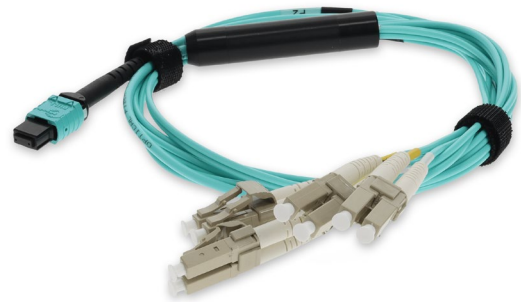


### PRO-MPO-4LC2M5OM4

2m MPO (Female) to 8xLC (Male) 8-Strand Aqua OM4 Fiber 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
- 2m 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 2m MPO (female) to 8xLC (male) 8-strand aqua riser-rated fiber fanout cable. 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 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.

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			

## General Specifications

Specifications	
Application	Fanout
Cable Mode	Multiple
Color	Aqua
Connectors	MPO (Female) to 8xLC (Male)
Fiber Termination	PC – Physical Contact
Jacket Type	Riser
Length	2m (6.56ft)
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 Us:**

Proline Options is one of North America's leading providers of transceivers and high speed cabling. With a reputation for quality, tested products that cover the connectivity spectrum, Proline Options has a solution for you regardless of the specification.

At Proline Options, every product is tested in its intended application - never batch or spec tested only. We run bandwidth, distance and IOS network tests. We have documented an impressive 0.03% failure rate over the last 10 years. To continue this rate of success we invest millions annually in our own on-site testing lab.

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