

### **C-16FMPO-2MPO20M5OM4LZ**

20m MPO-16 (Female) to 2xMPO (Female) 16-strand Aqua OM4 Crossover LSZH-Rated) Fiber Fanout Cable

#### **Features**

- Designed for 10Gig Ethernet applications, OM4 Rated
- Female MPO connectors
- 20m length
- LSZH Jacket
- Operating Temperature: -20°C to 60°C
- Color: Aqua
- Factory terminated and tested
- 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

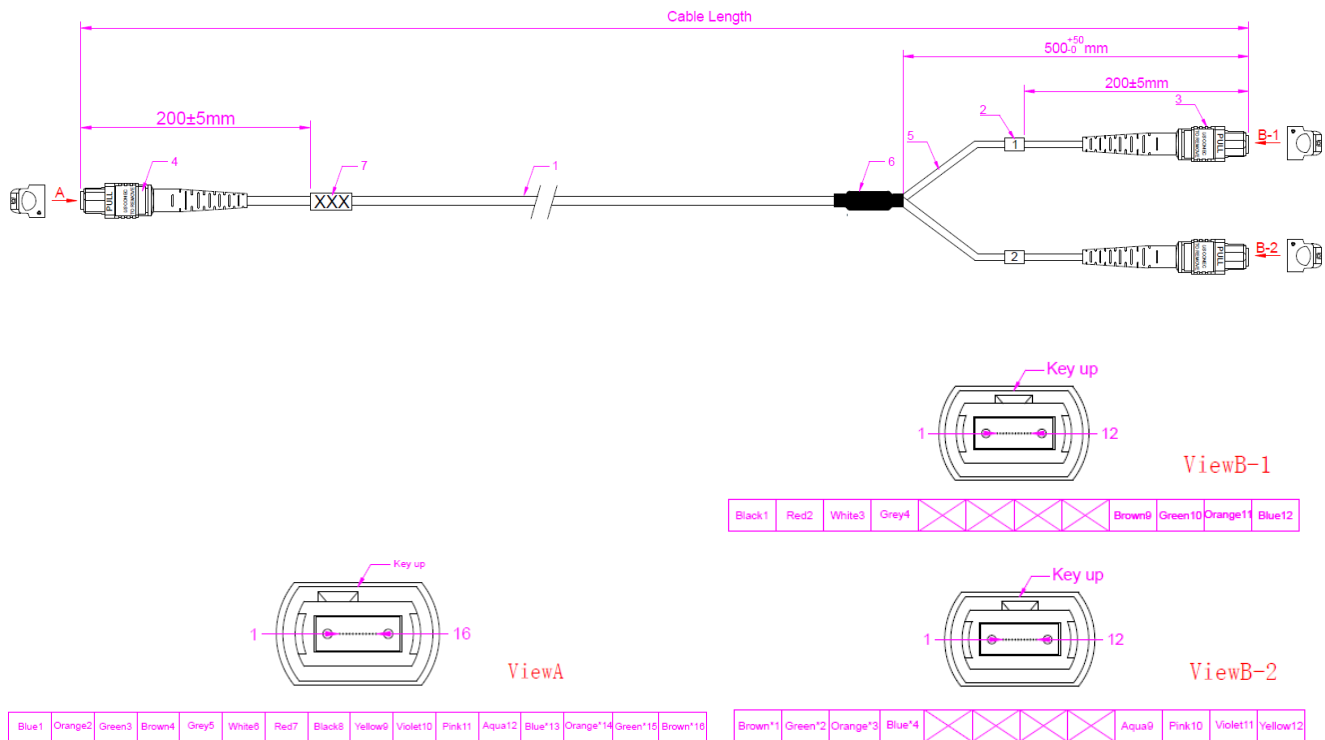
#### **Product Description**

This is a 20m MPO-16 (Female) to 2xMPO (Female) aqua 16-strand crossover riser-rated fiber patch 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, LSZH 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.

## General Specifications

Parameter	Specification
Cable Length Tolerance	15cm
Cable Diameter	3.0mm
Cable Material	LSZH
Long-Term Tensile Strength	80N
Short-Term Tensile Strength	160N
Static Bending Radius	10D
Dynamic Bending Radius	20D
Fiber Type	OM4
Attenuation	@850nm $\leq 3.5\text{dB/km}$
	@1300nm $\leq 1.5\text{dB/km}$
Long-Term Crush Resistance	150N/100mm
Short-Term Crush Resistance	500N/100mm
Storage Temperature	-20°C to 60°C
Operating Temperature	-20°C to 60°C

## Mechanical Specifications

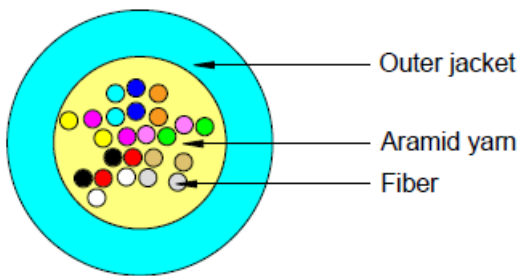


1	OD: 3.0mm, Multi-Mode 50/125 OM4, 24 Fibers, Micro Cable, LSZH, Color: Aqua.
2	Cable Marker 1, 2.
3	MTP/PC Female MM 3.0mm USCONEC 12 Fibers Connector (Aqua Housing, Black Boot).
4	MTP/PC Female MM 3.0mm USCONEC 16 Fibers Connector (Aqua Housing, Black Boot).
5	OD: 3.0mm, Simplex, LSZH, Aqua Tube.
6	Fanout Kit.
7	Cable Label.

**Notes:**

1. Inertion Loss:  $\leq 0.5\text{dB}$ .
2. Return Loss:  $\geq 30\text{dB}$ .

**Cable Detail**



## **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.

## **Contact Information**

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