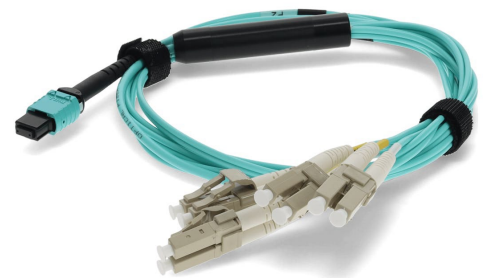


### **C-MPO-4LC5M5OM4**

5m MPO (Female) to 8xLC (Male) 8-Strand Aqua OM4 Fiber Fanout Cable

#### **Features**

- Designed for 10G 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
- 5m length
- Ideal for Fiber Channel (SAN) application
- IEEE 802.3ae and TIA LOMM compliant
- Use with VCSEL and LED laser light sources



#### **Product Description**

This is a 5m 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.

## Specifications

| Parameter                       | Specifications                                                                  |
|---------------------------------|---------------------------------------------------------------------------------|
| Application                     | Fanout                                                                          |
| Cable Mode                      | Multi-Mode                                                                      |
| Connector                       | MPO (Female) to 8xLC (Male)                                                     |
| Standard                        | OM4                                                                             |
| Fiber Type                      | LOMM                                                                            |
| Strand Count                    | 8                                                                               |
| Core/Cladding                   | 50/125µm                                                                        |
| Color                           | Aqua                                                                            |
| Jacket Type                     | Riser                                                                           |
| Fiber Termination               | PC - Physical Contact                                                           |
| Termination Type                | Straight                                                                        |
| Length (ft)                     | 16.4                                                                            |
| Length (m)                      | 5                                                                               |
| Media                           | Fiber                                                                           |
| 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)     | 0.18dB                                                                          |
| LC Insertion Loss (Maximum)     | 0.30dB                                                                          |
| LC Return Loss                  | >55/65dB                                                                        |
| MPO Insertion Loss (Average)    | 0.25dB                                                                          |
| MPO Insertion Loss (Maximum)    | 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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