

C-MPO-4LC2M5OM4LZ-1MBO

2m MPO/UPC to 4xLC/UPC Duplex Aqua OM4 LSZH 8-Strand Fiber Fanout Cable with 1m Breakout Legs

Features

- Female MPO to Male LC
- Low Smoke Zero Halogen Jacket Type
- 50/125µm MMF
- Color: Aqua
- OM4 Standard

Product Description

This is a 2m MPO/UPC to 4xLC/UPC Duplex Aqua OM4 LSZH 8-Strand Fiber Fanout Cable with 1m Breakout Legs. OM4 fiber optic cable is a high-performance multimode fiber optimized for high-speed data transmission, supporting up to 100G over distances of up to 150 meters. Ideal for data centers and large-scale network infrastructures, it delivers superior bandwidth and reliability for demanding business applications. LSZH (Low Smoke Zero Halogen) fiber cable jackets are designed to minimize toxic smoke and harmful emissions in the event of a fire, making them ideal for enclosed or high-traffic areas. These cables provide enhanced safety and environmental protection, making them a popular choice for businesses prioritizing workplace safety and eco-friendly infrastructure. 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.

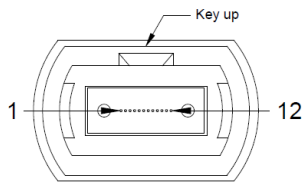
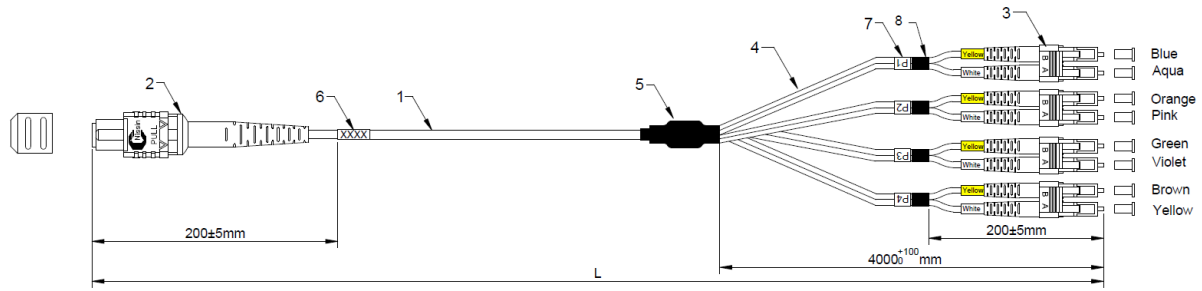
General Specifications

| Parameter | Specification |
|------------------------------|---------------------------------------|
| Environment | Indoor |
| Fiber Termination | UPC - Ultra Physical Contact |
| Fiber Type | MMF |
| Fire Rating | General Purpose (OFNG) |
| Insertion Loss Grade | Grade C |
| Jacket Material | LSZH (Low Smoke Zero Halogen) |
| Jacket Type | LSZH |
| Cable Mode | Multiple |
| Cable Type | OM4 |
| Color | Aqua |
| Compatible OEM | Industry Standard |
| Connector | MPO (Female) to 4xLC (Male) |
| Connector 1 Boot Style | Standard Boot |
| Connector 1 Color | Aqua |
| Connector 1 Ferrule Polish | UPC (Ultra Physical Contact) |
| Connector 2 Boot Style | Standard Boot |
| Connector 2 Color | Beige |
| Connector 2 Ferrule Polish | UPC (Ultra Physical Contact) |
| Core/Cladding | 50/125 μ m |
| Outer Diameter | 3.0mm |
| Polarity | Method B |
| Shielded | No |
| Strand Count | 8 |
| Termination Type | Crossover |
| Armored | No |
| Bend Insensitivity | G.657.A1 |
| Insertion Loss | ≤ 0.5 dB MPO ≤ 0.3 dB LC |
| Return Loss | ≥ 30 dB MPO ≥ 35 dB LC |
| Wavelength | 850/1300nm |
| 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

End A

End B



| | | | | | | | | | | | |
|-------|---------|--------|--------|--|--|--|--|---------|----------|--------|--------|
| Blue1 | Orange2 | Green3 | Brown4 | | | | | Yellow9 | Violet10 | Pink11 | Aqua12 |
|-------|---------|--------|--------|--|--|--|--|---------|----------|--------|--------|

| Item | Quantity | Specifications |
|------|----------|---|
| 1 | A/R | OD: 3.0mm, Multimode 50/125 OM4, 8Fibers Micro Cable, LSZH, Color: Aqua |
| 2 | 1 | MPO/PC Female MM, 12 Fibers Connector, Aqua Housing Black Boot |
| 3 | 4 | LC/PC MM Duplex 2.0mm Connector, Beige Housing 19mm, Short White Boot |
| 4 | A/R | OD: 2.0mm, Duplex, PVC, Aqua Tube |
| 5 | 1 | Fanout Kit |
| 6 | 1 | Cable Label |
| 7 | 4 | Cable Marker |
| 8 | 4 | Black Shrinkage Tube |

About ProLabs

Our extensive experience comes as standard. For over 20 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 more than 100 optical switching and transport platforms.

A 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 1.6T 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.

The Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure compatible products, and immediate answers to your questions. 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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