ADD-MPO-4LC3M9SMF

3m MPO/APC to 4xLC/UPC Duplex Yellow OS2 OFNR (Riser-Rated) 8-Strand SMF Fiber Fanout Cable

Features

- OS2 Rated
- Female MPO connectors to Male LC Connectors
- PVC Jacket
- Color: Yellow
- MPO Insertion Loss: ≤0.7dB
- MPO Return Loss: ≥60dB
- LC Insertion Loss: ≤0.2dB
- LC Return Loss: ≥55dB



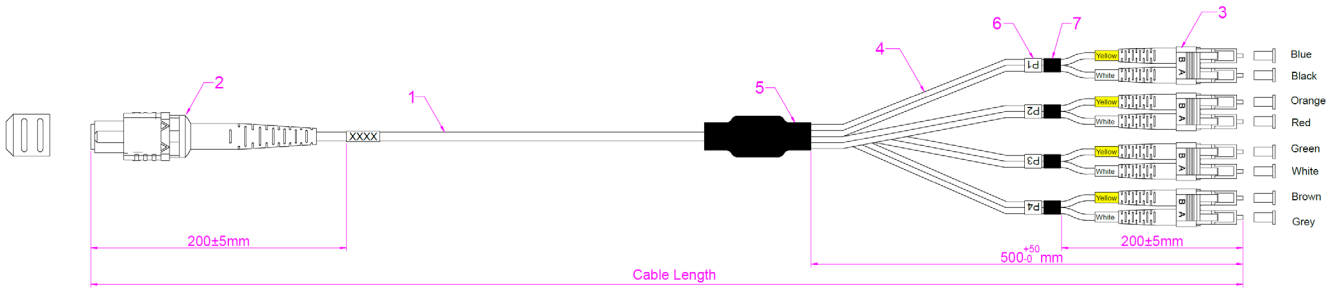
Product Description

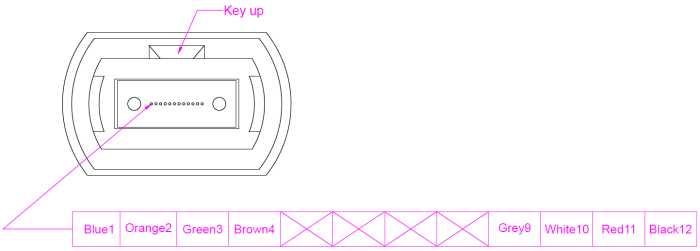
This is a 3m MPO/APC to 4xLC/UPC Duplex Yellow OS2 OFNR (Riser-Rated) 8-Strand SMF Fiber Fanout Cable. OS2 fiber optic cable is a high-performance single-mode fiber designed for long-distance data transmission, making it ideal for businesses requiring reliable and fast network connections over longer distances up to 200 kilometers. With low signal loss and the ability to support 1G to 100G speeds, ensuring efficient communication across offices, data centers, or industrial facilities. OFNR riser fiber cable jackets are designed for vertical installations in building risers, providing fire-resistant protection to ensure safe data transmission between floors. These cables meet strict safety standards, making them ideal for businesses that need reliable, in-building network infrastructure without the risk of fire spreading through conduits. The Standard Boot option provides reliable and straightforward connections for fiber cables, making it an economical choice for various networking applications. Ideal for businesses that require dependable performance without the complexity, this option ensures consistent data transmission in everyday network setups. Our cables are TIA compliant, ensuring performance for all networking needs.

Specifications

Parameter	Specifications
Environment	Indoor
Fiber Type	SMF
Connector	MPO (Female) to 8xLC (Male)
Color	Yellow
Shielded	No
Strand Count	8
Cable Mode	Multiple
Jacket Type	Riser
Termination Type	Crossover
Core/Cladding	9/125µm
Fiber Termination	APC - Angled Physical Contact
Polarity	Method B
Cable Type	OS2
Armored	No
Bend Insensitivity	G.657.A1
Connector 1 Ferrule Polish Type	APC (Angled Physical Contact)
Connector 2 Ferrule Polish Type	UPC (Ultra Physical Contact)
Insertion Loss Grade	Grade C
Fire Rating	Riser (OFNR)
Jacket Material	PVC (Polyvinyl Chloride)
Outer Diameter	3.0mm
Connector 1 Boot Style	Standard Boot
Connector 2 Boot Style	Standard Boot
Connector 1 Color	Green
Connector 2 Color	Blue
Insertion Loss (MPO)	≤0.7dB
Return Loss (MPO)	≥60dB
Insertion Loss (LC)	≤0.2dB
Return Loss (LC)	≥55dB
Cable Tolerance	
Cable Length < 1M	5cm
1M ≤ Cable Length < 15M	10cm
15M ≤ Cable Length < 30M	15cm
Cable Length ≥ 30M	Cable Length* 1%

Mechanical Specifications





Item	Quantity	Specifications
1	A/R	Ø3.0mm, Single-Mode 9/125 G657A1, 8 Fibers Single Jacket Micro Cable, PVC, Color: Yellow
2	1	MPO/PC Female SM, 12F Connector, Green Housing, Black Boot
3	4	LC/UPC SM, Duplex, 2.0mm Connector, Blue Housing, 19mm Short White Boot
4	A/R	OD: 2.0mm, Duplex, Color: Yellow, PVC
5	1	Fanout Kit
6	4	Cable Marker
7	4	Black Shrinkage Tube

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is ingrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications ranging from NEBS Level 3 to ISO 9001:2015 with every new development while maintaining the signature reliability of its products.



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