

C-MPO-4LC10M9SMF

10m MPO/APC to 4xLC/UPC Duplex Yellow OS2 OFNR (Riser-Rated) 8-Strand SMF Fiber Fanout Cable

Features

- MPO Female to 4xLC Male Connectors
- 9/125 Patch Cable
- Riser-Rated Jacket
- Yellow Jacket Color
- OS2 Rated
- Insertion Loss: MPO $\leq 0.7\text{dB}$
LC $\leq 0.3\text{dB}$
- Return Loss: MPO $\geq 60\text{dB}$
LC $\geq 55\text{dB}$



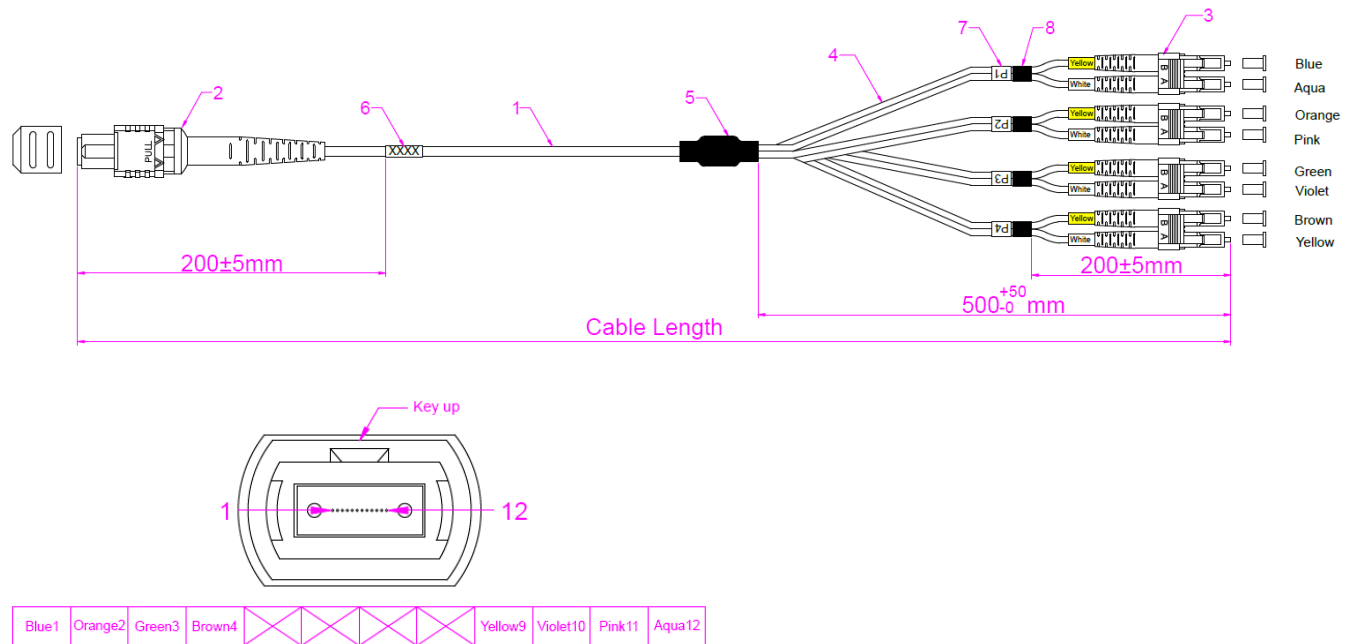
Product Description

This is a 10m MPO/APC to 4xLC/UPC 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 200kilometers. 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
Standard	OS2
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	9/125 μ m
Fiber Termination	APC - Angled Physical Contact
Polarity	Method B
Cable Type	OS2
Armored	No
Bend Insensitivity	G.657.A1
Connector 1 Ferrule Polish	APC (Angled Physical Contact)
Connector 2 Ferrule Polish	UPC (Ultra Physical Contact)
Insertion Loss Grade	Grade C
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 ≤ 0.7 dB LC ≤ 0.3 dB
Return Loss	MPO ≥ 60 dB LC ≥ 55 dB
Cable Tolerance	
Cable Length <1m	5cm
1m $\leq$ Cable Length <15m	10cm
15m $\leq$ Cable Length <30m	15cm
Cable Length ≥ 30 m	Cable Length* 1%

Mechanical Specifications



Item	Quantity	Specifications
1	A/R	Ø3.0mm, Singlemode 9/125 G657A1, 8fibers Micro Cable, PVC/LSZH/OFNP, Color: Yellow
2	1	MPO/APC Female SM 3.0mm 12F Connector (Green Housing Black Boot)
3	4	LC/UPC SM Duplex 2.0mm Connector(Blue Housing, 19mm White Boot)
4	A/R	OD: 2.0mm, Duplex Color: Yellow, PVC/LSZH/OFNP Tube
5	1	Fanout Kit
6	1	Serial Number Label
7	4	Cable Marker
8	4	Black Shrinkage Tube

About ProLabs

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

Complete Portfolio of Network Solutions

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.



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