C-MPO-4LC1M5OM4

1m MPO (Female) to 8xLC (Male) 8-strand Straight Aqua OM4 OFNR (Riser-Rated) Laser Optimized Multi-Mode Fiber (LOMM) Fanout Cable

Features

- Designed for 10Gig Ethernet applications, OM4 Rated
- MPO/8xLC connectors
- Backward compatible with legacy optical LAN
- Maximum 10Gb distance of 300 meters at 850NM
- OFNR (Riser-rated) cable jacket type
- 1m length
- Ideal for Fibre Channel (SAN) application
- IEEE 802.3ae and TIA LOMM compliant
- Use with VCSEL and LED laser light sources

Product Description

This is a 1.0m (3.3ft) MPO (female) to 8xLC (male) aqua OM4 Multiple riser-rated fanout straight cable that is used for high speed data transfer. An OM4 cable has a core size of 50m microns that supports 10 Gigabit Ethernet at lengths measuring up to 550 meters , and 100 Gigabit Ethernet measuring up to 150 meters and is reverse compatible with OM3. This 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 and are guaranteed by federal law to not affect or void OEM warranties.

Applications	OM1 (MMF)		OM3 (MMF)		OM4 (MMF)		OS1 (SMF)	
	850nm	1300nm	850nm	1300nm	850nm	1310nm	1310nm	1550nm
ATM 622Mbps	300m	500m	300m	500m			2000m	
Fiber Channel 1062Mbps	300m	500m	500m				2000m	
FDDI		2000m		2000m		2000m		
100Base-FX Ethernet		2000m		2000m		2000m		
1000Base-SX Ethernet	275m		550m		1000m			
1000Base-LX Ethernet	550m			>500m		>500m	5000m	
10GBase-LX4 Ethernet		300m					1000m	
10GBase-SR/SW Ethernet	33m		300m		550m		1000m	40000m
40GBase-SR/LR Ethernet			300m		400m			
100GBase-SR Ethernet			100m		150m			

Specifications	
Application	Fanout
Cable Mode	Multiple
Color	Aqua
Connectors	MPO (Female) to 8xLC (Male)
Fiber Termination	PC – Physical Contact
Jacket Type	Riser
Length	1m (3.3ft)
Fiber Type	LOMM
Standard	OM4
Strand Count	8
Media	Fiber
Termination Type	Straight
Storage Temperature	-20°C~ +60°C
Installation Temperature	-5°C~ +50°C
Operation Temperature	-20°C ~ +60°C
LC Insertion Loss (average)	0.18dB
LC Insertion Loss (max)	0.30dB
LC Return Loss	>55/65dB
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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