C-MPOMPO-2-5M5OM4

2.5m MPO/UPC to MPO/UPC Aqua OM4 OFNR (Riser-Rated) 12-Strand Fiber Patch Cable

Features

- MPO connectors
- OM4 Rated Cable
- OFNR Riser-Rated Jacket
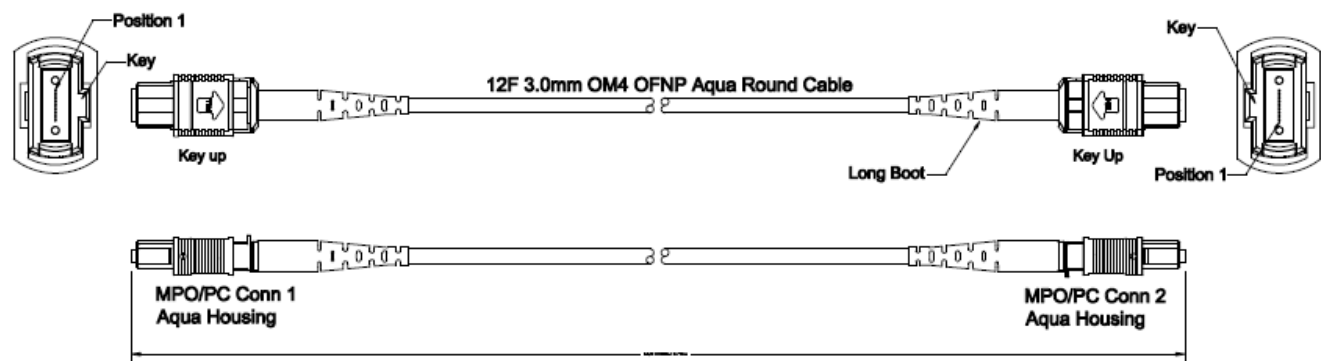- Color: Aqua
- Insertion Loss: ≤0.35dB
- RoHS Compliant

Product Description

This is a 2.5m MPO/UPC to MPO/UPC Aqua OM4 OFNR (Riser-Rated) 12-Strand Fiber Patch Cable. 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. OFNR riser fiber cable jackets are designed for vertical installations in building risers, providing fire-resistant protection to ensure safe data transmission between floors. These cables meet strict safety standards, making them ideal for businesses that need reliable, in-building network infrastructure without the risk of fire spreading through conduits. 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.

Specifications

Parameter	Specifications
Environment	Indoor
Fiber Type	MMF
Connector	MPO (Female) to MPO (Female)
Color	Aqua
Shielded	No
Strand Count	12
Cable Mode	Multiple
Jacket Type	Riser
Termination Type	Crossover
Core/Cladding	50/125μm
Fiber Termination	UPC - Ultra Physical Contact
Polarity	Method B
Cable Type	OM4
Armored	No
Bend Insensitivity	G.657.A1
Connector 1 Ferrule Polish	UPC (Ultra Physical Contact)
Connector 2 Ferrule Polish	UPC (Ultra Physical Contact)
Insertion Loss Grade	Grade C
Fire Rating	Riser (OFNR)
Jacket Material	PVC (Polyvinyl Chloride)
Outer Diameter	3.0mm
Connector 1 Boot Style	Standard Boot
Connector 2 Boot Style	Standard Boot
Connector 1 Color	Aqua
Connector 2 Color	Aqua
Insertion Loss	≤0.35dB for LLOS
Wavelength	850/1300nm
Operating Temperature	-20°C to 75°C
Storage Temperature	-40°C to 85°C
Cable Tolerance	
Cable Length < 1M	100mm
1M ≤ Cable Length < 15M	300mm
16M ≤ Cable Length < 50M	2%

Mechanical Specifications

Wiring Diagram

Conn 1 Position NO#	Fiber Color (Ref)	Conn 2 Position NO#
1	Bule	12
2	Orange	11
3	Green	10
4	Brown	9
5	Gray	8
6	White	7
7	Red	6
8	Black	5
9	Yellow	4
10	Violet	3
11	Rose	2
12	Aqua	1

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
ProLabs US

Email: sales@prolabs.com
Telephone: 952-852-0252

ProLabs UK
Email: salessupport@prolabs.com
Telephone: +44 1285 719 600