C-MPO-4LC2M9SMF

2m MPO (Female) to 8xLC (Male) 8-Strand Yellow OS2 OFNR (Riser-Rated) Fiber Fanout Cable

Features

- Female MTP/MPO connectors for direct connection into QSFP Transceiver
- Riser-rated (ONFR) jacket type
- Factory terminated and tested
- Optimized performance – Low loss MPO/MTP Elite and discrete LC premium connectors
- Rapid deployment Factory terminated modular system saves installation and reconfiguration time during moves, as and changes
- Reliability 100% tested – combination of high quality components and manufacturing quality control guarantees product to the highest standards



Product Description

This is a 2m MPO (female) to 8xLC (male) 8-strand yellow riser-rated fiber fanout cable. OS2 is a standard single-mode optical fiber commonly used with wavelengths of 1310nm and 1550nm (9/125 microns), and has a maximum attenuation of 1dB/km. The OS2 standard is defined in ISO/IEC 11801. This optical fiber, nonconductive, riser (OFNR) cable is best suited for use in interior fiber-optic applications. Our patch cables are 100% compliant for all of your networking needs. Our products are guaranteed by federal law to not affect or void OEM warranties.

Specifications

Parameter	Specifications
Fiber	OS2
Application	Fanout
Cable Mode	Multiple
Color	Yellow
Connectors	MPO (Female) to 8xLC (Male)
Core/Cladding	9/125µm
Fiber Termination	UPC – Ultra Physical Contact
Jacket Type	Riser
Length (ft)	6.6
Length (m)	2
Fiber Type	SMF
Strand Count	8
Termination Type	Straight
Storage Temperature	-20°C to +60°C
Installation Temperature	-5°C to +50°C
Operation Temperature	-20°C to +60°C
LC Insertion Loss (average)	0.2dB
LC Insertion Loss (max)	0.3dB
LC Return Loss	>45/55dB
MPO Insertion Loss (average)	0.25dB
MPO Insertion Loss (max)	0.75dB
MPO Return Loss	>60dB
Attenuation Coefficient [dB/km]	≤0.38 Max (1300nm) ≤ 0.25 Max (1300nm) ≤0.34 Typ. (1550nm) ≤0.19 Typ. (1550nm)

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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