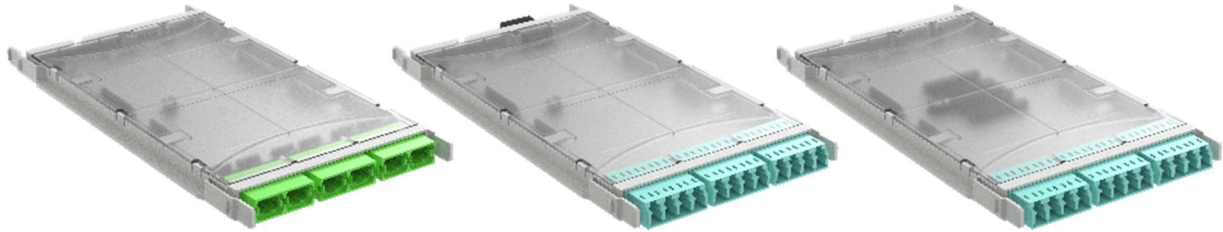


Module - 12F / 24F / 72F

High Density

Pre-terminated Modular Cassette System



Description:

Splice Modules protect and organize heat-shrink fusion spliced fibers (up to 12 or 72 fibers) inside a fiber enclosure or panel. The modular design enables faster field splicing and simple management of pigtails within the housing. Splice modules eliminate the need for individual splice trays within a fiber enclosure and provide optimal organization and slack management of fibers. Typical applications include Wide Area Networks (WAN), campuses, high-count riser buildings, government installations, data centers, and central offices.

Features:

- ✧ Modules integrate fiber adapter bulkhead (12 or 72 fibers) and splice holders, eliminating need of splice trays.
- ✧ Offered in single-mode (OS2) UPC and APC and laser-optimized multimode (OM4) fiber types in LC and MTP connectivity.
- ✧ splice module offered in pinned or unpinned.
- ✧ No proprietary tool or fixture required for fusion splicing.
- ✧ 12-fiber color-coded pigtail assembly offers capability to fusion splice individual or mass fusion ribbon splice.
- ✧ Optional patented internal shutters on LC adapters eliminate the need for dust plugs to reduce waste, speed up deployment, and ensure safer installations.
- ✧ Modular design allows for easy maintenance of individual spliced fiber and scaling up without impacting existing fibers.

Standards Compliance

- ✧ ISO9001 Certificate
- ✧ RoHS Compliant
- ✧ ISO14001 Compliant

1. Product Constructions

Fiber Count	24Fibers / 72Fibers /
Fiber Mode	Multimode: OM3 OM4 Single Mode: G657.A2
Front Connector	SC Duplex Adapter(s) / LC Quad Adapter(s) / MPO Duplex Adapter(s)
Rear Connector	MPO Adapter(s)
Polarity Type	Type A/B
Material	PC+ABS
Dimensions (HxWxD)	12x195x98mm

2. Performance Properties

Rear Connector	MPO/MTP
Insertion Loss	Multimode: Stand IL 0.6dB Max. Ultra Low IL 0.35dB Max. Single Mode: Stand IL 0.75dB Max. Ultra Low IL 0.35dB Max.
Return Loss	Multimode: ≥ 20 dB Single Mode: ≥ 60 dB
Connector Durability	Meets TIA/EIA-568.C.3A.4.9 Durability: 500 Mating Cycles

3. Performance Properties

Front Connector	LC Quad / SC Duplex / MPO Adapter(s)
Fiber Mode	Multimode / Single Mode
Material of Sleeve	Zirconia Ceramic
Insertion Loss	Multimode: UPC ≤ 0.2 dB Single Mode: APC ≤ 0.3 dB UPC ≤ 0.2 dB
Return Loss	Multimode: UPC ≥ 30 dB Single Mode: APC ≥ 60 dB UPC ≥ 50 dB

4. Environmental Characteristics

Operating Temperature	-10°C – 60°C
Storage Temperature	-10°C – 60°C

Fiber Splice Modules

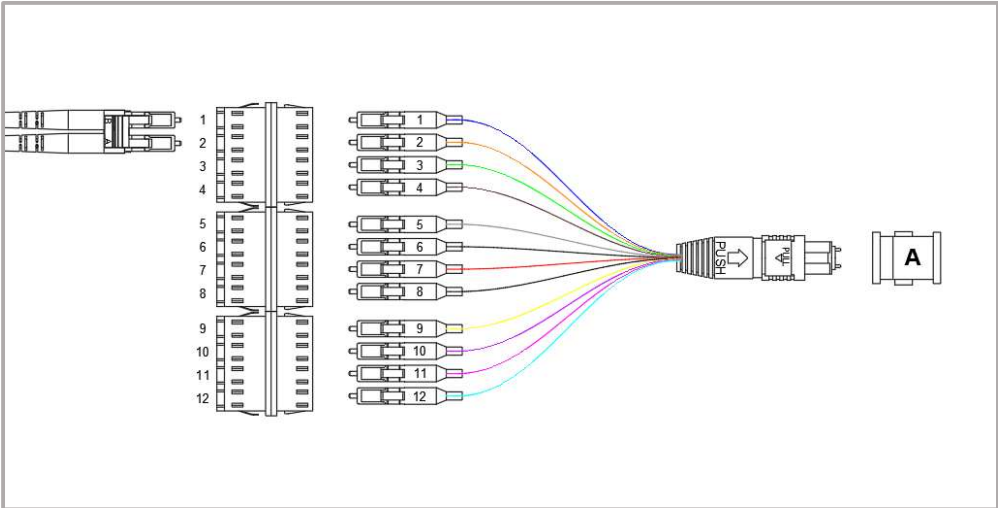
Description	Part Number
MODULE MTP/M-LC UPC 12F OM3/4 LOW LOSS	
MODULE MTP/M(APC)-LC/UPC SM BI LOW LOSS	
MODULE MTP 4 ADAPTERS OM3/4 AOQA	
MODULE MTP 6 ADAPTERS OM3/4 AOQA	
MODULE 4 SM MTP APC GREEN ADAPTER	
MODULE 6 SM MTP APC GREEN ADAPTER	
MODULE FUSION SPLICE MODULE OM3 12 LC UPC	
MODULE FUSION SPLICE MODULE OM4 12 LC UPC	
MODULE FUSION SPLICE MODULE OM4 12 LC UPC	

Polarity Illustration

In any installation, it is important to ensure that the transmitter at one end matches the corresponding receiver at the other end.

1. MODULE MTP/M-LC UPC 12F OM3/4 LOW LOSS, Type A

2. MODULE

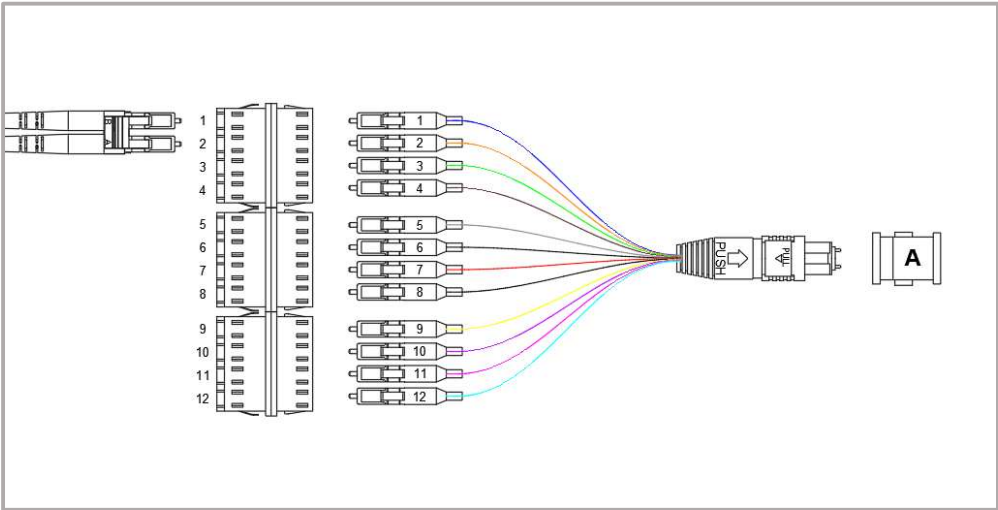


MTP/M(APC)-LC/UPC SM BI LOW LOSS, Type A

Fiber Loading

1. Package

Desc ription	Dimen sions
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Enclosure List

Box	227x100x13mm
PE Bag	240x140mm

Prodeuct Dimensions

