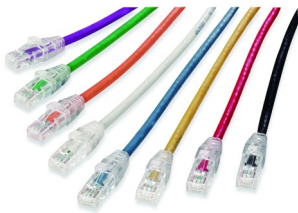
PowerCat 6 Slim 28 AWG PVC Patch Cords

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

Order No.	SAP No.	Description
PCD-0240Z-**	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 0.3m (0.9ft)
PCD-0240A-**	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 0.5m (1.6ft)
PCD-02401-**	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 1m (3ft)
PCD-0240B-**	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 1.5m (4.9ft)
PCD-02402-**	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 2m (6.5ft)
PCD-02403-**	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 3m (9.8ft)
PCD-02405-**	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 5m (16ft)
PCD-02410-**	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 10m (32ft)

For installation guidance, see consult Molex Technical Services. ** Color Options - 0E = Gray, 0H=Blue. Other colors may be available on request, please consult Molex.



PowerCat 6 U/UTP PVC Patch Cords

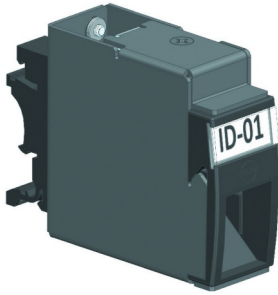
Molex PowerCat 6 U/UTP Patch Cords are key components of PowerCat 6 U/UTP End-to-End Solution and are designed to support data networks for 10/100BASE-T and 1000BASE-T applications. The patch cable is made from high quality four pair 24 AWG stranded copper wire. Available in a range of colors and lengths, 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-02044-**	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 5m (16ft)
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

Copper Solutions PowerCat 6 Unshielded



DIN Rail Mountable DataGate Jack Adapter

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

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

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



C6 UTP
DataGate Jack
Page 14

C5e UTP
DataGate Jack
Page 17



DIN Rail Fiber
Enclosure
Page 34



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

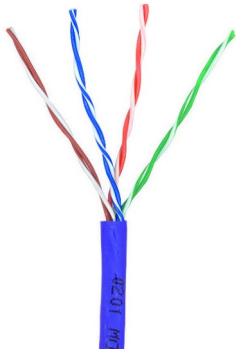
Order No.	SAP No.	Description
OSB-00001-02	181350007	1 Port Keystone Surface Mount Box - White



Keystone Jack
C6A UTP
Page 20

Keystone Jack
C6 UTP
Page 14

Copper Solutions PowerCat 5e Unshielded



PowerCat 5e U/UTP Cable

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

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

Order No.	SAP No.	Description
CAA-0184P-02	181700047	PowerCat 5e 4 Pair Cable, Plenum, 1000 ft Box - White
CAA-0184P-08	181700048	PowerCat 5e 4 Pair Cable, Plenum, 1000 ft Box - Light Gray
CAA-0184P-BL	181700046	PowerCat 5e 4 Pair Cable, Plenum, 1000 ft Box - Blue
CAA-0184R-02	181700044	PowerCat 5e 4 Pair Cable, Riser, 1000 ft Box - White
CAA-0184R-08	181700045	PowerCat 5e 4 Pair Cable, Riser, 1000 ft Box - Light Gray
CAA-0184R-BL	181700043	PowerCat 5e 4 Pair Cable, Riser, 1000 ft Box - Blue



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	181060023	PowerCat 5e 24 Port DataGate Patch Panel RJ45 568A/B UTP - 1U
PID-00175	181060024	PowerCat 5e 48 Port DataGate Patch Panel RJ45 568A/B UTP - 2U
Accessories		
CSP-00021-**-**	Consult Molex	Blank Connector Icon Labels 6-Pack (Bag of 10)
CSP-00022-**-**	Consult Molex	Data Connector Icon Labels 6-Pack (Bag of 10)
CSP-00023-**-**	Consult Molex	Voice Connector Icon Labels 6-Pack (Bag of 10)

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



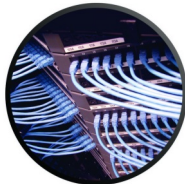
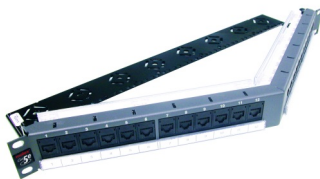
PowerCat Angled Patch Panels

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

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

Order No.	SAP No.	Description
PID-00154	181060021	PowerCat 5e 24 Port Angled Patch Panel RJ45 568A/B UTP - 1U
PID-00155	181060022	PowerCat 5e 48 Port Angled Patch Panel RJ45 568A/B UTP - 2U
Accessories		
CSP-00021-**-**	Consult Molex	Blank Connector Icon Labels 6-Pack (Bag of 10)
CSP-00022-**-**	Consult Molex	Data Connector Icon Labels 6-Pack (Bag of 10)
CSP-00023-**-**	Consult Molex	Voice Connector Icon Labels 6-Pack (Bag of 10)

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



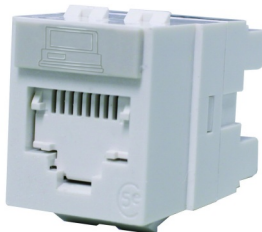
PowerCat DataGate Jacks

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

- Integral 'spring-loaded' shutter that prevents incomplete mating
- IDC contacts that flex not fatigue when terminated
- Pointed IDC towers to speed termination and enhance cable retention
- 568A/B wiring configuration
- Allows rear and side entry cable termination
- Designed for use with Molex's Synergy, Streamline & USO II system of wallplates and surface blocks Compatible with Molex Unloaded DataGate Patch Panels

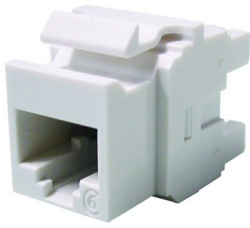
Order No.	SAP No.	Description
KSJ-00024-**-**	Consult Molex	PowerCat 5e DataGate Jack, 568A/B - Shuttered

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



DataGate Patch Panels
Page 21

Copper Solutions PowerCat 5e Unshielded



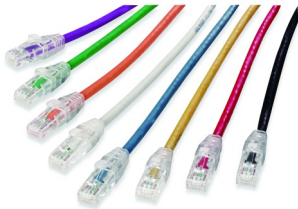
PowerCat 5e UTP Keystone Jack

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

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

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

** 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.



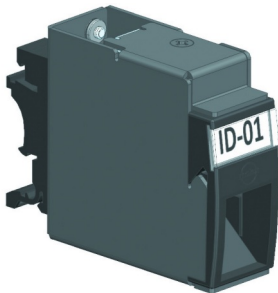
PowerCat 5e Patch Cords Unshielded - PVC

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-slug slim strain relief slip on boots.

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

Order No.	SAP No.	Description
PCD-01040-**	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 0.5m (1.6ft)
PCD-01041-**	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 1m (3.2ft)
PCD-01047-**	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 1.5m (4.9ft)
PCD-01042-**	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 2m (6.5ft)
PCD-01043-**	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 3m (9.8ft)
PCD-01044-**	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC - 5m
PCD-01045-**	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 5m (16ft)
PCD-01046-**	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 10m (32ft)

Insert color code in place of **: 0C=Red, 0E=Gray, 0H=Blue, 0J=Green, 0K=Yellow, 0W=White, 0P=Purple, 0N=Orange, BK=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



C6 UTP
DataGate Jack
Page 14



C5e UTP
DataGate Jack
Page 17



DIN Rail Fiber
Enclosure
Page 34

Copper Solutions PowerCat 5e Unshielded



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

Unloaded Patch Panels



Keystone Jack
Page 14

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

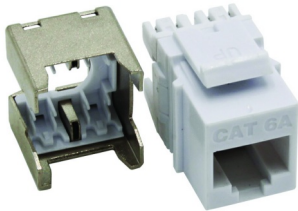
Order No.	SAP No.	Description
PID-00257	182960026	24 Port Keystone Jack Patch Panel 1U Unloaded - US Imperial fixing kit
PID-00289	182960028	48 Port Keystone Jack Patch Panel 2U Unloaded - US Imperial fixing kit
KSJ-00064.**	Consult Molex	Keystone Blank
CSP-00039	181170026	Spare Fixing Kit for PID-00257 or PID-00289 includes both Metric and Imperial Fittings

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

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



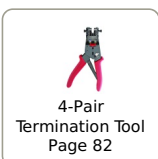
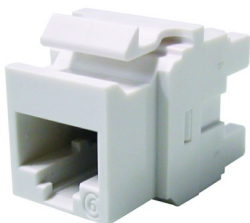
4 Pair
Termination Tool
Page 82

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

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

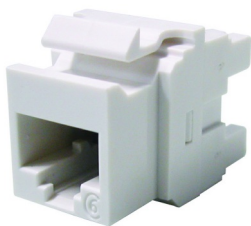


4-Pair
Termination Tool
Page 82

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

** 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.

Unloaded Patch Panels



PowerCat 5e UTP Keystone Jack

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

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

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

** 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 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
- Fixing kit included
- Grounding screws included

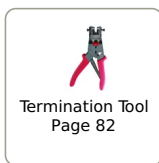
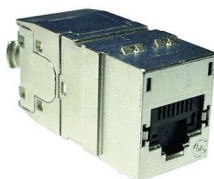
Order No.	SAP No.	Description
PID-00258	180810072	PowerCat 24 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 1U - Black
PID-00258-02	180810067	PowerCat 24 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 1U - White
PID-00259	180810073	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U - Black
PID-00259-02	180810068	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U - White
PID-00260	180810074	PowerCat 48 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 2U - Black
PID-00260-02	180810069	PowerCat 48 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 2U - White
PID-00261	180810075	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U - Black
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

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.

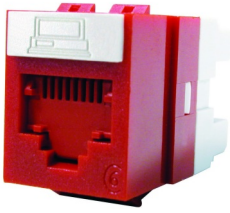
- Robust die cast zinc alloy housing
- 360°Shielded
- Accommodates flexible cable routing by allowing 90 ° or 180 ° cable entry
- Dual Color coding allows 568A/B wiring
- Patented IDC (insulation displacement contact) V-shaped contacts that flex not fatigue when terminated
- Spring-Loaded Shutter
- Accepts 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 ** 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.

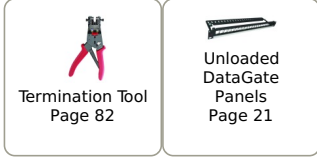
Unloaded Patch Panels



PowerCat 6 UTP DataGate Jack

The DataGate Jack is the cornerstone of the Molex CES PowerCat 6 System performance. This jack features a unique spring-loaded shutter that not only protects it from dust and contaminants, but the ingenious spring-loaded design also ejects improperly seated patch cords. The product is dual color coded for either 568A or 568B wiring schedules and is backwards compatible with C5e systems.

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

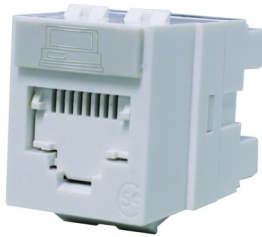


Termination Tool
Page 82

Unloaded
DataGate
Panels
Page 21

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

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



PowerCat DataGate Jacks

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

- Integral 'spring-loaded' shutter that prevents incomplete mating
- IDC contacts that flex not fatigue when terminated
- Pointed IDC towers to speed termination and enhance cable retention
- 568A/B wiring configuration
- Allows rear and side entry cable termination
- Designed for use with Molex's Synergy, Streamline & USO II system of wallplates and surface blocks Compatible with Molex Unloaded DataGate Patch Panels



DataGate Patch
Panels
Page 21

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

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

Tomorrow's innovations >

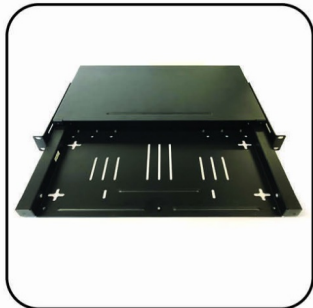


Optical fiber is an integral medium for structured cabling systems. Its bandwidth capabilities, resistance to interference and its ability to be run long distances have made it the ideal choice for facility or campus backbones.

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



Fiber Optic Solutions



Tailored for Every Application

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



Designed for Exceptional Performance

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



Future-Ready Network Infrastructure

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

Fiber Optic Solution Lightband Cable



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

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

Fiber Optic Solution Lightband Cable



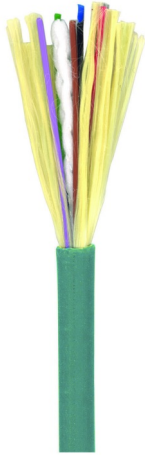
Inter-Locking Armored Indoor Tight Buffered Sheath

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		
AFOXRO04OM1	180580775	4 Fiber, Inter-Locking Fiber Cable, OFNR - OM1
AFOXRO06OM1	180580340	6 Fiber, Inter-Locking Fiber Cable, OFNR - OM1
AFOXRO08OM1	180580776	8 Fiber, Inter-Locking Fiber Cable, OFNR - OM1
AFOXRO12OM1	180580343	12 Fiber, Inter-Locking Fiber Cable, OFNR - OM1
AFOXRO24OM1	180580346	24 Fiber, Inter-Locking Fiber Cable, OFNR - OM1
OFNR: OM2		
AFOXRO06OM2	180580778	6 Fiber, Inter-Locking Fiber Cable, OFNR - OM2
AFOXRO08OM2	180580779	8 Fiber, Inter-Locking Fiber Cable, OFNR - OM2
AFOXRO12OM2	180580780	12 Fiber, Inter-Locking Fiber Cable, OFNR - OM2
AFOXRO24OM2	180580781	24 Fiber, Inter-Locking Fiber Cable, OFNR - OM2
OFNR: OM3		
AFOXRO06OM3	180580341	6 Fiber, Inter-Locking Fiber Cable, OFNR - OM3
AFOXRO08OM3	180580783	8 Fiber, Inter-Locking Fiber Cable, OFNR - OM3
AFOXRO12OM3	180580344	12 Fiber, Inter-Locking Fiber Cable, OFNR - OM3
AFOXRO24OM3	180580347	24 Fiber, Inter-Locking Fiber Cable, OFNR - OM3
AFOXRO48OM3	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNR - OM3
OFNR: OM4		
AFOXRO06OM4	180580382	6 Fiber, Inter-Locking Fiber Cable, OFNR - OM4
AFOXRO08OM4	180580383	8 Fiber, Inter-Locking Fiber Cable, OFNR - OM4
AFOXRO12OM4	180580384	12 Fiber, Inter-Locking Fiber Cable, OFNR - OM4
AFOXRO24OM4	180580385	24 Fiber, Inter-Locking Fiber Cable, OFNR - OM4
AFOXRO48OM4	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNR - OM4
OFNR: OS2		
AFOXRO06OS2	180580377	6 Fiber, Inter-Locking Fiber Cable, OFNR - OS2
AFOXRO08OS2	180580378	8 Fiber, Inter-Locking Fiber Cable, OFNR - OS2
AFOXRO12OS2	180580379	12 Fiber, Inter-Locking Fiber Cable, OFNR - OS2
AFOXRO24OS2	180580380	24 Fiber, Inter-Locking Fiber Cable, OFNR - OS2
AFOXRO48OS2	180580281	48 Fiber, Inter-Locking Fiber Cable, OFNR - OS2
OFNP: OM1		
AFOXPO06OM1	Consult Molex	6 Fiber, Inter-Locking Fiber Cable, OFNP - OM1
AFOXPO12OM1	Consult Molex	12 Fiber, Inter-Locking Fiber Cable, OFNP - OM1
AFOXPO24OM1	Consult Molex	24 Fiber, Inter-Locking Fiber Cable, OFNP - OM1
AFOXPO48OM1	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNP - OM1
OFNP: OM3		
AFOXPO06OM3	180580653	6 Fiber, Inter-Locking Fiber Cable, OFNP - OM3
AFOXPO12OM3	180580282	12 Fiber, Inter-Locking Fiber Cable, OFNP - OM3
AFOXPO24OM3	180580363	24 Fiber, Inter-Locking Fiber Cable, OFNP - OM3
AFOXPO48OM3	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNP - OM3
OFNP: OM4		
AFOXPO06OM4	180580673	6 Fiber, Inter-Locking Fiber Cable, OFNP - OM4
AFOXPO12OM4	Consult Molex	12 Fiber, Inter-Locking Fiber Cable, OFNP - OM4
AFOXPO24OM4	Consult Molex	24 Fiber, Inter-Locking Fiber Cable, OFNP - OM4
AFOXPO48OM4	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNP - OM4
OFNP: OS2		
AFOXPO06OS2	180580361	6 Fiber, Inter-Locking Fiber Cable, OFNP - OS2
AFOXPO12OS2	180580364	12 Fiber, Inter-Locking Fiber Cable, OFNP - OS2
AFOXPO24OS2	180580418	24 Fiber, Inter-Locking Fiber Cable, OFNP - OS2
AFOXPO48OS2	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNP - OS2

Fiber Optic Solution Lightband Cable



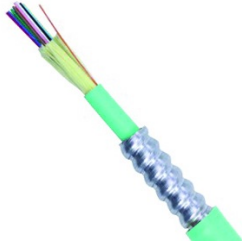
Fiber Cable - Indoor/Outdoor Loose Tube Cable

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 - Yellow: OM1		
AFOIR006OM1	Consult Molex	6 Fiber, Armored Cable, Non-Plenum - OM1 - Yellow
AFOIR008OM1	Consult Molex	8 Fiber, Armored Cable, Non-Plenum - OM1 - Yellow
AFOIR012OM1	Consult Molex	12 Fiber, Armored Cable, Non-Plenum - OM1 - Yellow
AFOIR024OM1	Consult Molex	24 Fiber, Armored Cable, Non-Plenum - OM1 - Yellow
AFOIR048OM1	Consult Molex	48 Fiber, Armored Cable, Non-Plenum - OM1 - Yellow
Non-Plenum - Aqua: OM3		
AFOIR006OM3	180580300	6 Fiber, Armored Cable, Non-Plenum - OM3 - Aqua
AFOIR008OM3	180580333	8 Fiber, Armored Cable, Non-Plenum - OM3 - Aqua
AFOIR012OM3	180580304	12 Fiber, Armored Cable, Non-Plenum - OM3 - Aqua
AFOIR024OM3	180580210	24 Fiber, Armored Cable, Non-Plenum - OM3 - Aqua
AFOIR048OM3	180580212	48 Fiber, Armored Cable, Non-Plenum - OM3 - Aqua
Non-Plenum - Aqua/Erika Violet: OM4		
AFOIR006OM4	Consult Molex	6 Fiber, Armored Cable, Non-Plenum - OM4 - Aqua/Erika Violet
AFOIR008OM4	Consult Molex	8 Fiber, Armored Cable, Non-Plenum - OM4 - Aqua/Erika Violet
AFOIR012OM4	Consult Molex	12 Fiber, Armored Cable, Non-Plenum - OM4 - Aqua/Erika Violet
AFOIR024OM4	Consult Molex	24 Fiber, Armored Cable, Non-Plenum - OM4 - Aqua/Erika Violet
AFOIR048OM4	Consult Molex	48 Fiber, Armored Cable, Non-Plenum - OM4 - Aqua/Erika Violet
AFOIR096OM4	180580576	96 Fiber, Armored Cable, Non-Plenum - OM4 - Aqua/Erika Violet
Non-Plenum - Lime Green: OM5		
AFOIR006OM5	Consult Molex	6 Fiber, Armored Cable, Non-Plenum - OM5 - Lime Green
AFOIR008OM5	Consult Molex	8 Fiber, Armored Cable, Non-Plenum - OM5 - Lime Green
AFOIR012OM5	Consult Molex	12 Fiber, Armored Cable, Non-Plenum - OM5 - Lime Green
AFOIR024OM5	Consult Molex	24 Fiber, Armored Cable, Non-Plenum - OM5 - Lime Green
Non-Plenum - Yellow: OS2		
AFOIR006OS2	180570010	6 Fiber, Armored Cable, Non-Plenum, Non-Plenum - OS2 - Yellow
AFOIR012OS2	180580227	8 Fiber, Armored Cable, Non-Plenum - OS2 - Yellow
AFOIR024OS2	180580228	12 Fiber, Armored Cable, Non-Plenum - OS2 - Yellow
AFOIR048OS2	180580230	24 Fiber, Armored Cable, Non-Plenum - OS2 - Yellow
Plenum - Black: OM1		
AFOIP006OM1	Consult Molex	6 Fiber, Armored Cable, Plenum - OM1 - Black
AFOIP012OM1	Consult Molex	12 Fiber, Armored Cable, Plenum - OM1 - Black
AFOIP024OM1	Consult Molex	24 Fiber, Armored Cable, Plenum - OM1 - Black
AFOIP048OM1	Consult Molex	48 Fiber, Armored Cable, Plenum - OM1 - Black
Plenum - Aqua: OM3		
AFOIP006OM3	180580235	6 Fiber, Armored Cable, Plenum - OM3 - Aqua
AFOIP012OM3	180580218	12 Fiber, Armored Cable, Plenum - OM3 - Aqua
AFOIP024OM3	180580219	24 Fiber, Armored Cable, Plenum - OM3 - Aqua
AFOIP048OM3	180580221	48 Fiber, Armored Cable, Plenum - OM3 - Aqua
Plenum - Aqua: OM4		
AFOIP006OM4	180570282	6 Fiber, Armored Cable, Plenum - OM4 - Aqua
AFOIP012OM4	180580587	12 Fiber, Armored Cable, Plenum - OM4 - Aqua
AFOIP024OM4	180580588	24 Fiber, Armored Cable, Plenum - OM4 - Aqua
AFOIP048OM4	Consult Molex	48 Fiber, Armored Cable, Plenum - OM4 - Aqua
Plenum - Yellow: OS2		
AFOIP006OS2	180580188	6 Fiber, Armored Cable, Plenum - OS2 - Yellow
AFOIP012OS2	180580236	12 Fiber, Armored Cable, Plenum - OS2 - Yellow
AFOIP024OS2	180580237	24 Fiber, Armored Cable, Plenum - OS2 - Yellow
AFOIP048OS2	180580239	48 Fiber, Armored Cable, Plenum - OS2 - Yellow

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

Fiber Optic Solution Lightband Patch Cords

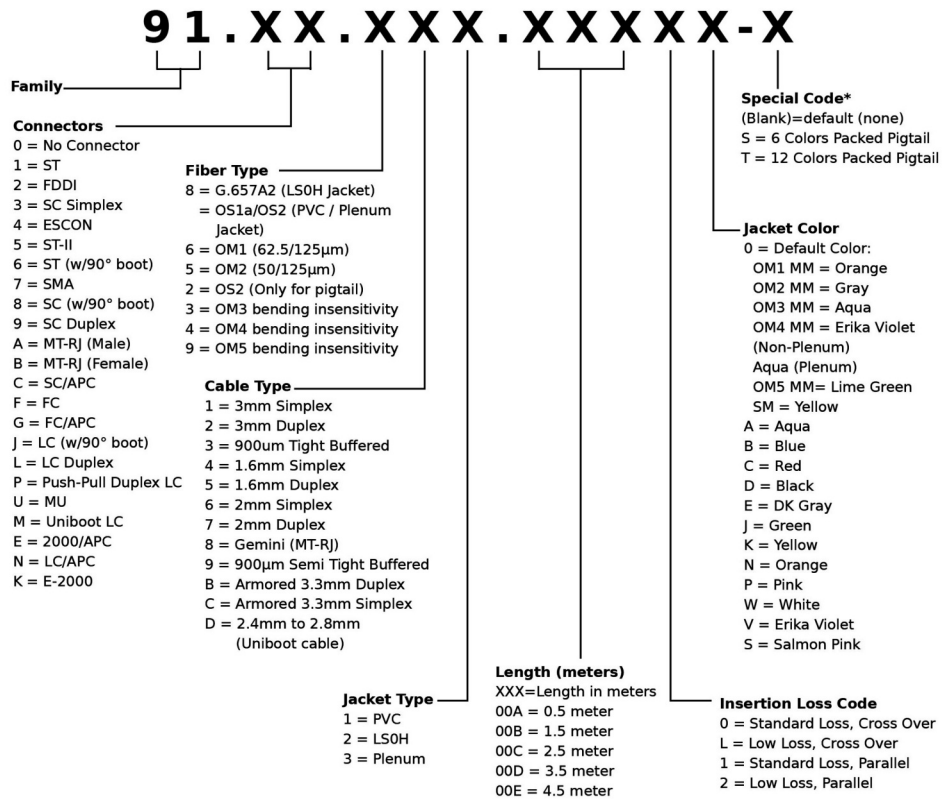


Fiber Optic Patch Cords

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 Pigtailed is available on Molex Customer Support Portal: csp.molex.com.

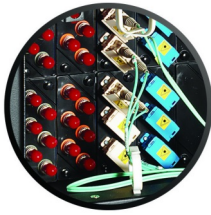
Part No. Matrix - Substitute the correct code number or letter to determine the assembly construction



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

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

Fiber Optic Solution Lightband Enclosures



Specification Grade Fiber Enclosures

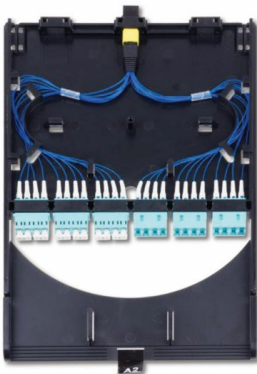
Specification Grade Fiber Optic Enclosures are configurable rack mount units used for storing and terminating incoming fiber cable. Designed to accommodate both the needs of the installer for the initial assembly and the end user for access, maintenance and fiber protection. Great care has gone into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

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

Order No.	SAP No.	Description
RFR-00201	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

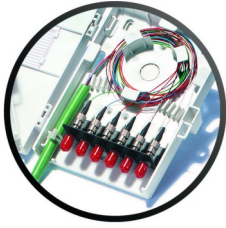
Molex High Density Fiber Enclosures are designed for high density applications such as Data Centers, SAN, medical healthcare, central offices or any other situation where high performing, high density and quick installation is required. The enclosure is available in 1RU 144 fiber capacity through LC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

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

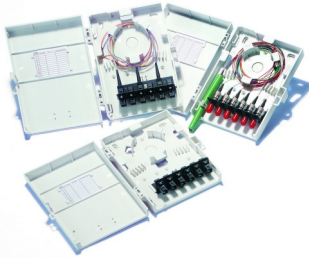
Fiber Optic Solution Lightband Enclosures



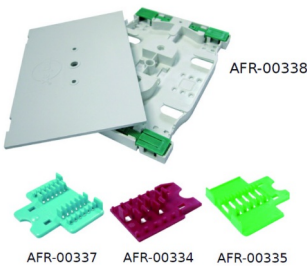
601 Fiber Enclosure

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-00033-02	180970078	12 Port LC 601 Enclosure, Unloaded



Universal Splice Trays & Fusion Splice Protectors

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

- Accepts mechanical and fusion splices
- Adjustable grips on each corner
- Prevents over-compression of the loose tube cable
- Accommodates up to 12 splices
- Fusion Splice Protectors are available in 45mm and 61mm lengths

Order No.	SAP No.	Description
AFR-00001	180600027	Universal Splicing Tray
AFR-00336	180690052	Universal Splice Tray - 24 Fibers
AFR-00338	180690054	Universal Splice Tray - Unloaded
AFR-00334	180690050	5 Fiber Mechanical Splice Holder
AFR-00335	180690051	6 Fiber Fusion Splice Holder
AFR-00337	180690053	12 Fiber Fusion Splice Holder
KFR-00052	Consult Molex	24 Fiber Fusion Splice Holder
KFR-00053	182680049	Self Adhesive Cable Management Hub (2 pcs/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.)



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

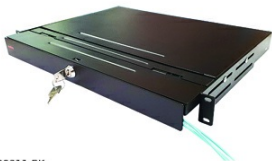


Order No.	SAP No.	Description
WFR-00047B	180080052	24-48 Port Standard Grade Fiber Wall Mount Enclosure
35.B0130	Consult Molex	Keyed Lock Kit

Fiber Optic Solution Lightband Rack Mount Solutions



RFR-00311-BK
Shown assembled with:
AFR-00618-AQ LC Quad Plate
AFR-00470 Splice Tray
KFR-00053 Cable Management Hub
AFR-00475 Kevlar Retention Post



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

1U Multi-Function Fiber Enclosure Gen II

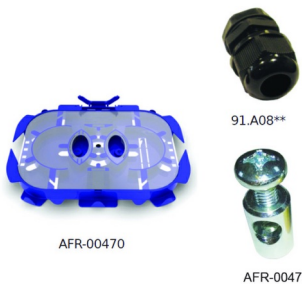
The 1U Multi-Function Fiber Enclosure is a configurable rack mount unit for storing and terminating incoming fiber cable. The fiber enclosure has been designed to accommodate various termination types and adapter configurations. The floor of the enclosure is constructed to allow maximum flexibility in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

- Accommodates up to 4 ModLink Quick Connect Cassettes
- 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, OL = Beige

1U Multi-Function Fiber Enclosure Accessories



AFR-00470

91.A08**

AFR-00475

Order No.	SAP No.	Description
AFR-00470	180600217	Universal Splice Tray, 24 Fiber with built in Cable Management, 1U Global Enclosure (Self Adhesive, 2 x 12F trays per pack)
AFR-00475	180600222	Kevlar Retention Post
91.A0860	Consult Molex	Gland 4-8mm M20
91.A0870	Consult Molex	Gland 6-12mm M20
91.A0880	Consult Molex	Gland 9-14mm M20
CSP-00030	Consult Molex	Fiber Adapter Screw (24 pack)

Fiber Optic Solution Lightband Rack Mount Solutions



DIN Rail Mountable Enclosure, Unloaded

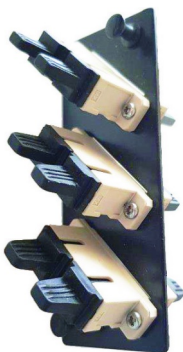
The DIN rail mountable enclosure provides an effective solution for control panels and distribution cabinets where DIN mounted equipment is used. Designed to accommodate copper, fiber and multi-media modules, the enclosure supports most industrial applications and protects the fiber bend radius in shallow 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

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 Singlemode Adapter Plate - Blue
AFR-00372	180600150	SC Duplex 6 Fiber Adapter Plate, Multimode, OM3 - Aqua
AFR-00673-LG	180600478	SC Duplex, 6 Fiber Adapter Plate, Multimode, OM5 - Lime Green



6 Fiber Shuttered Adapter Plates

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

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

Order No.	SAP No.	Description
AFR-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 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.

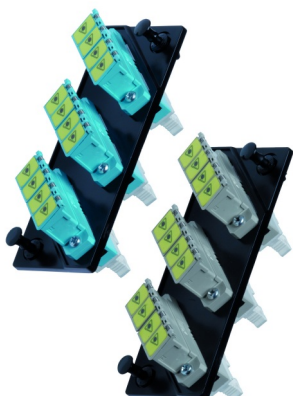
- Accommodates 12 fibers
- Available in Singlemode & Multimode versions
- For use within Molex's Fiber Management Systems

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-00679-LG	180600486	LC Duplex, 12 Fiber Adapter Plate OM5 - Lime Green
AFR-00368	180600146	SC Duplex 12 Fiber Adapter Plate, Singlemode - Blue
AFR-00374	180600152	SC Duplex 12 Fiber Adapter Plate, Multimode OM3 - Aqua
AFR-00501	180600247	SC Duplex 12 Fiber Adapter Plate, Multimode OM4 - Erika Violet
AFR-00678-LG	180600485	SC Duplex, 12 Fiber Adapter Plate, Multimode, OM5 Lime Green

12 Fiber Shuttered Adapter Plates

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

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



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

Fiber Optic Solution Lightband Adapter Plates



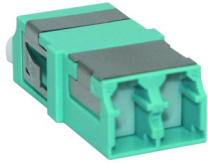
24 Fiber Adapter Plates

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-00377	180600155	LC Quad 24 Fiber Multimode OM1 Adapter Plate - Beige
AFR-00378	180600156	LC Quad 24 Fiber Multimode OM3 Adapter Plate - Aqua
AFR-00502	180600248	LC Quad 24 Fiber Multimode OM4 Adapter Plate - Erika Violet
AFR-00684-LG	180600491	LC Quad, 24 Fiber Multimode OM5 Adapter Plate - Lime Green
AFR-00379	180600157	LC Quad 24 Fiber Singlemode OS1a Adapter Plate - Blue

Fiber Optic Solution Lightband Adapters



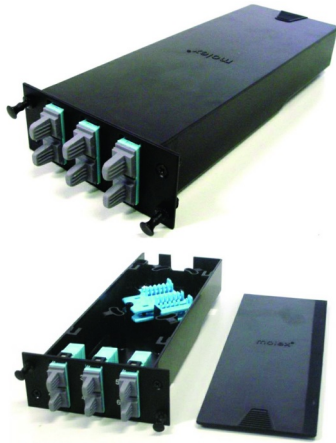
Internal Shuttered LC Adapter

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

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

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

Fiber Optic Solution Lightband Splicing



Multi-Function Enclosure Page 33

Specification Grade Enclosure Page 31

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	Consult Molex	6 Fiber Singlemode OS1a/OS2 ST
AFR-00382L	Consult Molex	6 Fiber Singlemode G.657a2 ST Low Loss
AFR-00340	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC Blue
AFR-00340L	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC Blue Low Loss
AFR-00710-GR	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC APC Green
AFR-00711-GR	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC APC Green Low Loss
6 Fiber Multimode		
AFR-00383	Consult Molex	6 Fiber Multimode OM1 ST
AFR-00384	Consult Molex	6 Fiber Multimode OM2 ST
AFR-00499	Consult Molex	6 Fiber Multimode OM3 BI ST
AFR-00499L	Consult Molex	6 Fiber Multimode OM3 BI ST Low Loss
AFR-00490	Consult Molex	6 Fiber Multimode OM4 BI ST
AFR-00490L	Consult Molex	6 Fiber Multimode OM4 BI ST Low Loss
AFR-00760	Consult Molex	6 Fiber Multimode OM5 BI ST
AFR-00761	Consult Molex	6 Fiber Multimode OM5 BI ST Low Loss
AFR-00341	Consult Molex	6 Fiber Multimode OM1 Duplex SC Beige
AFR-00342	Consult Molex	6 Fiber Multimode OM2 BI Duplex SC Beige
AFR-00343	Consult Molex	6 Fiber Multimode OM3 BI Duplex SC Aqua
AFR-00343L	Consult Molex	6 Fiber Multimode OM3 BI Duplex SC Aqua Low Loss
AFR-00486	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Erika Violet
AFR-00486L	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Erika Violet Low Loss
AFR-00503	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Aqua
AFR-00503L	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Aqua Low Loss
AFR-00712-LG	Consult Molex	6 Fiber Multimode OM5 BI Duplex SC Lime Green
AFR-00713-LG	Consult Molex	6 Fiber Multimode OM5 BI Duplex SC Lime Green Low Loss
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

Fiber Optic Solution Lightband Splicing

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

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 12 PC Connector Kit
AFR-00389	182620015	LC Multimode OM3 10g 250/900µm BF Aqua 12 PC Connector Kit
AFR-00390	182620016	LC Singlemode OS1a 250/900µm BF Blue 12 PC Connector Kit
AFR-00391	182620017	SC Multimode OM1 250/900µm BF Beige 12 PC Connector Kit
AFR-00393	182620019	SC Multimode OM3 10g 250/900µm BF Aqua 12 PC Connector Kit
AFR-00394	182620020	SC Singlemode OS1a 250/900µm BF Blue 12 PC Connector Kit
AFR-00395	182620021	SC/APC Singlemode OS1a 250/900µm BF APC Green 12 PC Connector Kit

Fast, flexible fiber deployment >

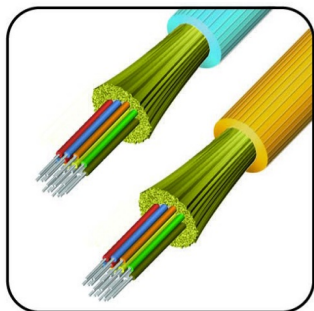


With changing technology, headcount and working practices, bandwidth requirements can increase at unpredictable rates. The challenge is to design a network with the flexibility to cope with changing requirements, but without incurring unnecessary costs.

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

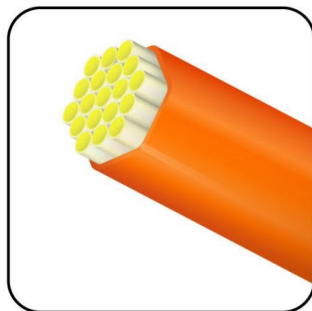


Molex Jetted Fiber



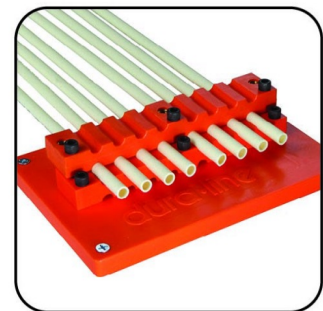
Jetted Fiber Cable

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

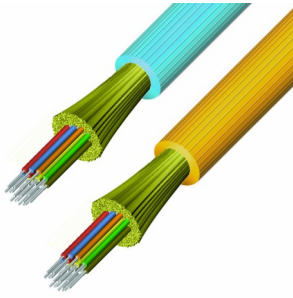
Available in many sizes and configurations to suit network installation needs. Configurations from a single MicroDuct to 24 MicroDucts will allow for rapid deployment of fiber today with permanent pathways in place for future growth.



Accessories

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

Fiber Optic Solution Molex Jetted Fiber Cable



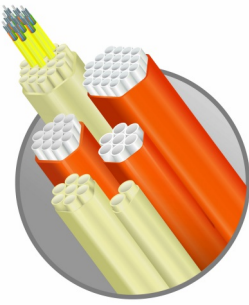
Jetted Fiber Cable

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 BIK JAC

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
- Supersilicone is co-extruded with the tough HDPE wall creating a permanent, super slippery interior lining. It has the lowest coefficient 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

Fiber Optic Solution Molex Jetted Fiber Microduct

Order No.	SAP No.	Description
MJF-110100-***	182640029	12-way Plenum Pathway - 8.5/6mm
MJF-104858-***	182640013	19-way Plenum Pathway - 8.5/6mm
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.

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 - Ratchet 1-1/2"
MJF-201803	182540014	Cutter - Ratchet 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		

Fiber Optic Solution Molex Jetted Fiber Accessories

Order No.	SAP No.	Description
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
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

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, OS1a and OS2 applications.



Pre-terminated Solutions



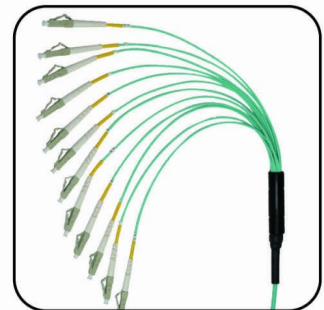
Easy Installation

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



Data Center Solutions

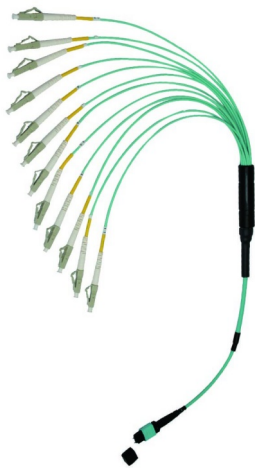
The design and implementation of cabling infrastructure is key for the operation and scalability of data centers, storage area networks (SANs) and server rooms. ModLink makes both deployment and reconfiguration quick and easy.



Signal Performance

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

Pre-Terminated Solutions ModLink Fiber Plug and Play



Hybrid Pre-Terminated Cable Assemblies

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

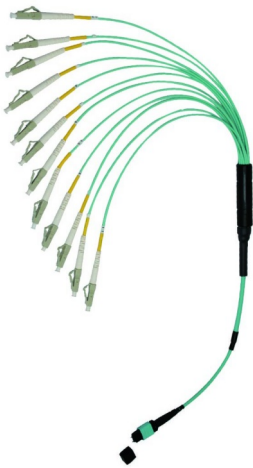
- Available in: Low Loss: OS1a/2, OM3/4/5
Standard Loss: OS1a/2, OM1/2/3/4/5
- 8-144 core count available with 8, 12 or 24 cores MTP connector
- 2mm ruggedized tails and 900µm tails available
- Customized Tail Length and Configuration options available
- LSOH and OFNP cable jacket
- Ideal for: Internal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

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



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

Pre-Terminated Solutions ModLink Fiber Plug and Play



MTP PRO-X Fiber Optic Cable Assembly

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

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

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

Hybrid OF MTP- X Cables

8-144 Core Count
MTP Side Connector
 P = 12 Fiber Low Loss Male
 Q = 12 Fiber Low Loss Female
 W = 8 Fiber Low Loss Male
 S = 8 Fiber Low Loss Female

Side Connector

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

Fiber Type

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

Tail length at MTP end/X end

0 = 0m*
 1 = 1m
 2 = 2m
 3 = 3m
 A = 4.5m
 B = 0.5m

Tail configuration at MTP end*/X end

0 = 900u Fan Unstaggered
 1 = 900u Fan Staggered 30mm
 2 = 900u Fan Staggered 50mm
 3 = 900u Fan Staggered 100mm
 4 = 900u Fan Staggered 150mm
 A = 2/3* mm Fan Unstaggered
 B = 2/3* mm Fan Staggered 30mm
 C = 2/3* mm Fan Staggered 50mm
 D = 2/3* mm Fan Staggered 100mm
 E = 2/3* mm Fan Staggered 150mm
 *: MTP pro end 3mm, Fanout end 2mm

Glands** and Pulling Eye

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

Sheath Type

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

Length (meters)

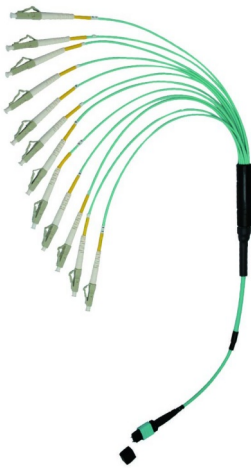
001 = 1m
 00A = 0.5m
 00B = 1.5m
 00C = 2.5m
 00D = 3.5m
 00E = 4.5m

Sheath Color

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

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

Pre-Terminated Solutions ModLink Fiber Plug and Play



MPO-X Fiber Optic Cable Assembly

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

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

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

<p>Hybrid OF MPO-X Cables</p> <p>8-144 Core Count</p> <p>MPO Side Connector</p> <p>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</p> <p>X Side Connector</p> <p>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</p>	<p>Fiber Type</p> <p>1 = OM1 2 = OM2 3 = OM3 4 = OM4 5 = OM5 8 = OS1a/2 9 = G.657A2</p> <p>Tail length at MPO end/X end</p> <p>0 = 0m* 1 = 1m 2 = 2m 3 = 3m A = 4.5m** B = 0.5m</p> <p>Tail configuration at MPO end/X end</p> <p>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</p>	<p>Length (meters)</p> <p>001 = 1m 00A = 0.5m 00B = 1.5m 00C = 2.5m 00D = 3.5m 00E = 4.5m</p> <p>Sheath Type</p> <p>A = LS0H B = Bca LS0H C = Cca LS0H D = Dca LS0H E = Eca LS0H F = Fca LS0H R = OFNR P = OFNP</p> <p>Sheath Color</p> <p>0 = Default Color: OM1 = Orange OM2 = Gray OM3 = Aqua OM4 = Erika Violet (LS0H) OM4 = Aqua(Plenum & PVC) OM5 = Lime Green OS1a/2 = Yellow</p> <p>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</p>
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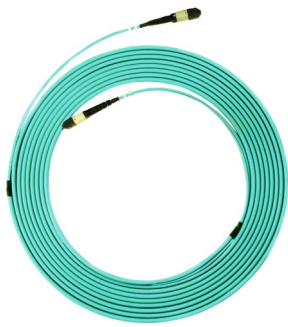
*: "0" only for MPO end with single MPO connector; for X end "0" is not an option; for multi MPO connectors can not use "0"
 **: "A" only for MPO end
 *: MPO end 3mm, Fanout end 2mm, 5mm for single MPO end
 **: Gland = M20 default, Gland O.D dependent upon cable O.D

Glands and Pulling Eye**

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

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

Pre-Terminated Solutions ModLink Fiber Plug and Play

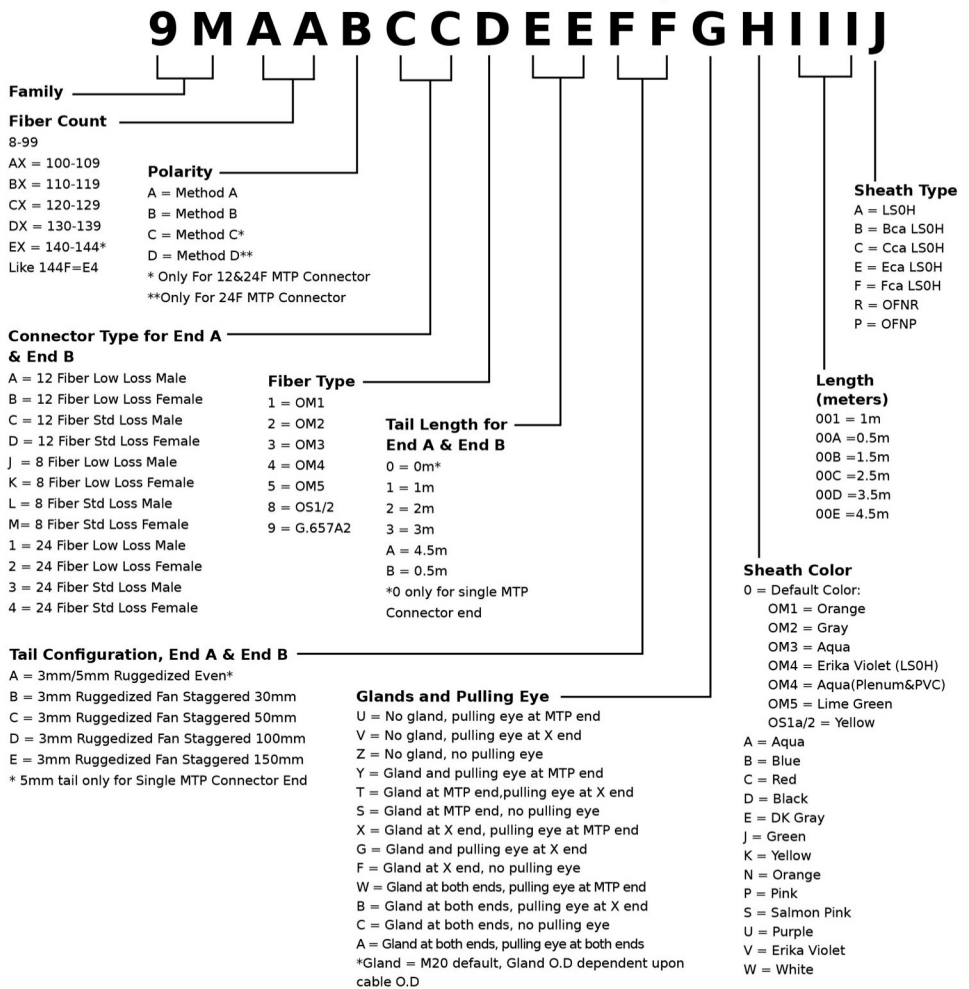


MTP-MTP Pre-Terminated Multicore Cable Assemblies

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

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

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



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

Pre-Terminated Solutions ModLink Fiber Plug and Play

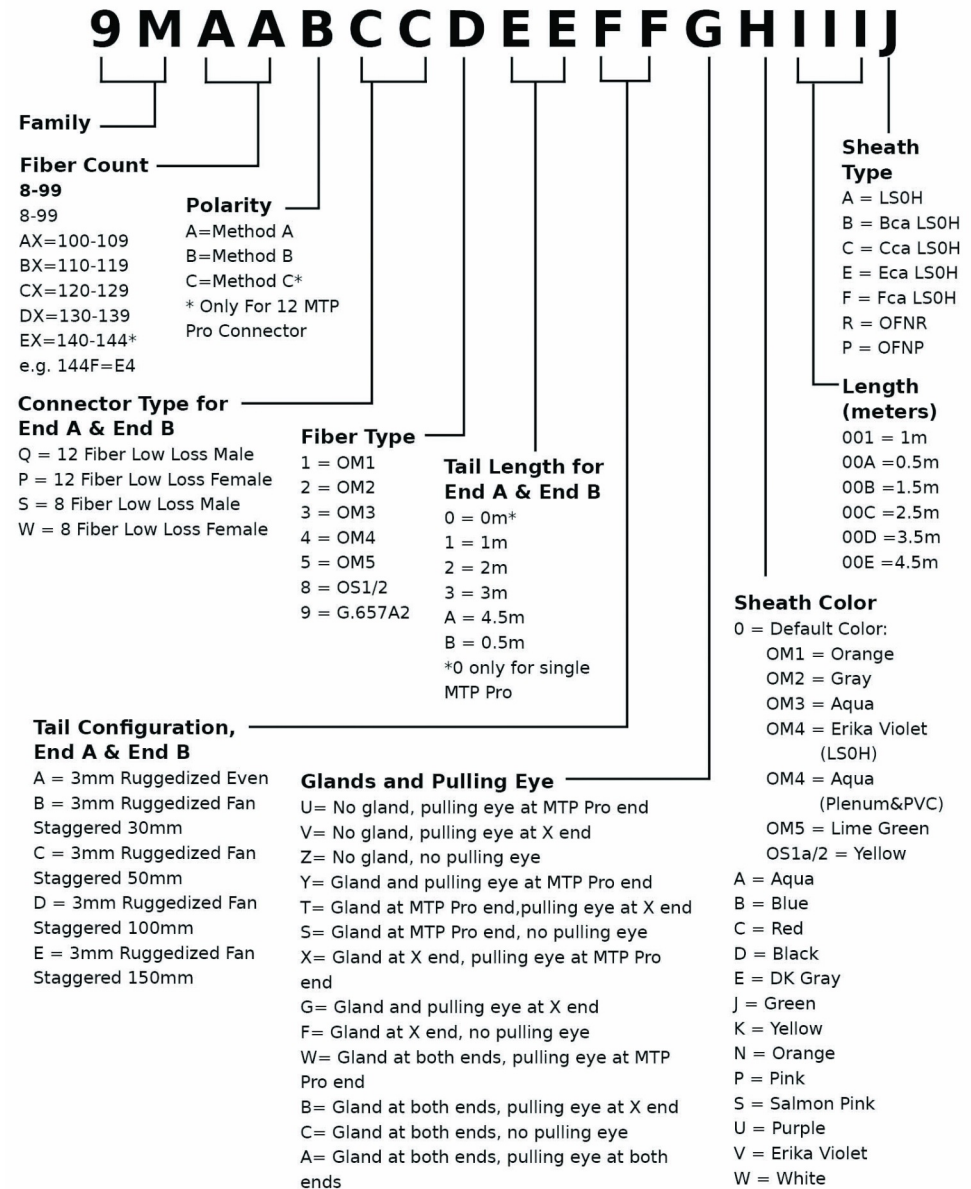


MTP Field Tool
Page 83

MTP PRO-MTP PRO Pre-Terminated Multicore Cable Assemblies

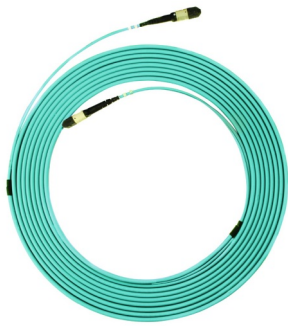
Molex Pre-Terminated Multicore Fiber Optic Cable Assemblies offer premium factory-controlled optical performance on a variety of connectors that enable fast, economical installation. Pre-Terminated Cable Assemblies are ideal for mission-critical backbone applications such as Data Center tie cables and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

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



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

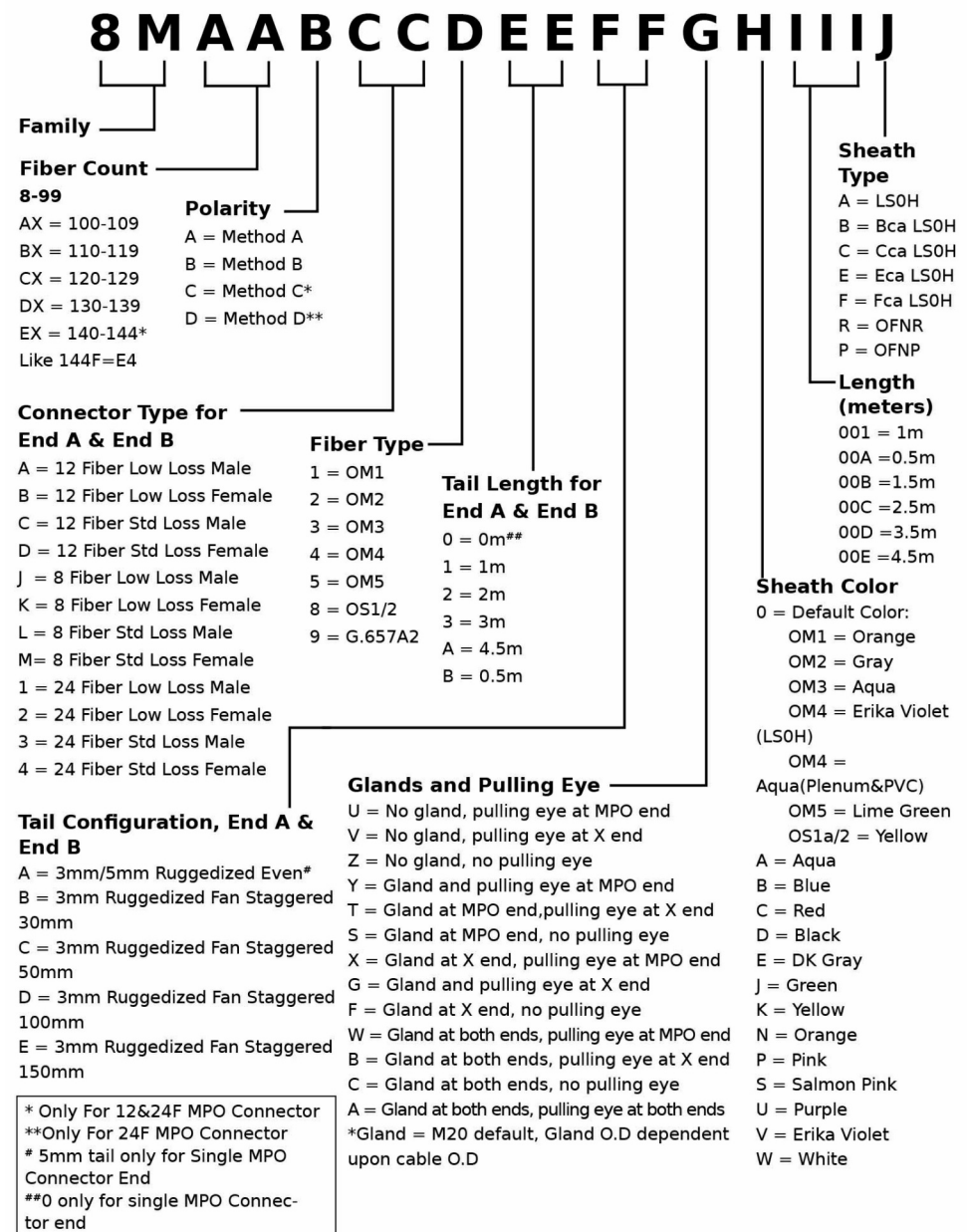
Pre-Terminated Solutions ModLink Fiber Plug and Play



MPO-MPO Pre-Terminated Multicore Cable Assemblies

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

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



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

Pre-Terminated Solutions ModLink Fiber Plug and Play

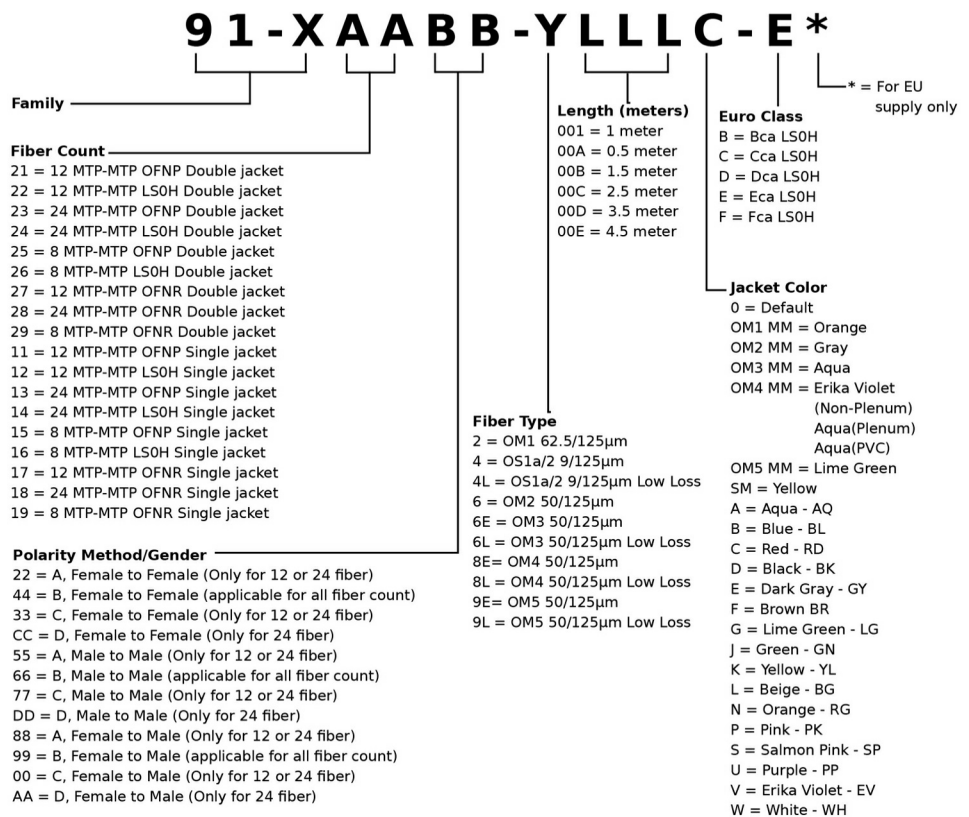


ModLink Cables

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.

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



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

Pre-Terminated Solutions ModLink Fiber Plug and Play

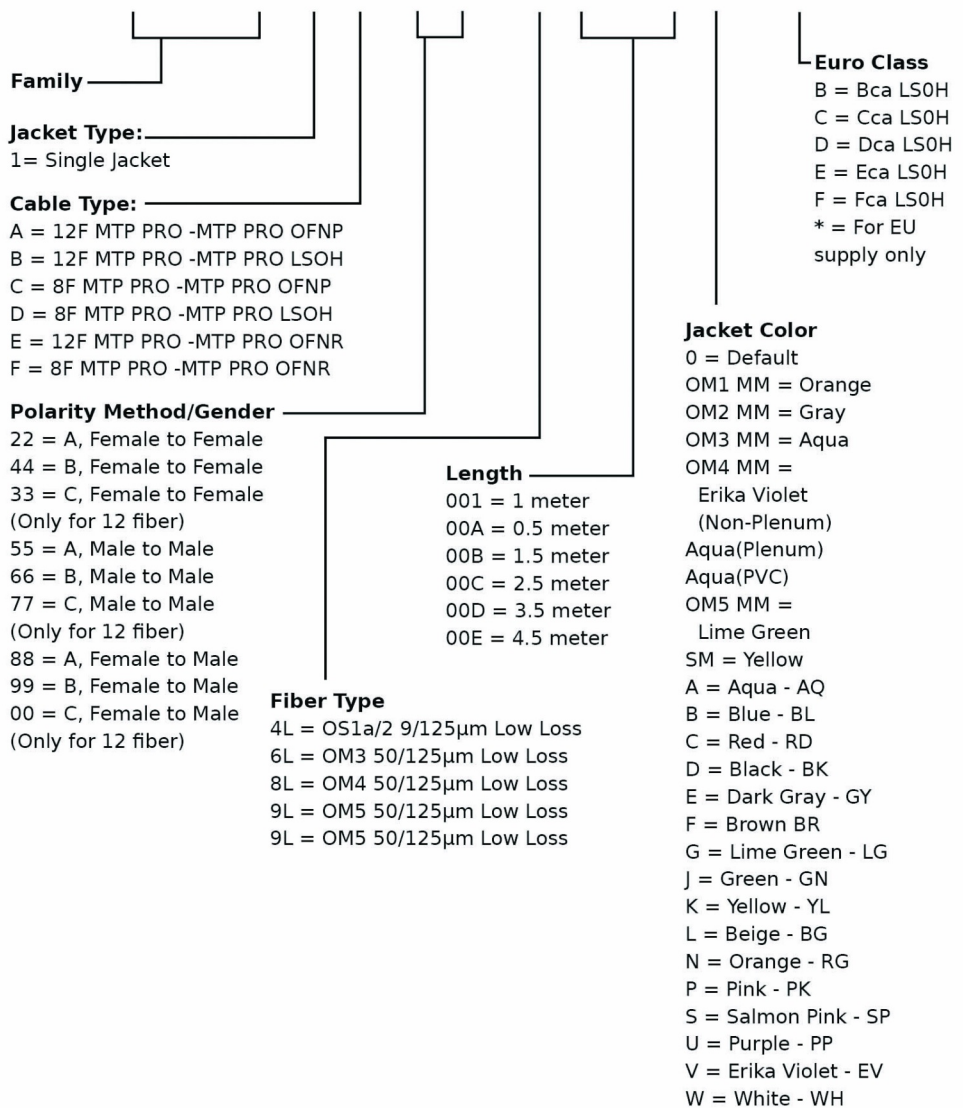


ModLink MTP PRO Advanced Fiber Optic Cables

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

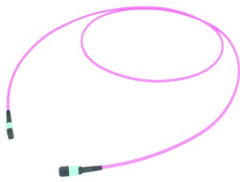
- Round, flexible outer jacket is easy to bend, route and install
- Available in Plenum (OFNP), Riser (OFNR) and LSOH constructions
- Industry-leading low insertion loss (0.35dB maximum insertion loss for laser optimized OM3/OM4/OM5 cables and OS1/2 cables, 0.10dB typical)
- Cables available in 8 and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

91-XAABB-YLLLC-E*



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

Pre-Terminated Solutions ModLink Fiber Plug and Play

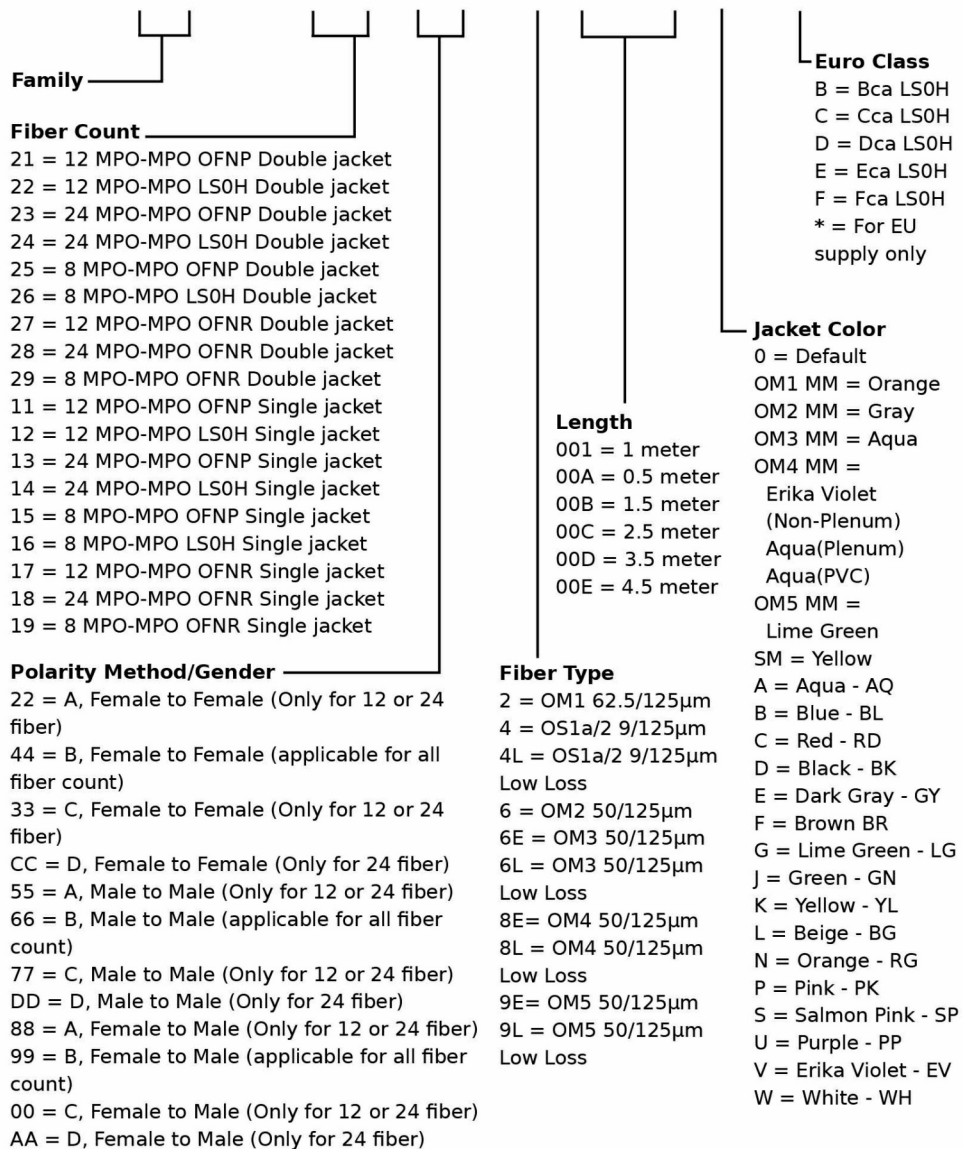


ModLink Advanced Fiber Optic Cables

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

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

81-XAABB-YLLLC-E*



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

Pre-Terminated Solutions ModLink Fiber Plug and Play

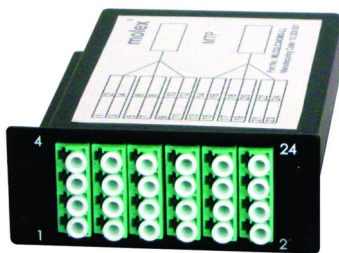


12 Port LC ModLink Cassettes

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

- Self-contained fiber optic patching enclosures convert the MTP/MPO interface to a standard LC, SC or ST coupler
- Industry-leading low insertion loss for 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	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM3 50µm, Low Loss
MLCDSC12OM4L	181810167	12 Port ModLink Cassette, Duplex SC, OM4 50µm, Low Loss
MLCDSC12OM5	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM5
MLCDSC12OM5L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM5, Low Loss
MLCDSC12OS2L	181810166	12 Port ModLink Cassette, Duplex SC, OS2
Duplex LC		
MLCDLC12OM1	181810142	12 Port ModLink Cassette, Duplex LC, OM1 62.5µm
MLCDLC12OM2	181810147	12 Port ModLink Cassette, Duplex LC, OM2 50µm
Duplex LC		
MLCDLC12OM3L	Consult Molex	12 Port ModLink Cassette, Duplex LC, OM3 50µm, Low Loss
MLCDLC12OM4L	181810172	12 Port ModLink Cassette, Duplex LC, OM4 50µm, Low Loss
MLCDLC12OM5	Consult Molex	12 Port ModLink Cassette, Duplex LC, OM5
MLCDLC12OM5L	Consult Molex	12 Port ModLink Cassette, Duplex LC, OM5, Low Loss
MLCDLC12OS2L	181810173	12 Port ModLink Cassette, Duplex LC, OS2
Quad LC		
MLCQLC12OM1	180370268	12 Port ModLink Cassette, Quad LC, OM1 62.5µm
MLCQLC12OM2	180370267	12 Port ModLink Cassette, Quad LC, OM2 50µm
Quad LC		
MLCQLC12OM3L	181810177	12 Port ModLink Cassette, Quad LC, OM3 50µm, Low Loss
MLCQLC12OM4L	181810176	12 Port ModLink Cassette, Quad LC, OM4 50µm, Low Loss
MLCQLC12OM5	Consult Molex	12 Port ModLink Cassette, Quad LC, OM5
MLCQLC12OM5L	Consult Molex	12 Port ModLink Cassette, Quad LC, OM5 Multimode, Low Loss
MLCQLC12OS2L	181810175	12 Port ModLink Cassette, Quad LC, OS2



24 Port Quad LC ModLink Cassettes

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

- Self-contained fiber optic patching enclosures convert the MTP/MPO interface to a standard LC, SC or ST coupler
- Industry-leading low insertion loss for 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	Consult Molex	24 Port ModLink Cassette, Quad LC, OM1 62.5µm
MLCQLC24OM2	Consult Molex	24 Port ModLink Cassette, Quad LC, OM2 50µm
MLCQLC24OM3L	Consult Molex	24 Port ModLink Cassette, Quad LC, OM3, 50µm, Low Loss
MLCQLC24OM4L	181810171	24 Port ModLink Cassette, Quad LC, OM4, 50µm, Low Loss
MLCQLC24OM5	Consult Molex	24 Port ModLink Cassette, Quad LC, OM5
MLCQLC24OM5L	Consult Molex	24 Port ModLink Cassette, Quad LC, OM5, Low Loss
MLCQLC24OS2L	Consult Molex	24 Port ModLink Cassette, Quad LC, OS2, Low Loss

Last mile challenges >



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

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



Passive Optical Networks (PON)



Easily Scalable

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



Superior Performance

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



Design Flexibility

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

Fiber Optic Solution Lightband Passive Optical Networks

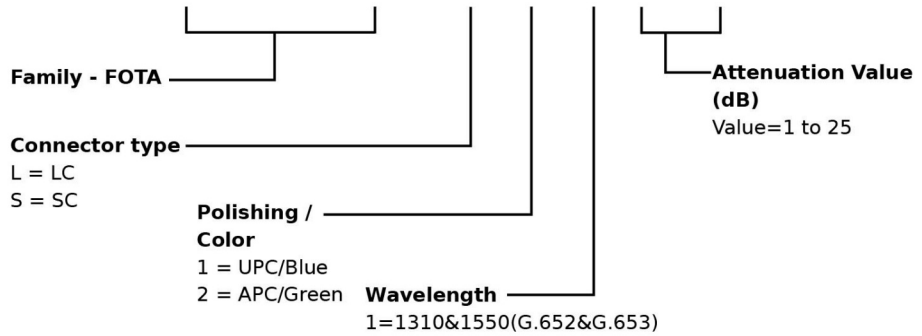


Attenuator

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

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

F O T A - A B C D D



Other specifications can be made on customer request

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



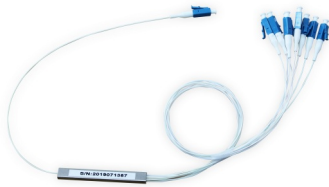
Modular Splitter Box

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

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

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

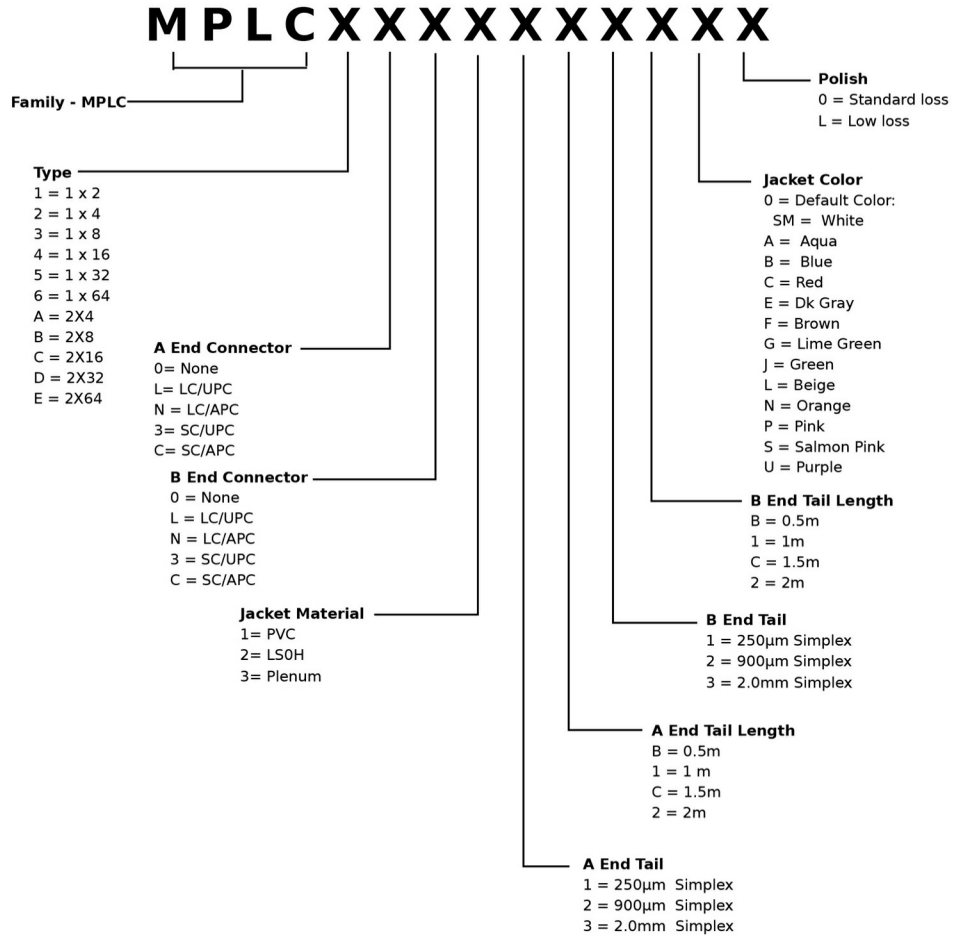
Fiber Optic Solution Lightband Passive Optical Networks



PLC Splitter

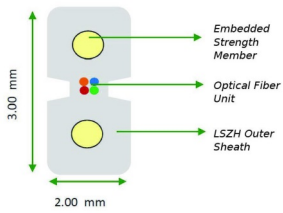
PLC Splitter is a component that splits the optical light power from one route into different routes. Molex PLC Splitter offers premium factory controlled optical performance on a variety of connectors that enable fast, economical installation.

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



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

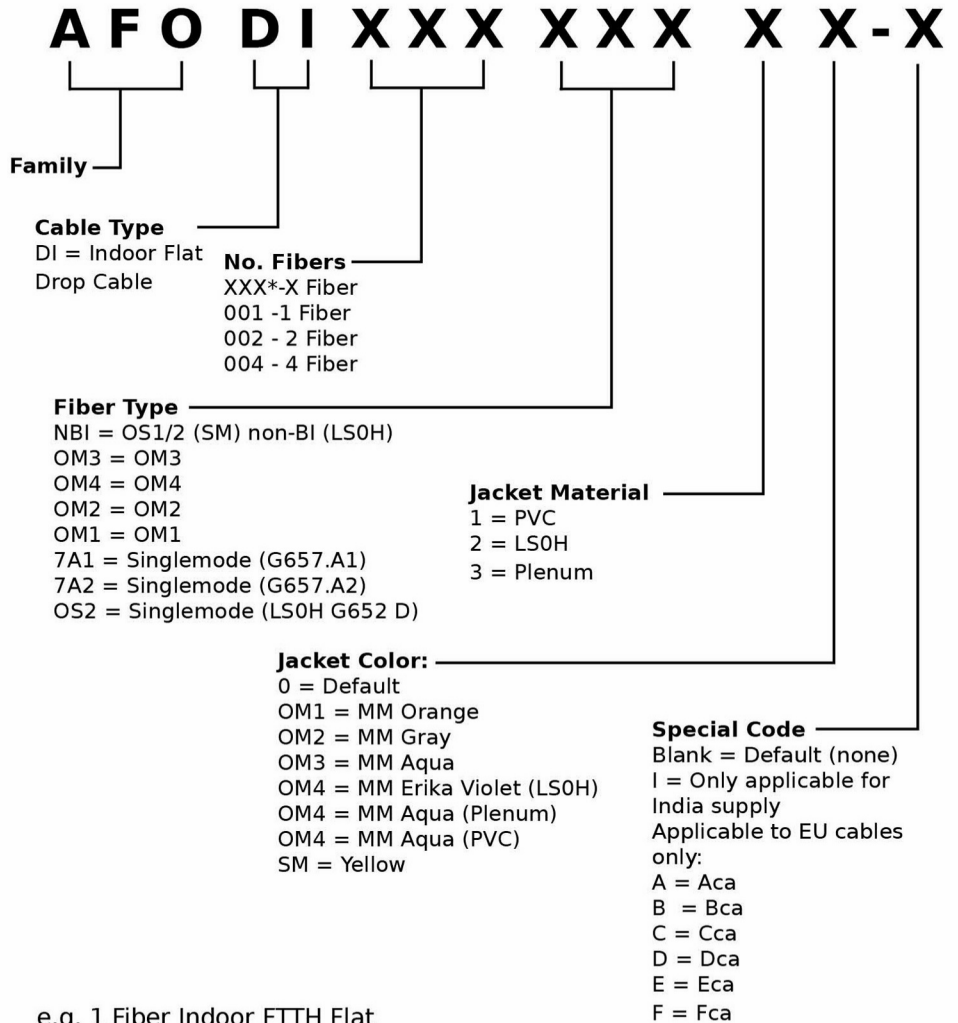
Fiber Optic Solution Lightband Passive Optical Networks



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

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

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



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

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

Fiber Optic Solution Lightband Passive Optical Networks



Wall-Mounted Steel Enclosure

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

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



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



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	120 Fiber In-Line Outdoor Fiber Optic Splice Enclosure

1-2 Port Fiber Wall Outlet

The Molex Fiber outlet is available in 1 & 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
AFR-00443	Consult Molex	1 Port Fiber Wall Outlet Box - loaded with 1 SC Simplex SM Adapter
AFR-00444	Consult Molex	2 Port Fiber Wall Outlet Box - loaded with 2 SC Simplex SM Adapter
AFR-00445	Consult Molex	1 Port Fiber Wall Outlet Box - unloaded
AFR-00446	Consult Molex	2 Port Fiber Wall Outlet Box - unloaded

IMAGE
COMING
SOON

Fiber Optic Solution Lightband Passive Optical Networks



Fiber Optic Cross Connection Outdoor Cabinet

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

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

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

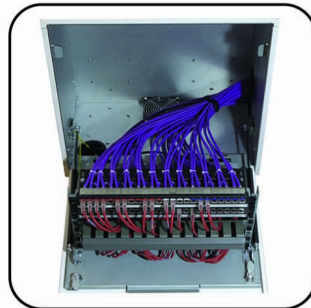
Flexibility in the work area >



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

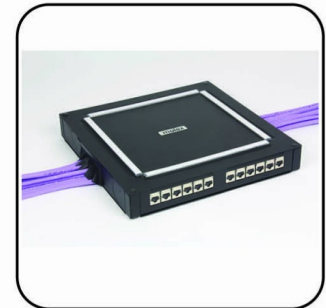


Zone Enclosures & Consolidation Points



In-Ceiling Enclosures

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



Under-Floor Enclosures

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

Zone Enclosures



Zone Enclosure for Raised / Access Floor Installations

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

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

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



Zone Enclosure for In-Ceiling Installations

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

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



Order No.	SAP No.	Description
CPT-00055	180080088	In-Ceiling Zone Enclosure
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)

Wiring closet management >



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



Cable Management Solutions



Robust Construction

Robust construction to ensure durability even under harsh treatment.



Flexibility

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



High Density Patching

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

Cable Management Solutions



Ring Run Panels

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

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

Order No.	SAP No.	Description
25.B016G	181050057	Ring Run
25.B035G	180320007	Deep Ring Run
25.B0284	180310014	1U Side Ring
25.B018G	180990036	Blank Panels
25.B0364	180310015	1U Side Ring, Deep
25.B0424	180310015	2U Side Ring
25.A029-04	181050065	Brush Tidy Cable Management Panel - Black*
25.C001G	181050064	Panel 1U with cover
25.B013G	181050056	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



2U Horizontal Cable Management Panels

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

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

Order No.	SAP No.	Description
25.B058G	181050059	Recessed Double Density Ring Run Panel, 2U
25.B059G	181050060	Front and Rear Ring Run Panel, 2U

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

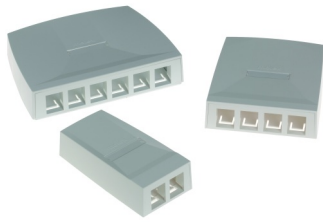
With a vast range of outlet mounting platforms that cover C5e, C6, C6A and audio/visual as well as optical fiber, Molex is able to deliver an integrated communications suite.



Outlet Configurations

With a wide 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.

Outlet Configuration Solutions



Synergy Surface Mount Box

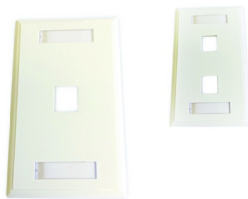
The PowerCat Synergy Surface Box is ideal for use in open office cabling. The 2, 4 and 6 port boxes are supplied unloaded and accept the DataGate Jack and Synergy Single Position Modules. The single port versions ship loaded with the DataGate Jack. Synergy Surface Boxes offer simple and organized installation 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
SBX-00001-02	181770075	1 Port Modular Surface Box, Unloaded - White - C5e and C6 only
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)

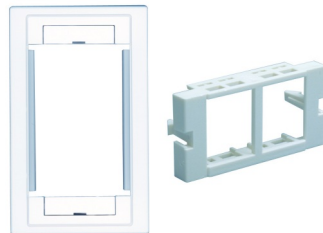


Keystone Jack Wall Plates

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-00012-02	1810010004	Keystone Jack Wallplate USA 4 Port, White
WKP-00014-02	1810010006	Keystone Jack Wallplate USA 8 Port, White



USO II Wallplate & Bezel

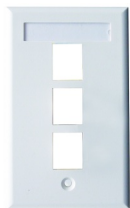
The USO II Bezels and corresponding modules are part of a complete line of office outlets and rack mount products. The bezels are constructed of ABS plastic, are available in four colors, and house a variety of RJ, RCA, Dtype, coax, and fiber optic modules. Each bezel comes with mounting screws, clear 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-00096-0*	Consult Molex	USO II Single Port Fascia - Unloaded (bag of 25)
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)

Outlet Configuration Solutions



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)



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)

Outlet Configuration Solutions



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-00095-**	Consult Molex	15 Pin HD D-Sub Coupler Fascia (Bag of 10)
MUS-00040-**	Consult Molex	USO II MDL-DBL BNC
MUS-00042-**	Consult Molex	USO II MDL-F VIDEO
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-00096-**	Consult Molex	FASCIA USO II 1P
MUS-00097-**	Consult Molex	FASCIA USO II 2P
MUS-00185-**	Consult Molex	MOD BLANK USO II

Color Options: 01 = Almond, 02 = White Dimensions: MUS-00096-, 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-00096-**, 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-**	Consult Molex	4 Port Decora Style Wallplate

**Color Options - 01 = Almond, 02 = White, 05 = Ivory 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)

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.

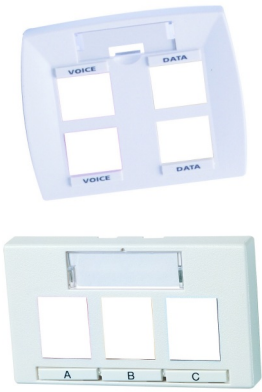
- Accommodates DataGate Jacks
- Accommodate SC, LC, ST single position fiber modules
- Accommodates media configurable modules
- Fits standard electrical cover plates
- Rear loading to reduce tampering



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)

Outlet Configuration Solutions



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)

Media Outlet Solutions

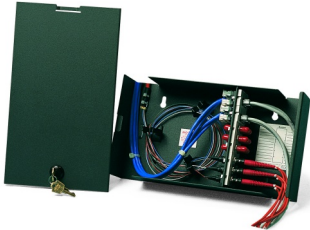


Category 5e Feed Through Adapters

Category 5e Feed through modules are versatile modules for unique applications where pre-connected cables must be mated. 25 x 50mm modules are designed for use within Molex's USO II systems of wallplates.

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

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



WM-12

The WM-12 is a wall-mounted steel enclosure that provides up to 18 fiber ports in a minimum of space. The WM-12 has an integral configurable panel that accepts up to six Euromod modules. Modules may be mixed for UTP, FTP, optical fiber and coax, making it the most versatile and compact wall mount enclosure for mixed media. Its design also guarantees that all of the media will be protected and proper fiber bend radius is maintained.

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

Order No.	SAP No.	Description
WFR-00018	180090008	WM12 - Graphite Gray



Multi User Telecommunications Outlet (MUTO)

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

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



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

Installation equipment >



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



Tools & Testers



Termination Tools

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



Testers

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



Rugged and Reliable

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



4 Pair Termination Tool

The Molex DataGate 4 Pair Termination Tool is a robust and reliable product that offers faultless gas-tight terminations of all four pairs simultaneously. The tool frame is manufactured from high grade steel with die-cast termination heads. Designed specifically for use with Molex DataGate and Keystone style jacks, the 4 Pair Termination Tool Frame is supplied unloaded into which either the UTP Termination Head (for termination of the UTP DataGate and Keystone jacks) or the C6A Termination Head (for termination of the C6A shielded DataGate jacks) is fitted. Operation is simple and efficient. The jack is placed over the wires that have been securely seated in the Termination Head. The Termination Head and jack are then pivoted into the cutting position and the handles depressed, resulting in wires that are firmly and accurately seated and neatly trimmed, in one simple operation.

- Designed specifically for the DataGate, Keystone and C6A Shielded Jacks
- Simple to operate
- Cables are terminated and neatly trimmed in one operation
- Tool Frame supplied unloaded. UTP and C6A Termination Heads supplied separately
- MOD-Clip 4 Pair Termination Tool is compatible with UTP MOD-Clip C6 Jacks only. C6A MOD-Clip jacks are terminated using the DataGate tool

Order No.	SAP No.	Description
31.0011	Consult Molex	4 Pair Termination Tool Frame
31.0012	Consult Molex	Termination Head UTP - C5e / C6
31.0015	182520015	Termination Head C6A



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 20



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

Tools and Testers



MTP PRO Polarity/Pin Removal Field Tool and Pin Exchanger

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

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



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

Order No. Reference

Order No.	SAP No.	Description	Page
18282-0249	182820249	Duplex LC SM OS1/2, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Blue	37
18282-0250	182820250	Duplex LC MM OM3/4, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Aqua	37
18282-0251	182820251	Duplex LC MM OM4, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Erika Violet	37
18282-0252	182820252	Duplex LC MM OM5, Zirconia Sleeve, Flange Mounted, Internal Shuttered, Lime Green	37
18282-0253	182820253	Duplex LC SM OS1/2, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Blue	37
18282-0254	182820254	Duplex LC MM OM3/4, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Aqua	37
18282-0255	182820255	Duplex LC MM OM4, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Erika Violet	37
18282-0256	182820256	Duplex LC MM OM5, Zirconia Sleeve, Snap Mounted, Internal Shuttered, Lime Green	37
25.A029-04	181050065	Brush Tidy Cable Management Panel - Black*	72
25.B013G	181050056	2U Ring Run Panel	72
25.B016G	181050057	Ring Run	72
25.B018G	180990036	Blank Panels	72
25.B0284	180310014	1U Side Ring	72
25.B035G	180320007	Deep Ring Run	72
25.B0364	180310015	1U Side Ring, Deep	72
25.B0424	180310015	2U Side Ring	72
25.B058G	181050059	Recessed Double Density Ring Run Panel, 2U	72
25.B059G	181050060	Front and Rear Ring Run Panel, 2U	72
25.C001G	181050064	Panel 1U with cover	72
31.0011	Consult Molex	4 Pair Termination Tool Frame	82
31.0012	Consult Molex	Termination Head UTP - C5e / C6	82
31.0015	182520015	Termination Head C6A	82
31.0016	182520017	Keystone Jack C6A UTP 4 Pair Termination Tool	82
33-100	180390001	SLT3 Tester (Master and Slave Units) with 9 Volt battery - UTP only	82
33A-100-10	180390011	SLT3S Tester (Master and Slave Units) with 9 Volt battery, UTP and Shielded	82
35-701	Consult Molex	Magnet Kit for SUS-00003.**	76
35.B0120	Consult Molex	Magnet Kit for SUS-00002.**	76
35.B0130	Consult Molex	Keyed Lock Kit	32
81-XAABB-YLLLC-E	Consult Molex	ModLink Advanced Fiber Optic Cables	58
8HAAABCDEEFFGHIIJ	Consult Molex	MPO-X Fiber Optic Cable Assembly	51
8MAABCCDEEFFIIJ	Consult Molex	MPO-MPO Pre-Terminated Multicore Cable Assemblies	54
91-XAABB-YLLLC-E	Consult Molex	ModLink Cables	56, 57
91.A0860	Consult Molex	Gland 4-8mm M20	33
91.A0870	Consult Molex	Gland 6-12mm M20	33
91.A0880	Consult Molex	Gland 9-14mm M20	33
91.XX.XXX.XXXXX-X	Consult Molex	Fiber Optic Patch Cords	30
9HAAABCDEEFFGHIIJ	Consult Molex	Hybrid Pre-Terminated Cable Assemblies --	50
9HAABCCDEEFFGHIIJ	Consult Molex	MTP PRO-X Fiber Optic Cable Assembly	50
9MAABCCDEEFFGHIIJ	Consult Molex	MTP-MTP Pre-Terminated Multicore Cable Assemblies	53, 54
ADA-00004	180060065	Standard Keystone Category 5e 8 wire Feed Through Adapter - Black	79
AFOB0060M1	180580154	6 Fiber Building Distribution Cable, Plenum, OM1 - Orange	25
AFOB0060M2	180580098	6 Fiber Building Distribution Cable, Plenum, OM2 - Orange	25
AFOB0060M3	180580078	6 Fiber Building Distribution Cable, Plenum, OM3 - Aqua	25
AFOB0060M4	180580566	6 Fiber Building Distribution Cable, Plenum, OM4 - Aqua	25
AFOB0060M5	180580761	6 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green	25
AFOB0060S2	180580569	6 Fiber Building Distribution Cable, Plenum, OS2 - Yellow	25
AFOB0120M1	180580156	12 Fiber Building Distribution Cable, Plenum, OM1 - Orange	25
AFOB0120M3	180580080	12 Fiber Building Distribution Cable, Plenum, OM3 - Aqua	25
AFOB0120M4	180580432	12 Fiber Building Distribution Cable, Plenum, OM4 - Aqua	25
AFOB0120M5	180580763	12 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green	25
AFOB0120S2	180580120	12 Fiber Building Distribution Cable, Plenum, OS2 - Yellow	25
AFOB0240M1	180580157	24 Fiber Building Distribution Cable, Plenum, OM1 - Orange	25
AFOB0240M3	180580081	24 Fiber Building Distribution Cable, Plenum, OM3 - Aqua	25
AFOB0240M4	180580429	24 Fiber Building Distribution Cable, Plenum, OM4 - Aqua	25
AFOB0240M5	180580764	24 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green	25
AFOB0240S2	180580571	24 Fiber Building Distribution Cable, Plenum, OS2 - Yellow	25
AFOB0480M1	180580159	48 Fiber Building Distribution Cable, Plenum, OM1 - Orange	25
AFOB0480M3	180580083	48 Fiber Building Distribution Cable, Plenum, OM3 - Aqua	25
AFOB0480M4	180580567	48 Fiber Building Distribution Cable, Plenum, OM4 - Aqua	25
AFOB0480M5	180580784	48 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green	25
AFOB0480S2	180580572	48 Fiber Building Distribution Cable, Plenum, OS2 - Yellow	25
AFOB0720M1	180580161	72 Fiber Building Distribution Cable, Plenum, OM1 - Orange	25
AFOB0720M2	180580105	72 Fiber Building Distribution Cable, Plenum, OM2 - Orange	25
AFOB0720M3	180580085	72 Fiber Building Distribution Cable, Plenum, OM3 - Aqua	25
AFOB0720M4	180580568	72 Fiber Building Distribution Cable, Plenum, OM4 - Aqua	25
AFOB0720M5	180580785	72 Fiber Building Distribution Cable, Plenum, OM5 - Lime Green	25
AFOB0720S2	180580573	72 Fiber Building Distribution Cable, Plenum, OS2 - Yellow	25
AFOBR0060M1	Consult Molex	6 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange	26
AFOBR0060M2	180580088	6 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange	26
AFOBR0060M3	180580068	6 Fiber Building Distribution Cable, Non-Plenum, OM3 - Aqua	26
AFOBR0060M4	180580409	6 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua	26
AFOBR0060S2	180580108	6 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow	26
AFOBR0120M1	Consult Molex	12 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange	26
AFOBR0120M2	180580090	12 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange	26
AFOBR0120M3	180580070	12 Fiber Building Distribution Cable, Non-Plenum, OM3 - Aqua	26
AFOBR0120M4	180580412	12 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua	26
AFOBR0120S2	180580110	12 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow	26
AFOBR0240M1	Consult Molex	24 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange	26
AFOBR0240M2	180580091	24 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange	26
AFOBR0240M3	180580071	24 Fiber Building Distribution Cable, Non-Plenum, OM3 - Aqua	26
AFOBR0240M4	Consult Molex	24 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua	26
AFOBR0240S2	180580111	24 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow	26
AFOBR0480M1	Consult Molex	48 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange	26
AFOBR0480M2	180580093	48 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange	26
AFOBR0480M3	180580073	48 Fiber Building Distribution Cable, Non-Plenum, OM3 - Aqua	26
AFOBR0480M4	Consult Molex	48 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua	26
AFOBR0480S2	180580113	48 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow	26
AFOBR0720M1	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OM1 - Orange	26
AFOBR0720M2	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OM2 - Orange	26

Order No. Reference

Order No.	SAP No.	Description	Page
AFOBR072OM4	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OM4 - Aqua	26
AFOBR072OM5	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OM5 - Lime Green	26
AFOBR072OS2	Consult Molex	72 Fiber Building Distribution Cable, Non-Plenum, OS2 - Yellow	26
AFODI XXX XXX X X-X	Consult Molex	1 Fiber All Dielectric 250µm FTTH Flat Drop Cable	64
AFOIP006OM1	Consult Molex	6 Fiber, Armored Cable, Plenum - OM1 - Black	28
AFOIP006OM3	180580235	6 Fiber, Armored Cable, Plenum - OM3 - Aqua	28
AFOIP006OM4	180570282	6 Fiber, Armored Cable, Plenum - OM4 - Aqua	28
AFOIP006OS2	180580188	6 Fiber, Armored Cable, Plenum - OS2 - Yellow	28
AFOIP012OM1	Consult Molex	12 Fiber, Armored Cable, Plenum - OM1 - Black	28
AFOIP012OM3	180580218	12 Fiber, Armored Cable, Plenum - OM3 - Aqua	28
AFOIP012OM4	180580587	12 Fiber, Armored Cable, Plenum - OM4 - Aqua	28
AFOIP012OS2	180580236	12 Fiber, Armored Cable, Plenum - OS2 - Yellow	28
AFOIP024OM1	Consult Molex	24 Fiber, Armored Cable, Plenum - OM1 - Black	28
AFOIP024OM3	180580219	24 Fiber, Armored Cable, Plenum - OM3 - Aqua	28
AFOIP024OM4	180580588	24 Fiber, Armored Cable, Plenum - OM4 - Aqua	28
AFOIP024OS2	180580237	24 Fiber, Armored Cable, Plenum - OS2 - Yellow	28
AFOIP048OM1	Consult Molex	48 Fiber, Armored Cable, Plenum - OM1 - Black	28
AFOIP048OM3	180580221	48 Fiber, Armored Cable, Plenum - OM3 - Aqua	28
AFOIP048OM4	Consult Molex	48 Fiber, Armored Cable, Plenum - OM4 - Aqua	28
AFOIP048OS2	180580239	48 Fiber, Armored Cable, Plenum - OS2 - Yellow	28
AFOIR006OM1	Consult Molex	6 Fiber, Armored Cable, Non-Plenum - OM1 - Yellow	28
AFOIR006OM3	180580300	6 Fiber, Armored Cable, Non-Plenum - OM3 - Aqua	28
AFOIR006OM4	Consult Molex	6 Fiber, Armored Cable, Non-Plenum - OM4 - Aqua/Erika Violet	28
AFOIR006OM5	Consult Molex	6 Fiber, Armored Cable, Non-Plenum - OM5 - Lime Green	28
AFOIR006OS2	180570010	6 Fiber, Armored Cable, Non-Plenum, Non-Plenum - OS2 - Yellow	28
AFOIR008OM1	Consult Molex	8 Fiber, Armored Cable, Non-Plenum - OM1 - Yellow	28
AFOIR008OM3	180580333	8 Fiber, Armored Cable, Non-Plenum - OM3 - Aqua	28
AFOIR008OM4	Consult Molex	8 Fiber, Armored Cable, Non-Plenum - OM4 - Aqua/Erika Violet	28
AFOIR008OM5	Consult Molex	8 Fiber, Armored Cable, Non-Plenum - OM5 - Lime Green	28
AFOIR012OM1	Consult Molex	12 Fiber, Armored Cable, Non-Plenum - OM1 - Yellow	28
AFOIR012OM3	180580304	12 Fiber, Armored Cable, Non-Plenum - OM3 - Aqua	28
AFOIR012OM4	Consult Molex	12 Fiber, Armored Cable, Non-Plenum - OM4 - Aqua/Erika Violet	28
AFOIR012OM5	Consult Molex	12 Fiber, Armored Cable, Non-Plenum - OM5 - Lime Green	28
AFOIR012OS2	180580227	8 Fiber, Armored Cable, Non-Plenum - OS2 - Yellow	28
AFOIR024OM1	Consult Molex	24 Fiber, Armored Cable, Non-Plenum - OM1 - Yellow	28
AFOIR024OM3	180580210	24 Fiber, Armored Cable, Non-Plenum - OM3 - Aqua	28
AFOIR024OM4	Consult Molex	24 Fiber, Armored Cable, Non-Plenum - OM4 - Aqua/Erika Violet	28
AFOIR024OM5	Consult Molex	24 Fiber, Armored Cable, Non-Plenum - OM5 - Lime Green	28
AFOIR024OS2	180580228	12 Fiber, Armored Cable, Non-Plenum - OS2 - Yellow	28
AFOIR048OM1	Consult Molex	48 Fiber, Armored Cable, Non-Plenum - OM1 - Yellow	28
AFOIR048OM3	180580212	48 Fiber, Armored Cable, Non-Plenum - OM3 - Aqua	28
AFOIR048OM4	Consult Molex	48 Fiber, Armored Cable, Non-Plenum - OM4 - Aqua/Erika Violet	28
AFOIR048OS2	180580230	24 Fiber, Armored Cable, Non-Plenum - OS2 - Yellow	28
AFOIR096OM4	180580576	96 Fiber, Armored Cable, Non-Plenum - OM4 - Aqua/Erika Violet	28
AFOXP006OM1	Consult Molex	6 Fiber, Inter-Locking Fiber Cable, OFNP - OM1	27
AFOXP006OM3	180580653	6 Fiber, Inter-Locking Fiber Cable, OFNP - OM3	27
AFOXP006OM4	180580673	6 Fiber, Inter-Locking Fiber Cable, OFNP - OM4	27
AFOXP006OS2	180580361	6 Fiber, Inter-Locking Fiber Cable, OFNP - OS2	27
AFOXP012OM1	Consult Molex	12 Fiber, Inter-Locking Fiber Cable, OFNP - OM1	27
AFOXP012OM3	180580282	12 Fiber, Inter-Locking Fiber Cable, OFNP - OM3	27
AFOXP012OM4	Consult Molex	12 Fiber, Inter-Locking Fiber Cable, OFNP - OM4	27
AFOXP012OS2	180580364	12 Fiber, Inter-Locking Fiber Cable, OFNP - OS2	27
AFOXP024OM1	Consult Molex	24 Fiber, Inter-Locking Fiber Cable, OFNP - OM1	27
AFOXP024OM3	180580363	24 Fiber, Inter-Locking Fiber Cable, OFNP - OM3	27
AFOXP024OM4	Consult Molex	24 Fiber, Inter-Locking Fiber Cable, OFNP - OM4	27
AFOXP024OS2	180580418	24 Fiber, Inter-Locking Fiber Cable, OFNP - OS2	27
AFOXP048OM1	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNP - OM1	27
AFOXP048OM3	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNP - OM3	27
AFOXP048OM4	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNP - OM4	27
AFOXP048OS2	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNP - OS2	27
AFOXR004OM1	180580775	4 Fiber, Inter-Locking Fiber Cable, OFNR - OM1	27
AFOXR006OM1	180580340	6 Fiber, Inter-Locking Fiber Cable, OFNR - OM1	27
AFOXR006OM2	180580778	6 Fiber, Inter-Locking Fiber Cable, OFNR - OM2	27
AFOXR006OM3	180580341	6 Fiber, Inter-Locking Fiber Cable, OFNR - OM3	27
AFOXR006OM4	180580382	6 Fiber, Inter-Locking Fiber Cable, OFNR - OM4	27
AFOXR006OS2	180580377	6 Fiber, Inter-Locking Fiber Cable, OFNR - OS2	27
AFOXR008OM1	180580776	8 Fiber, Inter-Locking Fiber Cable, OFNR - OM1	27
AFOXR008OM2	180580779	8 Fiber, Inter-Locking Fiber Cable, OFNR - OM2	27
AFOXR008OM3	180580783	8 Fiber, Inter-Locking Fiber Cable, OFNR - OM3	27
AFOXR008OM4	180580383	8 Fiber, Inter-Locking Fiber Cable, OFNR - OM4	27
AFOXR008OS2	180580378	8 Fiber, Inter-Locking Fiber Cable, OFNR - OS2	27
AFOXR012OM1	180580343	12 Fiber, Inter-Locking Fiber Cable, OFNR - OM1	27
AFOXR012OM2	180580780	12 Fiber, Inter-Locking Fiber Cable, OFNR - OM2	27
AFOXR012OM3	180580344	12 Fiber, Inter-Locking Fiber Cable, OFNR - OM3	27
AFOXR012OM4	180580384	12 Fiber, Inter-Locking Fiber Cable, OFNR - OM4	27
AFOXR012OS2	180580379	12 Fiber, Inter-Locking Fiber Cable, OFNR - OS2	27
AFOXR024OM1	180580346	24 Fiber, Inter-Locking Fiber Cable, OFNR - OM1	27
AFOXR024OM2	180580781	24 Fiber, Inter-Locking Fiber Cable, OFNR - OM2	27
AFOXR024OM3	180580347	24 Fiber, Inter-Locking Fiber Cable, OFNR - OM3	27
AFOXR024OM4	180580385	24 Fiber, Inter-Locking Fiber Cable, OFNR - OM4	27
AFOXR024OS2	180580380	24 Fiber, Inter-Locking Fiber Cable, OFNR - OS2	27
AFOXR048OM3	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNR - OM3	27
AFOXR048OM4	Consult Molex	48 Fiber, Inter-Locking Fiber Cable, OFNR - OM4	27
AFOXR048OS2	180580281	48 Fiber, Inter-Locking Fiber Cable, OFNR - OS2	27
AFR-00001	180600027	Universal Splicing Tray	32
AFR-00118	180600042	6 Fiber Shuttered Duplex SC Adapter Plate, Singlemode, Blue	35
AFR-00222	180600069	Universal Splice Tray Carrier Kit	31
AFR-00229	180600100	6 Fiber Shuttered Duplex SC/APC Adapter Plate OS1a/2 Green	35
AFR-00311	180600078	6 Fiber Shuttered Duplex SC Adapter Plate OM3 Aqua	35

Order No. Reference

Order No.	SAP No.	Description	Page
AFR-00334	180690050	5 Fiber Mechanical Splice Holder	32
AFR-00335	180690051	6 Fiber Fusion Splice Holder	32
AFR-00336	180690052	Universal Splice Tray - 24 Fibers	32
AFR-00337	180690053	12 Fiber Fusion Splice Holder	32, 38
AFR-00338	180690054	Universal Splice Tray - Unloaded	32
AFR-00340	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC Blue	38
AFR-00340L	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC Blue Low Loss	38
AFR-00341	Consult Molex	6 Fiber Multimode OM1 Duplex SC Beige	38
AFR-00342	Consult Molex	6 Fiber Multimode OM2 BI Duplex SC Beige	38
AFR-00343	Consult Molex	6 Fiber Multimode OM3 BI Duplex SC Aqua	38
AFR-00343L	Consult Molex	6 Fiber Multimode OM3 BI Duplex SC Aqua Low Loss	38
AFR-00344	Consult Molex	12 Fiber Singlemode G.657a2 Duplex SC Blue	38
AFR-00344L	Consult Molex	12 Fiber Singlemode G.657a2 Duplex SC Blue Low Loss	38
AFR-00345	Consult Molex	12 Fiber Multimode OM1 Duplex SC Beige	38
AFR-00346	Consult Molex	12 Fiber Multimode OM2 BI Duplex SC Beige	38
AFR-00347	Consult Molex	12 Fiber Multimode OM3 BI Duplex SC Aqua	38
AFR-00347L	Consult Molex	12 Fiber Multimode OM3 BI Duplex SC Aqua Low Loss	38
AFR-00348	Consult Molex	12 Fiber Singlemode G.657a2 Duplex LC Blue	38
AFR-00348L	Consult Molex	12 Fiber Singlemode G.657a2 Duplex LC Blue Low Loss	38
AFR-00349	Consult Molex	12 Fiber Multimode OM1 Duplex LC Beige	38
AFR-00350	Consult Molex	12 Fiber Multimode OM2 BI Duplex LC Beige	38
AFR-00351	Consult Molex	12 Fiber Multimode OM3 BI Duplex LC Aqua	38
AFR-00351L	Consult Molex	12 Fiber Multimode OM3 BI Duplex LC Aqua Low Loss	38
AFR-00352	Consult Molex	24 Fiber Singlemode G.657a2 Quad LC Blue	38
AFR-00352L	Consult Molex	24 Fiber Singlemode G.657a2 Quad LC Blue Low Loss	38
AFR-00353	Consult Molex	24 Fiber Multimode OM1 Quad LC Beige	38
AFR-00354	Consult Molex	24 Fiber Multimode OM2 BI Quad LC Beige	38
AFR-00355	Consult Molex	24 Fiber Multimode OM3 BI Quad LC Aqua	38
AFR-00355L	Consult Molex	24 Fiber Multimode OM3 BI Quad LC Aqua Low Loss	38
AFR-00357	180600135	ST 6 Fiber Adapter Plate, Singlemode	35
AFR-00358	180600136	SC Duplex 6 Fiber Singlemode Adapter Plate - Blue	35
AFR-00365	180600143	LC Duplex 12 Fiber Singlemode Adapter Plate - Blue	35
AFR-00368	180600146	SC Duplex 12 Fiber Adapter Plate, Singlemode - Blue	35
AFR-00369	180600147	LC Quad 12 Fiber Singlemode Adapter Plate - Blue	35
AFR-00372	180600150	SC Duplex 6 Fiber Adapter Plate, Multimode, OM3 - Aqua	35
AFR-00374	180600152	SC Duplex 12 Fiber Adapter Plate, Multimode OM3 - Aqua	35
AFR-00375	180600153	LC Quad 12 Fiber Multimode OM3 Adapter Plate - Aqua	35
AFR-00375-EV	180600306	LC Quad 12 Fiber Multimode OM4 Adapter Plate - Erika Violet	35
AFR-00376	180600154	LC Duplex 12 Fiber Multimode OM3 Adapter Plate - Aqua	35
AFR-00377	180600155	LC Quad 24 Fiber Multimode OM1 Adapter Plate - Beige	36
AFR-00378	180600156	LC Quad 24 Fiber Multimode OM3 Adapter Plate - Aqua	36
AFR-00379	180600157	LC Quad 24 Fiber Singlemode OS1a Adapter Plate - Blue	36
AFR-00380	183190016	Modular Splice Cassette Housing and Lid	38
AFR-00382	Consult Molex	6 Fiber Singlemode OS1a/OS2 ST	38
AFR-00382L	Consult Molex	6 Fiber Singlemode G.657a2 ST Low Loss	38
AFR-00383	Consult Molex	6 Fiber Multimode OM1 ST	38
AFR-00384	Consult Molex	6 Fiber Multimode OM2 ST	38
AFR-00387	182620013	LC Multimode OM1 250/900µm BF Beige 12 PC Connector Kit	40
AFR-00389	182620015	LC Multimode OM3 10g 250/900µm BF Aqua 12 PC Connector Kit	40
AFR-00390	182620016	LC Singlemode OS1a 250/900µm BF Blue 12 PC Connector Kit	40
AFR-00391	182620017	SC Multimode OM1 250/900µm BF Beige 12 PC Connector Kit	40
AFR-00393	182620019	SC Multimode OM3 10g 250/900µm BF Aqua 12 PC Connector Kit	40
AFR-00394	182620020	SC Singlemode OS1a 250/900µm BF Blue 12 PC Connector Kit	40
AFR-00395	182620021	SC/APC Singlemode OS1a 250/900µm BF APC Green 12 PC Connector Kit	40
AFR-00406L	Consult Molex	12 Fiber Singlemode G.657a2 Duplex SC APC Green Low Loss	38
AFR-00443	Consult Molex	1 Port Fiber Wall Outlet Box - loaded with 1 SC Simplex SM Adapter	65
AFR-00444	Consult Molex	2 Port Fiber Wall Outlet Box - loaded with 2 SC Simplex SM Adapter	65
AFR-00445	Consult Molex	1 Port Fiber Wall Outlet Box - unloaded	65
AFR-00446	Consult Molex	2 Port Fiber Wall Outlet Box - unloaded	65
AFR-00468-04	180600394	6 Pak Adapter Front Plate	33
AFR-00469-04	180600395	Full Length Blanking Plate	33
AFR-00470	180600217	Universal Splice Tray, 24 Fiber with built in Cable Management, 1U Global Enclosure (Self Adhesive, 2 x 12F trays per pack)	33, 69
AFR-00475	180600222	Kevlar Retention Post	33
AFR-00486	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Erika Violet	38
AFR-00486L	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Erika Violet Low Loss	38
AFR-00487	Consult Molex	12 Fiber Multimode OM4 BI Duplex SC Erika Violet	38
AFR-00487L	Consult Molex	12 Fiber Multimode OM4 BI Duplex SC Erika Violet Low Loss	38
AFR-00488	Consult Molex	12 Fiber Multimode OM4 BI Duplex LC Erika Violet	38
AFR-00488L	Consult Molex	12 Fiber Multimode OM4 BI Duplex LC Erika Violet Low Loss	38
AFR-00489	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Erika Violet	38
AFR-00489L	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Erika Violet Low Loss	38
AFR-00490	Consult Molex	6 Fiber Multimode OM4 BI ST	38
AFR-00490L	Consult Molex	6 Fiber Multimode OM4 BI ST Low Loss	38
AFR-00499	Consult Molex	6 Fiber Multimode OM3 BI ST	38
AFR-00499L	Consult Molex	6 Fiber Multimode OM3 BI ST Low Loss	38
AFR-00501	180600247	SC Duplex 12 Fiber Adapter Plate, Multimode OM4 - Erika Violet	35
AFR-00502	180600248	LC Quad 24 Fiber Multimode OM4 Adapter Plate - Erika Violet	36
AFR-00503	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Aqua	38
AFR-00503L	Consult Molex	6 Fiber Multimode OM4 BI Duplex SC Aqua Low Loss	38
AFR-00504	Consult Molex	12 Fiber Multimode OM4 BI Duplex SC Aqua	38
AFR-00504L	Consult Molex	12 Fiber Multimode OM4 BI Duplex SC Aqua Low Loss	38
AFR-00505	Consult Molex	12 Fiber Multimode OM4 BI Duplex LC Aqua	38
AFR-00505L	Consult Molex	12 Fiber Multimode OM4 BI Duplex LC Aqua Low Loss	38
AFR-00506	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Aqua	38
AFR-00506L	Consult Molex	24 Fiber Multimode OM4 BI Quad LC Aqua Low Loss	38
AFR-00544-EV	180600305	LC Duplex 12 Fiber Adapter Plate OM4 - Erika Violet	35
AFR-00549	180600323	2 Port Fiber Wall Outlet, Unloaded, White	65
AFR-00673-LG	180600478	SC Duplex, 6 Fiber Adapter Plate, Multimode, OM5 - Lime Green	35
AFR-00675-LG	180600482	6 Fiber Shuttered Duplex SC Adapter Plate OM5 Lime Green	35

Order No. Reference

Order No.	SAP No.	Description	Page
AFR-00678-LG	180600485	SC Duplex, 12 Fiber Adapter Plate, Multimode, OM5 Lime Green	35
AFR-00679-LG	180600486	LC Duplex, 12 Fiber Adapter Plate OM5 - Lime Green	35
AFR-00681-LG	180600488	LC Quad 12 Fiber Multimode OM5 Adapter Plate - Lime Green	35
AFR-00684-LG	180600491	LC Quad, 24 Fiber Multimode OM5 Adapter Plate - Lime Green	36
AFR-00689-04	180600526	SC Simplex/LC Duplex, 1 Port Adapter Plate, Unloaded	33
AFR-00690-04	180600527	MTP/MPO, 1 Port Adapter Plate, Unloaded	33
AFR-00710-GR	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC APC Green	38
AFR-00711-GR	Consult Molex	6 Fiber Singlemode G.657a2 Duplex SC APC Green Low Loss	38
AFR-00712-LG	Consult Molex	6 Fiber Multimode OM5 BI Duplex SC Lime Green	38
AFR-00713-LG	Consult Molex	6 Fiber Multimode OM5 BI Duplex SC Lime Green Low Loss	38
AFR-00714-LG	Consult Molex	12 Fiber Multimode OM5 BI Duplex SC Lime Green	38
AFR-00715-LG	Consult Molex	12 Fiber Multimode OM5 BI Duplex SC Lime Green Low loss	38
AFR-00716-GR	Consult Molex	12 Fiber Singlemode G.657a2 Duplex LC APC Green	38
AFR-00717-GR	Consult Molex	12 Fiber Singlemode G.657a2 Duplex LC APC Green Low Loss	38
AFR-00718-LG	Consult Molex	12 Fiber Multimode OM5 BI Duplex LC Lime Green	38
AFR-00719-LG	Consult Molex	12 Fiber Multimode OM5 BI Duplex LC Lime Green Low loss	38
AFR-00720-GR	Consult Molex	24 Fiber Singlemode G.657a2 Quad LC APC Green	38
AFR-00721-GR	Consult Molex	24 Fiber Singlemode G.657a2 Quad LC APC Green Low Loss	38
AFR-00722-LG	Consult Molex	24 Fiber Multimode OM5 BI Quad LC Lime Green	38
AFR-00723-LG	Consult Molex	24 Fiber Multimode OM5 BI Quad LC Lime Green Low Loss	38
AFR-00760	Consult Molex	6 Fiber Multimode OM5 BI ST	38
AFR-00761	Consult Molex	6 Fiber Multimode OM5 BI ST Low Loss	38
AFR-00802	180810066	Jack Plate 19" 24P Unloaded for 1U Multi-Function Fiber Enclosure Gen II	33
AFR-00817	182540026	MTP Pro Field Tool	83
AFR-00820	182680080	Pin Exchanger MTO Pro Female to Male SM	83
AFR-00821	182680081	Pin Exchanger MTO Pro Female to Male MM	83
AFXLTP0060M1	Consult Molex	6 Fiber, Armored Loose Tube Cable - OM1	29
AFXLTP0060M3	180580649	6 Fiber, Armored Loose Tube Cable - OM3	29
AFXLTP0060M4	Consult Molex	6 Fiber, Armored Loose Tube Cable - OM4	29
AFXLTP0060S2	180580423	6 Fiber, Armored Loose Tube Cable - OS2	29
AFXLTP0120M1	Consult Molex	12 Fiber, Armored Loose Tube Cable - OM1	29
AFXLTP0120M3	180580428	12 Fiber, Armored Loose Tube Cable - OM3	29
AFXLTP0120M4	Consult Molex	12 Fiber, Armored Loose Tube Cable - OM4	29
AFXLTP0120S2	180580424	12 Fiber, Armored Loose Tube Cable - OS2	29
AFXLTP0240M1	Consult Molex	24 Fiber, Armored Loose Tube Cable - OM1	29
AFXLTP0240M3	180580420	24 Fiber, Armored Loose Tube Cable - OM3	29
AFXLTP0240M4	Consult Molex	24 Fiber, Armored Loose Tube Cable - OM4	29
AFXLTP0240S2	180580419	24 Fiber, Armored Loose Tube Cable - OS2	29
AFXLTP0480M1	Consult Molex	48 Fiber, Armored Loose Tube Cable - OM1	29
AFXLTP0480M3	180580421	48 Fiber, Armored Loose Tube Cable - OM3	29
AFXLTP0480M4	Consult Molex	48 Fiber, Armored Loose Tube Cable - OM4	29
AFXLTP0480S2	Consult Molex	48 Fiber, Armored Loose Tube Cable - OS2	29
AFXLTP0720M3	Consult Molex	72 Fiber, Armored Loose Tube Cable - OM3	29
AFXLTP0720M4	Consult Molex	72 Fiber, Armored Loose Tube Cable - OM4	29
AFXLTP0720S2	Consult Molex	72 Fiber, Armored Loose Tube Cable - OS2	29
AFXLTR0060M1	Consult Molex	6 Fiber, Armored Loose Tube Cable - OM1	29
AFXLTR0060M3	Consult Molex	6 Fiber, Armored Loose Tube Cable - OM3	29
AFXLTR0060M4	Consult Molex	6 Fiber, Armored Loose Tube Cable - OM4	29
AFXLTR0060S2	Consult Molex	6 Fiber, Armored Loose Tube Cable - OS2	29
AFXLTR0120M1	Consult Molex	12 Fiber, Armored Loose Tube Cable - OM1	29
AFXLTR0120M3	Consult Molex	12 Fiber, Armored Loose Tube Cable - OM3	29
AFXLTR0120M4	Consult Molex	12 Fiber, Armored Loose Tube Cable - OM4	29
AFXLTR0120S2	Consult Molex	12 Fiber, Armored Loose Tube Cable - OS2	29
AFXLTR0240M1	Consult Molex	24 Fiber, Armored Loose Tube Cable - OM1	29
AFXLTR0240M3	Consult Molex	24 Fiber, Armored Loose Tube Cable - OM3	29
AFXLTR0240M4	Consult Molex	24 Fiber, Armored Loose Tube Cable - OM4	29
AFXLTR0240S2	180580735	24 Fiber, Armored Loose Tube Cable - OS2	29
AFXLTR0480M1	Consult Molex	48 Fiber, Armored Loose Tube Cable - OM1	29
AFXLTR0480M3	Consult Molex	48 Fiber, Armored Loose Tube Cable - OM3	29
AFXLTR0480M4	Consult Molex	48 Fiber, Armored Loose Tube Cable - OM4	29
AFXLTR0480S2	Consult Molex	48 Fiber, Armored Loose Tube Cable - OS2	29
AFXLTR0720M1	Consult Molex	72 Fiber, Armored Loose Tube Cable - OM1	29
AFXLTR0720M3	Consult Molex	72 Fiber, Armored Loose Tube Cable - OM3	29
AFXLTR0720M4	Consult Molex	72 Fiber, Armored Loose Tube Cable - OM4	29
AFXLTR0720S2	Consult Molex	72 Fiber, Armored Loose Tube Cable - OS2	29
CAA-00449P-02	1810000038	PowerCat 6A UTP Plenum, 1000ft Reel, White	7
CAA-00449P-04	1810000039	PowerCat 6A UTP Plenum, 1000ft Reel, Black	7
CAA-00449P-08	1810000040	PowerCat 6A UTP Plenum, 1000ft Reel, Gray	7
CAA-00449P-BL	1810000042	PowerCat 6A UTP Plenum, 1000ft Reel, Blue	7
CAA-00449P-GR	1810000043	PowerCat 6A UTP Plenum, 1000ft Reel, Green	7
CAA-00449P-ON	1810000041	PowerCat 6A UTP Plenum, 1000ft Reel, Orange	7
CAA-00449P-YL	1810000044	PowerCat 6A UTP Plenum, 1000ft Reel, Yellow	7
CAA-00450R-02	1810000045	PowerCat 6A UTP Riser, 1000ft, White	7
CAA-00450R-04	1810000046	PowerCat 6A UTP Riser, 1000ft, Black	7
CAA-00450R-08	1810000047	PowerCat 6A UTP Riser, 1000ft, Gray	7
CAA-00450R-BL	1810000049	PowerCat 6A UTP Riser, 1000ft, Blue	7
CAA-00450R-GR	1810000050	PowerCat 6A UTP Riser, 1000ft, Green	7
CAA-00450R-ON	1810000048	PowerCat 6A UTP Riser, 1000ft, Orange	7
CAA-00450R-YL	1810000051	PowerCat 6A UTP Riser, 1000ft, Yellow	7
CAA-0181P-02	181700030	PowerCat 6 500 Plenum Cable 1000ft Box - White	14
CAA-0181P-08	181700028	PowerCat 6 500 Plenum Cable 1000ft Box - Gray	14
CAA-0181P-BL	181700031	PowerCat 6 500 Plenum Cable 1000ft Box - Blue	14
CAA-0181R-02	181700025	PowerCat 6 500 Riser Cable 1000ft Box - White	14
CAA-0181R-08	181700023	PowerCat 6 500 Riser Cable 1000ft Box - Gray	14
CAA-0181R-BL	181700024	PowerCat 6 500 Riser Cable 1000ft Box - Blue	14
CAA-0184P-02	181700047	PowerCat 5e 4 Pair Cable, Plenum, 1000 ft Box - White	17
CAA-0184P-08	181700048	PowerCat 5e 4 Pair Cable, Plenum, 1000 ft Box - Light Gray	17
CAA-0184P-BL	181700046	PowerCat 5e 4 Pair Cable, Plenum, 1000 ft Box - Blue	17
CAA-0184R-02	181700044	PowerCat 5e 4 Pair Cable, Riser, 1000 ft Box - White	17

Order No. Reference

Order No.	SAP No.	Description	Page
CAA-0184R-08	181700045	PowerCat 5e 4 Pair Cable, Riser, 1000 ft Box - Light Gray	17
CAA-0184R-BL	181700043	PowerCat 5e 4 Pair Cable, Riser, 1000 ft Box - Blue	17
CAA-0195P-02	181740024	PowerCat 6 U/UTP 4 Pair Cable, CMP Plenum, PVC Alloy, 1000ft Reel in a box - White	13
CAA-0195P-08	181740025	PowerCat 6 U/UTP 4 Pair Cable, CMP Plenum, PVC Alloy, 1000ft Reel in a box - Light Gray	13
CAA-0195P-BL	181740023	PowerCat 6 U/UTP 4 Pair Cable, CMP Plenum, PVC Alloy, 1000ft Reel in a box - Blue	13
CAA-0195P-GR	181740031	PowerCat 6 U/UTP 4 Pair Cable, CMP Plenum, PVC Alloy, 1000ft Reel in a box - Green	13
CAA-0195P-YL	181740030	PowerCat 6 U/UTP 4 Pair Cable, CMP Plenum, PVC Alloy, 1000ft Reel in a box - Yellow	13
CAA-0195R-02	181740027	PowerCat 6 U/UTP Cable, 4 Pair, CMR Riser, PVC, 1000ft Reel in a box - White	13
CAA-0195R-08	181740028	PowerCat 6 U/UTP Cable, 4 Pair, CMR Riser, PVC, 1000ft Reel in a box - Gray	13
CAA-0195R-BL	181740026	PowerCat 6 U/UTP Cable, 4 Pair, CMR Riser, PVC, 1000ft Reel in a box - Blue	13
CAA-0195R-GR	181740034	PowerCat 6 U/UTP Cable, 4 Pair, CMR Riser, PVC, 1000ft Reel in a box - Green	13
CAA-0195R-YL	181740033	PowerCat 6 U/UTP Cable, 4 Pair, CMR Riser, PVC, 1000ft Reel in a box - Yellow	13
CAA-0320P-02	183020005	PowerCat6A F/UTP 4 Pair Cable, Plenum, 1000 ft Reel - White	8
CAA-0320P-08	183020003	PowerCat6A F/UTP 4 Pair Cable, Plenum, 1000 ft Reel - Gray	8
CAA-0320P-BL	183020004	PowerCat6A F/UTP 4 Pair Cable, Plenum, 1000 ft Reel - Blue	8
CAA-0320R-02	183020008	PowerCat6A F/UTP 4 Pair Cable, Riser, 1000 ft Reel - White	8
CAA-0320R-08	183020006	PowerCat6A F/UTP 4 Pair Cable, Riser, 1000 ft Reel - Gray	8
CAA-0320R-BL	183020007	PowerCat6A F/UTP 4 Pair Cable, Riser, 1000 ft Reel - Blue	8
CAA0195P-3KBL	181740029	PowerCat 6 U/UTP 4 Pair Cable, CMP Plenum, PVC Alloy, 3000ft Reel - Blue	13
CMA-00085	181050006	1U Horizontal Cable Manager	72
CMA-00087	181050008	2U Horizontal Cable Manager	72
CMA-00111	181050048	Front Cable Manager for 1U Multi-Function Fiber Enclosure Gen II	33
CMA-00113	180150012	Spare Key (1)	69
CMA-00114	180140065	Cable Entry Grommets (Pk of 4)	69
CMA-00115	180140066	Spare Fabric Filters (Pk of 3)	69
CPT-00004	180080020	Multi User Telecommunications Outlet (MUTO)	79
CPT-00054	180080086	Zone Enclosure Chassis (unloaded) with cover, black	69
CPT-00055	180080088	In-Ceiling Zone Enclosure	69
CPT-00056	180080089	Cable Management Plate with brush strip and fiber cable apertures, black	69
CPT-00057	180080090	12 Port DataGate Jack Plate unloaded, black	69
CPT-00058	180080091	2 Aperture Carrier Plate, unloaded, black (accepting 2x12F Loaded Adapter Plates, supplied separately)	69
CSP-00021-**	Consult Molex	Blank Connector Icon Labels 6-Pack (Bag of 10)	9, 13, 14, 17, 22
CSP-00022-**	Consult Molex	Data Connector Icon Labels 6-Pack (Bag of 10)	13, 14, 17, 22
CSP-00023-**	Consult Molex	Voice Connector Icon Labels 6-Pack (Bag of 10)	13, 14, 17, 22
CSP-00030	Consult Molex	Fiber Adapter Screw (24 pack)	33
CSP-00039	181170026	Spare Fixing Kit for PID-00257 or PID-00289 includes both Metric and Imperial Fittings	20
FOTA-ABCDD	Consult Molex	Attenuator	62
FSA-00055	183670001	Splitter Box 1 X 8 SC SM Low Loss	62
FSA-00056	183670002	Splitter Box 2Pcs 1 X 8 LC SM Low Loss	62
FSA-00057	183670003	Splitter Box 1 X 8 SC GRN APC SM Low Loss	62
FSA-00058	183670004	Splitter Box 2Pcs 1 X 8 LC GRN APC SM Low Loss	62
HFR-10144	180660136	HD Fiber Enclosure 1U 144F, Black	31
HFR-14401	181810303	HD Cassette 24F 2XMTP(M)-LCD LL OS2, Black	31
HFR-14402	181810304	HD Cassette 24F 2XMTP(M)-LCD LL OM3, Black	31
HFR-14403	181810305	HD Cassette 24F 2XMTP(M)-LCD LL OM4, Black	31
HFR-14404	181810306	HD Cassette 24F 2XMTP(M)-LCD LL OM5, Black	31
HFR-14405	181810307	HD Cassette 24F 3XMTP(M)-LCD LL OS2, Black	31
HFR-14406	181810308	HD Cassette 24F 3XMTP(M)-LCD LL OM3, Black	31
HFR-14407	181810309	HD Cassette 24F 3XMTP(M)-LCD LL OM4, Black	31
HFR-14408	181810310	HD Cassette 24F 3XMTP(M)-LCD LL OM5, Black	31
HFR-14409	181810311	HD Cassette 24F 1XMTP(M)-LCD LL OS2, Black	31
HFR-14410	181810312	HD Cassette 24F 1XMTP(M)-LCD LL OM3, Black	31
HFR-14411	181810313	HD Cassette 24F 1XMTP(M)-LCD LL OM4, Black	31
HFR-14412	181810314	HD Cassette 24F 1XMTP(M)-LCD LL OM5, Black	31
HFR-14413	181810315	HD Cassette 24F LCD Pigtail LL OS2, Black	31
HFR-14414	181810316	HD Cassette 24F LCD Pigtail LL OM3, Black	31
HFR-14415	181810317	HD Cassette 24F LCD Pigtail LL OM4, Black	31
HFR-14416	181810318	HD Cassette 24F LCD Pigtail LL OM5, Black	31
HFR-14417	181810319	HD Cassette SM 12XMTP Adapter, Black	31
HFR-14418	181810320	HD Cassette MM 12XMTP Adapter, Black	31
HFR-14419	181810325	HD Cassette OS2 24F 2XMPO(M)-LCD LL, Black	31
HFR-14420	181810326	HD Cassette OM3 24F 2XMPO(M)-LCD LL, Black	31
HFR-14421	181810327	HD Cassette OM4 24F 2XMPO(M)-LCD LL, Black	31
HFR-14422	181810328	HD Cassette 24F LCD Pigtail LL OM5, Black	31
HKSJ-00005-02	181170043	Antimicrobial Single Position Blank - White, 25 per Bag	12
HMGB-00002-02	181170044	Antimicrobial Blank Module	12
HMGB-00006-02	182910001	Antimicrobial Module Contura FTP 568A B C6A, White	12
HMLG-00021-02	181720063	Legrand Module 22.5x45 C6, Antimicrobial Loaded - White	12
HMLG-00030-02	182930002	Legrand Module 22.5x45 C6A, Antimicrobial Loaded - White	12
HPCD-07000-0W	183162394	Medical Grade Antimicrobial Patch Cord Cat6A Shielded, L50H, White - 1.0m	12
HPCD-07001-0W	183162395	Medical Grade Antimicrobial Patch Cord Cat6A Shielded, L50H, White - 2.0m	12
HPCD-07002-0W	183162396	Medical Grade Antimicrobial Patch Cord Cat6A Shielded, L50H, White - 3.0m	12
HPCD-07003-0W	183162397	Medical Grade Antimicrobial Patch Cord Cat6A Shielded, L50H, White - 5.0m	12
HSBX-00004-02	181350011	Surface Box Miniline, 1P, Anti-Microbial - White	12
HSSY-00014-02	181340033	Modular Synergy Surface Box, 2P, Antimicrobial Unloaded - White	12
HWGB-00001-02	181170041	Antimicrobial Contura Wallplate with Grid Plate - Single Gang, White	12
HWGB-00002-02	181170042	Antimicrobial Contura Wallplate with Grid Plate - Double Gang, White	12
HWJP-00057-02	181280058	Keystone Wallplate 86x86, 1P, Antimicrobial - White	12
HWJP-00058-02	181280059	Keystone Wallplate 86x86, 2P, Antimicrobial - White	12
HWJP-00059-02	181280060	Keystone Wallplate 86x86, 4P, Antimicrobial - White	12
KFR-00008	180600025	45mm Fusion Splice Protector - 2.4mm (o.d.)	32
KFR-00009	180600026	61mm Fusion Splice Protector - 2.4mm (o.d.)	32
KFR-00040	182680005	45mm Fusion Splice Protector - 2.2mm (o.d.)	32
KFR-00052	Consult Molex	24 Fiber Fusion Splice Holder	32, 69
KFR-00053	182680049	Self Adhesive Cable Management Hub (2 pcs/bag), Black	32, 69
KSJ-00005-0+	Consult Molex	Single Position Blank Module (Bag of 25)	21
KSJ-00018-**	Consult Molex	PowerCat 6 DataGate Jack, 568A/B	14, 22
KSJ-00024-**	Consult Molex	PowerCat 5e DataGate Jack, 568A/B - Shuttered	17, 22

Order No. Reference

Order No.	SAP No.	Description	Page
KSJ-00032.**	Consult Molex	Keystone Jack, Category 5e, 8W, 568A/B	18, 21
KSJ-00033.**	Consult Molex	Keystone Jack, Category 6, 8W, 568A/B	14, 20
KSJ-00064.**	Consult Molex	Keystone Blank	20
KSJ-00092	183010127	Jack C6A Shielded IP67 568A/B	11
KSJ-00096.**	Consult Molex	PowerCat 6A DataGate Shielded Straight and Side Entry Jack	8, 21
KSJ-00099-02	1810020009	Keystone Jack C6A UTP 568A/B Gen II - White	20
KSJ-00099-04	1810020010	Keystone Jack C6A UTP 568A/B Gen II - Black	20
KSJ-00099-05	1810020011	Keystone Jack C6A UTP 568A/B Gen II - Ivory	20
KSJ-00099-08	1810020012	Keystone Jack C6A UTP 568A/B Gen II - Gray	20
KSJ-00099-BL	1810020013	Keystone Jack C6A UTP 568A/B Gen II - Blue	20
KSJ-00099-RD	1810020014	Keystone Jack C6A UTP 568A/B Gen II - Red	20
KSJ-00099-YL	1810020015	Keystone Jack C6A UTP 568A/B Gen II - Yellow	20
KSP-00001	183010086	Category 6A Field Termination Plug	8
KSP-00002	180190012	Category 6A Field Termination Plug, STP, Right Angle	8
MJF-103729	182620090	7-way Armored Pathway - 12.7/10mm	44
MJF-104560	182640056	4-way HDPE Pathway - 12.7/10mm FuturePath "Flex"	44
MJF-104562	Consult Molex	4-way HDPE Pathway - 18/14mm FuturePath "Flex"	44
MJF-104563	Consult Molex	6-way HDPE Pathway - 12.7/10mm FuturePath "Flex"	44
MJF-104565	182640069	8-way HDPE Pathway - 12.7/10mm FuturePath "Flex"	44
MJF-104594-***	182640014	7-way Riser Pathway - 8.5/6mm	44
MJF-104610	182620084	7-way Riser Pathway - 12.7/10mm	44
MJF-104624-***	182640050	2-way HDPE Pathway - 8.5/6mm	44
MJF-104664-***	182640132	12-way HDPE Pathway - 8.5/6mm	44
MJF-104669-***	182640052	24-way HDPE Pathway - 8.5/6mm	44
MJF-104813	182640068	7-way HDPE Pathway - 12.7/10mm	44
MJF-104858-***	182640013	19-way Plenum Pathway - 8.5/6mm	44
MJF-104888	182640148	4-way Armored Pathway - 8.5/6mm	44
MJF-104889	182640147	7-way Armored Pathway - 8.5/6mm	44
MJF-104890	182640141	19-way Armored Pathway - 8.5/6mm	44
MJF-104891	182620089	4-way Armored Pathway - 12.7/10mm	44
MJF-104897	Consult Molex	2-way HDPE Pathway - 12.7/10mm FuturePath "Flex"	44
MJF-106770-***	182640051	19-way HDPE Pathway - 8.5/6mm	44
MJF-107408	182620085	1-way Plenum Pathway - 12.7/10mm	44
MJF-107545	182620079	4-way HDPE Pathway - 12.7/10mm	44
MJF-108028	Consult Molex	6-way HDPE Pathway - 18/14mm FuturePath "Flex"	44
MJF-108755-***	182640129	1-way Plenum Pathway - 8.5/6mm	44
MJF-108757	182620081	1-way Riser Pathway - 12.7/10mm	44
MJF-108758-***	182640053	1-way Riser Pathway - 8.5/6mm	44
MJF-108854	182620078	2-way HDPE Pathway - 12.7/10mm	44
MJF-108857	Consult Molex	3-way HDPE Pathway - 12.7/10mm	44
MJF-108873	Consult Molex	3-way HDPE Pathway - 8.5/6mm UV Blk Jac	44
MJF-108881-***	182640073	12-way HDPE Pathway - 8.5/6mm UV Blk Jac	44
MJF-108886	182640156	3-way HDPE Pathway - 8.5/6mm	44
MJF-108887-***	182640011	4-way HDPE Pathway - 8.5/6mm	44
MJF-108888-***	182640072	7-way HDPE Pathway - 8.5/6mm	44
MJF-108946	182620086	2-way Plenum Pathway - 12.7/10mm	44
MJF-108947	Consult Molex	3-way Plenum Pathway - 12.7/10mm	44
MJF-108948	182620087	4-way Plenum Pathway - 12.7/10mm	44
MJF-108949	182620088	7-way Plenum Pathway - 12.7/10mm	44
MJF-108952	182620082	2-way Riser Pathway - 12.7/10mm	44
MJF-108954	Consult Molex	3-way Riser Pathway - 12.7/10mm	44
MJF-108956	182620083	4-way Riser Pathway - 12.7/10mm	44
MJF-108980-***	182640017	12-way Riser Pathway - 8.5/6mm	44
MJF-108982-***	182640031	19-way Riser Pathway - 8.5/6mm	44
MJF-108985-***	182640018	24-way Riser Pathway - 8.5/6mm	44
MJF-108986-***	182640054	2-way Riser Pathway - 8.5/6mm	44
MJF-108989	Consult Molex	3-way Riser Pathway - 8.5/6mm	44
MJF-108990-***	182640055	4-way Riser Pathway - 8.5/6mm	44
MJF-109421-***	182640037	2-way HDPE Pathway - 8.5/6mm w/Tracer	44
MJF-109427-***	182640045	12-way HDPE Pathway - 8.5/6mm w/Tracer	44
MJF-109430-***	182640041	24-way HDPE Pathway - 8.5/6mm w/Tracer	44
MJF-109433-***	182640040	19-way HDPE Pathway - 8.5/6mm w/Tracer	44
MJF-109437	Consult Molex	3-way HDPE Pathway - 8.5/6mm w/Tracer	44
MJF-109438-***	182640038	4-way HDPE Pathway - 8.5/6mm w/Tracer	44
MJF-109439-***	182640039	7-way HDPE Pathway - 8.5/6mm w/Tracer	44
MJF-109440-***	182640074	4-way HDPE Pathway - 8.5/6mm UV Blk Jac	44
MJF-109443	182640039	7-way HDPE Pathway - 12.7/10mm w/Tracer	44
MJF-109444	182640038	4-way HDPE Pathway - 12.7/10mm w/Tracer	44
MJF-109447	Consult Molex	2-way HDPE Pathway - 12.7/10mm w/Tracer	44
MJF-109450	Consult Molex	3-way HDPE Pathway - 12.7/10mm w/Tracer	44
MJF-109458-***	182640075	2-way HDPE Pathway - 8.5/6mm UV Blk Jac	44
MJF-109462-***	182640034	19-way HDPE Pathway - 8.5/6mm UV Blk Jac	44
MJF-109485-***	182640009	7-way HDPE Pathway - 8.5/6mm UV Blk Jac	44
MJF-110044	Consult Molex	2-way HDPE Pathway - 18/14mm FuturePath "Flex"	44
MJF-110093-***	182640010	2-way Plenum Pathway - 8.5/6mm	44
MJF-110094-***	182640128	4-way Plenum Pathway - 8.5/6mm	44
MJF-110096-***	182640130	3-way Plenum Pathway - 8.5/6mm	44
MJF-110098-***	182640012	7-way Plenum Pathway - 8.5/6mm	44
MJF-110100-***	182640029	12-way Plenum Pathway - 8.5/6mm	44
MJF-110104-***	182640030	24-way Plenum Pathway - 8.5/6mm	44
MJF-110321-***	182640076	24-way HDPE Pathway - 8.5/6mm UV Blk Jac	44
MJF-200695	182640049	24 Fiber, Microcable Riser - OM3	42
MJF-200696	180560066	48 Fiber, Microcable Riser - OM4	42
MJF-200729	182640032	24 Fiber, Microcable Riser - OS2	42
MJF-200730	Consult Molex	48 Fiber, Microcable Riser - OS2	42
MJF-201451	182640019	48 Fiber, Microcable Plenum - OS2	42
MJF-201462	Consult Molex	Coupler - 5mm	46
MJF-201463	Consult Molex	Coupler - 7mm	46

Order No. Reference

Order No.	SAP No.	Description	Page
MJF-201482	182640062	End Cap - Airtight 12.7mm	46
MJF-201484	Consult Molex	End Cap - 12mm	46
MJF-201523	182640133	Plugs - 8.5mm End Plug (HPDE and Riser only)	46
MJF-201712	182640020	Connector - 8.5mm Bulkhead Connector w/lock ring 8.5mm	46
MJF-201719	181050052	8.5mm Duct Top Mounting Bracket, each bracket secures a row of 8 ducts, with 3 screws.	46
MJF-201745	182540012	Cutter - Round MicroDuct	46
MJF-201801	Consult Molex	Connector - 5mm Gas Block	46
MJF-201803	182540014	Cutter - Ratchet 2in	46
MJF-201819	182660008	End Cap - Airtight 8.5mm BCA 8.5mm Cap	46
MJF-201831	Consult Molex	Coupler - 10mm	46
MJF-201832	182640059	Coupler 12.7mm Straight Connector Clear w/gray tips 22-32	46
MJF-201834	182660007	Coupler 8.5mm Straight Connector Clear w/blue tips	46
MJF-201856	182540011	Cutter - MD Duct 8-19mm OD	46
MJF-201866	182540015	Microduct Coupler Collet Unlocking Tool	46
MJF-201881	Consult Molex	Coupler - Reducer 10mm - 8.5mm	46
MJF-201883	182640137	Coupler - Transition 8.5mm to 5mm Microduct	46
MJF-201884	182650001	Coupler - Transition 8.5mm to 8mm Microduct	46
MJF-201915	182660000	Connector - Deta D 8.5mm x 2	46
MJF-201916	182660001	Connector - Deta D 8.5mm x 4	46
MJF-201917	182660002	Connector - Deta D 8.5mm x 7	46
MJF-201918	182640021	Connector - Deta D 8.5mm x 12	46
MJF-201919	182660003	Connector - Deta D 8.5mm x 19	46
MJF-201920	182640022	Connector - Deta D 8.5mm x 24	46
MJF-201923	182680035	Cutter - Ratchet 1-1/2"	46
MJF-201929	182620092	Bracket - 12.7mm Microduct Mounting Bracket	46
MJF-201937	182540016	Slitter Longitudinal	46
MJF-201939	Consult Molex	Coupler - Transition 12.7mm x 12mm	46
MJF-202104	182660009	Connector - Gas Block 8.5/6mm for cable 3.3-4.0mm	46
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.	46
MJF-202121	182620091	Bracket - 12.7mm Microduct MT Plate B&C 22-45	46
MJF-202828	182640060	Plugs - 12.7mm End Plug	46
MJF-202848	182640151	12 Fiber, Microcable Riser - OM1	42
MJF-202866	182640047	12 Fiber, Microcable Riser - OS2	42
MJF-202883	Consult Molex	48 Fiber, Microcable Riser - OM3	42
MJF-202884	182640015	Enclosure - MDB Box 16x14x8 Nema 12 JIC 1Door Continuous Hinge Wall Mount	46
MJF-202960	182640046	6 Fiber, Microcable Riser - OS2	42
MJF-202961	182640150	6 Fiber, Microcable Riser - OM1	42
MJF-202962	182640152	24 Fiber, Microcable Riser - OM1	42
MJF-202963	182640153	48 Fiber, Microcable Riser - OM1	42
MJF-202964	Consult Molex	6 Fiber, Microcable Riser - OM2	42
MJF-202965	Consult Molex	12 Fiber, Microcable Riser - OM2	42
MJF-202966	Consult Molex	24 Fiber, Microcable Riser - OM2	42
MJF-202967	Consult Molex	48 Fiber, Microcable Riser - OM2	42
MJF-202968	Consult Molex	6 Fiber, Microcable Riser - OM3	42
MJF-202969	182640048	12 Fiber, Microcable Riser - OM3	42
MJF-202970	180560063	6 Fiber, Microcable Riser - OM4	42
MJF-202971	180560064	12 Fiber, Microcable Riser - OM4	42
MJF-202972	180560065	24 Fiber, Microcable Riser - OM4	42
MJF-202973	182660005	6 Fiber, Microcable Plenum - OS2	42
MJF-202974	182640033	12 Fiber, Microcable Plenum - OS2	42
MJF-202975	182640035	24 Fiber, Microcable Plenum - OS2	42
MJF-202976	Consult Molex	6 Fiber, Microcable Plenum - OM1	42
MJF-202977	Consult Molex	12 Fiber, Microcable Plenum - OM1	42
MJF-202978	Consult Molex	24 Fiber, Microcable Plenum - OM1	42
MJF-202979	Consult Molex	48 Fiber, Microcable Plenum - OM1	42
MJF-202980	Consult Molex	6 Fiber, Microcable Plenum - OM2	42
MJF-202981	Consult Molex	12 Fiber, Microcable Plenum - OM2	42
MJF-202982	Consult Molex	24 Fiber, Microcable Plenum - OM2	42
MJF-202983	Consult Molex	48 Fiber, Microcable Plenum - OM2	42
MJF-202984	180560068	6 Fiber, Microcable Plenum - OM3	42
MJF-202985	180560069	12 Fiber, Microcable Plenum - OM3	42
MJF-202986	180560070	24 Fiber, Microcable Plenum - OM3	42
MJF-202987	180560071	48 Fiber, Microcable Plenum - OM3	42
MJF-202988	180560059	6 Fiber, Microcable Plenum - OM4	42
MJF-202989	Consult Molex	12 Fiber, Microcable Plenum - OM4	42
MJF-202990	180560060	24 Fiber, Microcable Plenum - OM4	42
MJF-202991	Consult Molex	48 Fiber, Microcable Plenum - OM4	42
MJF-203016	182640138	Coupler - Transition 8mm to 5mm Microduct	46
MJF-203017	182640061	Connector - Bulk Head w/lock Ring 12.7mm	46
MJF-203018	182650002	Close Down Assembly - 8.5mm	46
MJF-203021	182660004	Enclosure - MDB BOX 20x20x7 Nema 12 JIC 1Door Continuous Hinge Wall Mount	46
MJF-203048	182640139	Connector - Deta D 8.5mm x 1	46
MJF-203049	182640140	Connector - Deta D 8.5mm x 3	46
MJF-203050	182640064	Connector - Deta 12.7mm X 1	46
MJF-203051	182640065	Connector - Deta 12.7mm X 2	46
MJF-203052	Consult Molex	Connector - Deta 12.7mm X 3	46
MJF-203053	182640066	Connector - Deta 12.7mm X 4	46
MJF-203054	182640067	Connector - Deta 12.7mm X 7	46
MJF-203136	182680043	EQ Fanout Kit - 3.0mm Tube 12 Fiber X 24in	46
MJF-203201	182640043	72 Fiber, Microcable Riser - OS2	42
MJF-203262	Consult Molex	Coupler - Transition 12mm x 10mm	46
MJF-203272	180560067	72 Fiber, Microcable Riser - OM4	42
MJF-203314	182680067	EQ Fanout Kit - 3.0mm Tube 6 Fiber X 24in	46
MJF-203333	182640154	72 Fiber, Microcable Riser - OM1	42
MJF-203334	Consult Molex	72 Fiber, Microcable Riser - OM2	42
MJF-203335	Consult Molex	72 Fiber, Microcable Riser - OM3	42
MJF-203337	Consult Molex	72 Fiber, Microcable Plenum - OS2	42
MJF-203338	Consult Molex	72 Fiber, Microcable Plenum - OM1	42
MJF-203339	Consult Molex	72 Fiber, Microcable Plenum - OM2	42

Order No. Reference

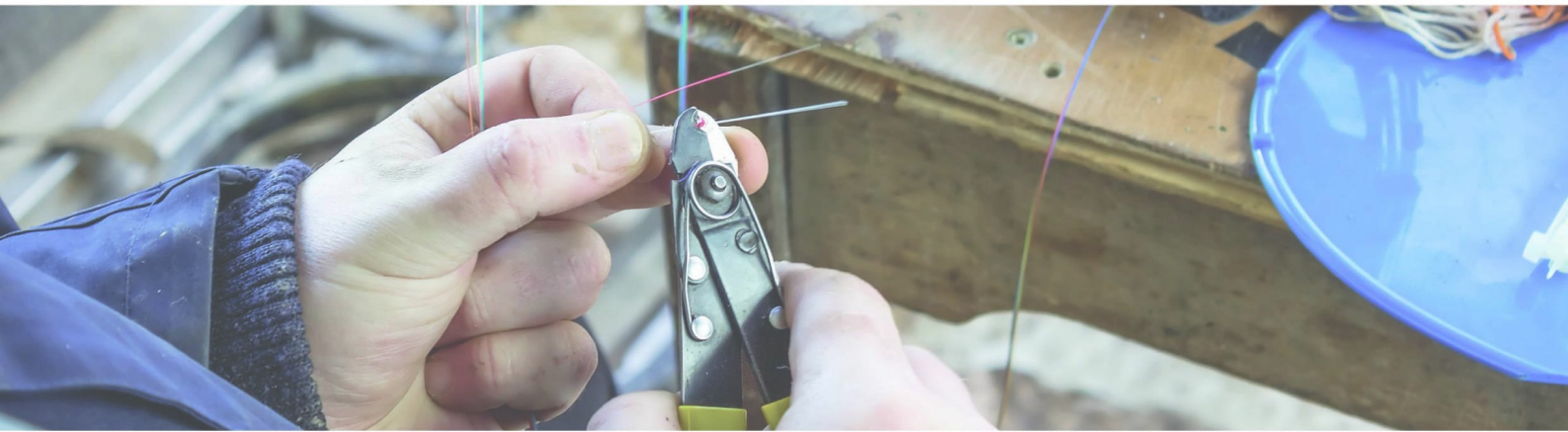
Order No.	SAP No.	Description	Page
MJF-203340	180560072	72 Fiber, Microcable Plenum - OM3	42
MJF-203341	180560062	72 Fiber, Microcable Plenum - OM4	42
MJF-203363	182640063	Connector - Gas Block 12.7/10mm for cable 5mm - 8mm	46
MJF-203498	Consult Molex	Coupler - Transition 12.7mm x 10mm	46
MJF-203525	181050051	EQ Cable Router Kit - 6 Fiber	46
MJF-203630	182640044	96 Fiber, Microcable Riser - OS2	42
MJF-203631	Consult Molex	96 Fiber, Microcable Plenum - OS2	42
MJF-203768	182650003	Longitudinal Sheath Slitter	46
MJF-203843	Consult Molex	Connector - Gas Block 10mm	46
MJF-203845	Consult Molex	Enclosure - Wall Mount Multi-Cable Distribution Enclosure, Black EA	46
MJF-203846	Consult Molex	MDS Stand-Off Brackets for Ladder Rack Mount (PAIR)	46
MJF-203847	Consult Molex	Bulkhead Plate - MDS 2.5" Cable Opening and Strain Support 2-Slot EA	46
MJF-203848	Consult Molex	Bulkhead Plate - MDS 8 Position EA 8.5mm 2-Slot	46
MJF-203849	Consult Molex	Bulkhead Plate - MDS L-Type 6 Position 8.5mm 1 Slot EA	46
MJF-203850	182640058	Bulkhead Plate - MDS L-Type 3 Position 12.7mm 2 Slot EA	46
MJF-203851	Consult Molex	Bulkhead Plate - R & M L-Type, Blank EA	46
MJF-203852	Consult Molex	Hose Clamp SAE 12, .5" - 1.25" E	46
MJF-203853	Consult Molex	Cable Tie - 15" 50 lb UV Black EA	46
MJF-203854	Consult Molex	MDS Replacement Screw, 10/32 x 1/4" Panhead Black EA	46
MJF-203855	Consult Molex	MDS Ladder Bracket Screw 10/32 x 5/16" Panhead Black EA	46
MJF-203856	Consult Molex	MDS Wall Mount Screw, 1" EA	46
MJF-203857	Consult Molex	MDS 2.5mm Web Grommet EA	46
MJF-203858	Consult Molex	Hose Clamp 1.25"-2.25" EA	46
MJF-203865	182640071	EQ Cable Router Kit - 8 Fiber	46
MJF-204030	182680040	HT Microduct Proofing Test BB 4.8mm (8.5/6mm FP)	46
MJF-204031	Consult Molex	HT Microduct Proofing Test BB 7.9mm (12.7/10mm FP)	46
MJF-204133	182640131	36 Fiber, Microcable Riser - OS2	42
MJF-204656	182640023	LM series, Microcable 288 ST 5M, OSP Blk JAC	42
MLCDLC120M1	181810142	12 Port ModLink Cassette, Duplex LC, OM1 62.5µm	59
MLCDLC120M2	181810147	12 Port ModLink Cassette, Duplex LC, OM2 50µm	59
MLCDLC120M3L	Consult Molex	12 Port ModLink Cassette, Duplex LC, OM3 50µm, Low Loss	59
MLCDLC120M4L	181810172	12 Port ModLink Cassette, Duplex LC, OM4 50µm, Low Loss	59
MLCDLC120M5	Consult Molex	12 Port ModLink Cassette, Duplex LC, OM5	59
MLCDLC120M5L	Consult Molex	12 Port ModLink Cassette, Duplex LC, OM5, Low Loss	59
MLCDLC120S2L	181810173	12 Port ModLink Cassette, Duplex LC, OS2	59
MLCDSC120M3L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM3 50µm, Low Loss	59
MLCDSC120M4L	181810167	12 Port ModLink Cassette, Duplex SC, OM4 50µm, Low Loss	59
MLCDSC120M5	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM5	59
MLCDSC120M5L	Consult Molex	12 Port ModLink Cassette, Duplex SC, OM5, Low Loss	59
MLCDSC120S2L	181810166	12 Port ModLink Cassette, Duplex SC, OS2	59
MLCQLC120M1	180370268	12 Port ModLink Cassette, Quad LC, OM1 62.5µm	59
MLCQLC120M2	180370267	12 Port ModLink Cassette, Quad LC, OM2 50µm	59
MLCQLC120M3L	181810177	12 Port ModLink Cassette, Quad LC, OM3 50µm, Low Loss	59
MLCQLC120M4L	181810176	12 Port ModLink Cassette, Quad LC, OM4 50µm, Low Loss	59
MLCQLC120M5	Consult Molex	12 Port ModLink Cassette, Quad LC, OM5	59
MLCQLC120M5L	Consult Molex	12 Port ModLink Cassette, Quad LC, OM5 Multimode, Low Loss	59
MLCQLC120S2L	181810175	12 Port ModLink Cassette, Quad LC, OS2	59
MLCQLC240M1	Consult Molex	24 Port ModLink Cassette, Quad LC, OM1 62.5µm	59
MLCQLC240M2	Consult Molex	24 Port ModLink Cassette, Quad LC, OM2 50µm	59
MLCQLC240M3L	Consult Molex	24 Port ModLink Cassette, Quad LC, OM3, 50µm, Low Loss	59
MLCQLC240M4L	181810171	24 Port ModLink Cassette, Quad LC, OM4, 50µm, Low Loss	59
MLCQLC240M5	Consult Molex	24 Port ModLink Cassette, Quad LC, OM5	59
MLCQLC240M5L	Consult Molex	24 Port ModLink Cassette, Quad LC, OM5, Low Loss	59
MLCQLC240S2L	Consult Molex	24 Port ModLink Cassette, Quad LC, OS2, Low Loss	59
MPLCXXXXXXX	Consult Molex	PLC Splitter	63
MUS-00040-**-	Consult Molex	USO II MDL-DBL BNC	77
MUS-00042-**-	Consult Molex	USO II MDL-F VIDEO	77
MUS-00045-**-	Consult Molex	USO II MDL-SC/SC 5M	77
MUS-00048-**-	Consult Molex	USO II MDL-SC/SC MM	77
MUS-00074-**-	Consult Molex	USO II 2U MDL-3xSC/SC MM	77
MUS-00095-**-	Consult Molex	15 Pin HD D-Sub Coupler Fascia (Bag of 10)	77
MUS-00096-**-	Consult Molex	FASCIA USO II 1P	77
MUS-00096-0*	Consult Molex	USO II Single Port Fascia - Unloaded (bag of 25)	75
MUS-00097-**-	Consult Molex	FASCIA USO II 2P	77
MUS-00097-0*	Consult Molex	USO II Double Port Fascia - Unloaded (bag of 25)	75
MUS-00185-**-	Consult Molex	MOD BLANK USO II	77
OSB-00001-02	181350007	1 Port Keystone Surface Mount Box - White	10, 16, 19
PCD-01040-**-	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 0.5m (1.6ft)	18
PCD-01041-**-	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 1m (3.2ft)	18
PCD-01042-**-	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 2m (6.5ft)	18
PCD-01043-**-	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 3m (9.8ft)	18
PCD-01044-**-	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC - 5m	18
PCD-01045-**-	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 5m (16ft)	18
PCD-01046-**-	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 10m (32ft)	18
PCD-01047-**-	Consult Molex	PowerCat 5e Unshielded Patch Cord PVC - 1.5m (4.9ft)	18
PCD-02040-**-	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 0.5m (1.6ft)	15
PCD-02041-**-	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 1m (3ft)	15
PCD-02042-**-	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 2m (6.5ft)	15
PCD-02043-**-	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 3m (9.8ft)	15
PCD-02044-**-	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 5m (16ft)	15
PCD-02045-**-	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 7m (22ft)	15
PCD-02046-**-	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 10m (32ft)	15
PCD-02047-**-	Consult Molex	PowerCat 6 U/UTP Patch Cord PVC - 1.5m (5ft)	15
PCD-02401-**-	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 1m (3ft)	15
PCD-02402-**-	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 2m (6.5ft)	15
PCD-02403-**-	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 3m (9.8ft)	15
PCD-02405-**-	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 5m (16ft)	15
PCD-0240A-**-	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 0.5m (1.6ft)	15
PCD-0240B-**-	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 1.5m (4.9ft)	15

Order No. Reference

Order No.	SAP No.	Description	Page
PCD-0240Z-**	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 0.3m (0.9ft)	15
PCD-02410-**	Consult Molex	PowerCat 6 Slim 28 AWG U/UTP Patch Cord PVC 10m (32ft)	15
PCD-07020-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 1.0m	9
PCD-07021-1**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 2.0m	9
PCD-07022-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 3.0m	9
PCD-07024-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 5.0m	9
PCD-07026-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 7.0m	9
PCD-07029-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 10.0m	9
PCD-07121-BK	183162207	Patch Cord C6A Shielded IP67-RJ45 1m Black	11
PCD-07122-BK	183162208	Patch Cord C6A Shielded IP67-RJ45 2m Black	11
PCD-07123-BK	183162209	Patch Cord C6A Shielded IP67-RJ45 3m Black	11
PCD-07124-BK	183162210	Patch Cord C6A Shielded IP67-RJ45 5m Black	11
PCD-07125-BK	183162211	Patch Cord C6A Shielded IP67-IP67 1m Black	11
PCD-07126-BK	183162212	Patch Cord C6A Shielded IP67-IP67 2m Black	11
PCD-07127-BK	183162213	Patch Cord C6A Shielded IP67-IP67 3m Black	11
PCD-07128-BK	183162214	Patch Cord C6A Shielded IP67-IP67 5m Black	11
PCD-07129-BK	183162325	Patch Cord C6A Shielded IP67-RJ45 1.5m Black	11
PCD-07130-BK	183162326	Patch Cord C6A Shielded IP67-IP67 1.5m Black	11
PCD-09003-3**	Consult Molex	PowerCat 6A UTP Patch Cord PVC 0.9m (3ft)	7
PCD-09005-**	Consult Molex	PowerCat 6A UTP Patch Cord PVC 1.5m (5ft)	7
PCD-09007-**	Consult Molex	PowerCat 6A UTP Patch Cord PVC 2.1m (7ft)	7
PCD-09010-**	Consult Molex	PowerCat 6A UTP Patch Cord PVC 3m (10ft)	7
PCD-09015-**	Consult Molex	PowerCat 6A UTP Patch Cord PVC 4.5m (15ft)	7
PCD-09025-**	Consult Molex	PowerCat 6A UTP Patch Cord PVC 7.6m (25ft)	7
PID-00141	182090036	PowerCat 6 24 Port Loaded Patch Panel, RJ45 568A/B UTP - 1U - Graphite	13
PID-00142	182090037	PowerCat 6 48 Port Patch Loaded Panel, RJ45 568A/B UTP - 2U - Graphite	13
PID-00154	181060021	PowerCat 5e 24 Port Angled Patch Panel RJ45 568A/B UTP - 1U	17
PID-00155	181060022	PowerCat 5e 48 Port Angled Patch Panel RJ45 568A/B UTP - 2U	17
PID-00156	182090038	PowerCat 6 24 Port Angled Patch Panel RJ45 568A/B UTP - 1U	13
PID-00157	182090039	PowerCat 6 48 Port Angled Patch Panel RJ45 568A/B UTP - 2U	13
PID-00174	181060023	PowerCat 5e 24 Port DataGate Patch Panel RJ45 568A/B UTP - 1U	17
PID-00175	181060024	PowerCat 5e 48 Port DataGate Patch Panel RJ45 568A/B UTP - 2U	17
PID-00217	182960022	PowerCat 6A 24 Port Patch Panel 568A/B Shielded - 1U	9
PID-00218	182960023	PowerCat 6A 24 Port Angled Patch Panel 568A/B Shielded - 1U	9
PID-00219	182960024	PowerCat 6A 48 Port Patch Panel 568A/B Shielded - 2U	9
PID-00220	182960025	PowerCat 6A 48 Port Angled Patch Panel 568A/B Shielded - 2U	9
PID-00257	182960026	24 Port Keystone Jack Patch Panel 1U Unloaded - US Imperial fixing kit	20
PID-00258	180810072	PowerCat 24 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 1U - Black	21
PID-00258-02	180810067	PowerCat 24 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 1U - White	21
PID-00259	180810073	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U - Black	21
PID-00259-02	180810068	PowerCat 24 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 1U - White	21
PID-00260	180810074	PowerCat 48 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 2U - Black	21
PID-00260-02	180810069	PowerCat 48 Port DataGate Flat Patch Panel, Unloaded UTP or Shielded - 2U - White	21
PID-00261	180810075	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U - Black	21
PID-00261-02	180810070	PowerCat 48 Port DataGate Angled Patch Panel, Unloaded UTP or Shielded - 2U - White	21
PID-00289	182960028	48 Port Keystone Jack Patch Panel 2U Unloaded - US Imperial fixing kit	20
RAA-00388	181020366	Fiber Optic Cross Connection Outdoor Cabinet, 288F	66
RAA-00389	181020367	Fiber Optic Cross Connection Outdoor Cabinet, 576F	66
RAA-00390	181020368	Fiber Optic Cross Connection Outdoor Cabinet, 144F	66
RAA-F-1W	181040122	Fan Unit 230V	69
RFR-00201	180660107	24-48 Port Specification Grade Fiber Enclosure - 1U	31
RFR-00202	180660108	48-96 Port Specification Grade Fiber Enclosure - 2U	31
RFR-00204	180660109	144-288 Port Specification Grade Fiber Enclosure - 4U	31
RFR-00311-BK	180660110	1U Multi-Function Fiber Enclosure Gen II	33
RFR-00312-BK	180370288	Locking Front Assembly Kit for 1U Multi-Function Fiber Enclosure Gen II	33
SBX-00001-02	181770075	1 Port Modular Surface Box, Unloaded - White - C5e and C6 only	75
SBX-00016	181320013	Backbox 1P IP67 Stainless Steel Plate 128 x 128mm White	11
SBX-00017	181320014	Backbox 2P IP67 Stainless Steel Plate 128 x 128mm White	11
SBX-00018	181320015	Backbox 4P IP67 Stainless Steel Plate 128 x 128mm White	11
SSY-00001-3**	Consult Molex	4 Port /NEMA Cutout Size Minimum - 2.812" x 1.750" Unloaded	78
SSY-00005-**	Consult Molex	3 Port /TIA 569A Cutout Size 1.345" -1.405" x 2.630" x 2.850"	78
SSY-00014-02	181340013	PowerCat 2 Port Synergy Surface Box, Unloaded - White	75
SSY-00015-02	181340016	PowerCat 4 Port Synergy Surface Box, Unloaded - White	75
SSY-00016-02	181340019	PowerCat 6 Port Synergy Surface Box, Unloaded - White	75
SUS-00001-3**	Consult Molex	USO II Uni-Fit - Unloaded	76
SUS-00002-3**	Consult Molex	USO II 1U Surface Box- Unloaded	76
SUS-00003-3**	Consult Molex	USO II 2 1U Surface Box- Unloaded	76
WDP-00002-3**	Consult Molex	2 Port Decora Style Wallplate	77
WDP-00004-3**	Consult Molex	4 Port Decora Style Wallplate	77
WFR-00018	180090008	WM12 - Graphite Gray	79
WFR-00024-02	Consult Molex	8 Port ST 601 Enclosure, Unloaded	32
WFR-00027-02	180970015	8 Port Duplex SC 601 Enclosure, Unloaded	32
WFR-00033-02	180970078	12 Port LC 601 Enclosure, Unloaded	32
WFR-00047B	180080052	24-48 Port Standard Grade Fiber Wall Mount Enclosure	32
WFR-00066	180970139	Enclosure Wallmount 2/16P Simplex SC/Duplex LC Unloaded FTTX Fiber Box	65
WFR-00068	180970142	Enclosure Wallmount Splitter Box Unloaded FTTX	65
WFR-00069	180970157	Enclosure Wallmount 24DSC Fiber Box, Adapter&Pigtail Loaded, SM, OS2	65
WFR-00070	180970158	Enclosure Wallmount 48QLC Fiber Box, Adapter & Pigtail Loaded, SM, OS2	65
WFR-00073	180970159	120 Fiber Dome Outdoor Fiber Optic Splice Enclosure	65
WFR-00074	180970160	144 Fiber Dome Outdoor Fiber Optic Splice Enclosure	65
WFR-00075	180970161	48 Fiber In-Line Outdoor Fiber Optic Splice Enclosure	65
WFR-00076	180970162	120 Fiber In-Line Outdoor Fiber Optic Splice Enclosure	65
WFR-00077	180970163	288 Fiber Dome Outdoor Fiber Optic Splice Enclosure	65
WFR-00078	180970164	48 Fiber Dome Outdoor Fiber Optic Splice Enclosure	65
WFR-00079	180970166	576 Fiber Dome Outdoor Fiber Optic Splice Enclosure	65
WFR-00082	180670020	DIN rail fiber/copper enclosure, unloaded, black, Generation II	34
WFR-00118	182870011	DIN Rail Mountable DataGate Jack Adapter	9, 16, 18
WKP-00009-02	1810010001	Keystone Jack Wallplate USA 1 Port, White	75
WKP-00010-02	1810010002	Keystone Jack Wallplate USA 2 Port, White	75

Order No. Reference

Order No.	SAP No.	Description	Page
WKP-00012-02	1810010004	Keystone Jack Wallplate USA 4 Port, White	75
WKP-00014-02	1810010006	Keystone Jack Wallplate USA 8 Port, White	75
WPJ-00007-0*	Consult Molex	1 Port Plastic Streamline Wallplate - Unloaded	75
WPJ-00008-0*	Consult Molex	2 Port Plastic Streamline Wallplate - Unloaded	75
WSS-00001	184000551	1 Port Stainless Steel Streamline Wallplate - Unloaded	76
WSS-00002	184000316	2 Port Stainless Steel Streamline Wallplate - Unloaded	76
WSS-00003	184000552	3 Port Stainless Steel Streamline Wallplate - Unloaded	76
WSS-00004	184000553	4 Port Stainless Steel Streamline Wallplate - Unloaded	76
WSS-00006	184000554	6 Port Stainless Steel Streamline Wallplate - Unloaded	76
WSS-00007	184000555	DataGate Stainless Steel Wall Phone Plate (DataGate Jack purchased separately)	77
WSY-00007-**	Consult Molex	2 Port Grid Plate	77
WSY-00008-**	Consult Molex	4 Port Grid Plate	77
WUS-00001-0*	Consult Molex	USO II Single Gang Bezel, Alpha Icons - Unloaded	75
WUS-00002-0*	Consult Molex	USO II Double Gang Bezel, Alpha Icons - Unloaded	75



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