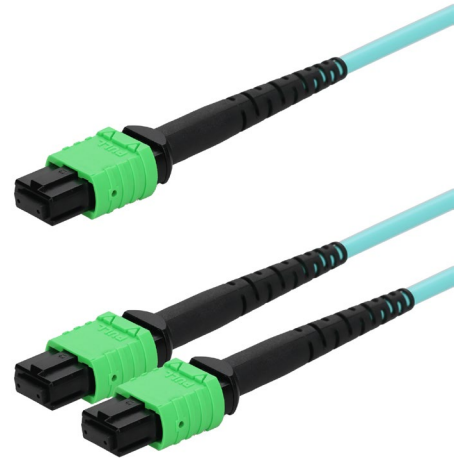


MFP7E20-N0xx-C

Up to 50m Mellanox® Compatible MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable

Features

- MPO Female Connectors
- 50/125 Patch cable
- LSZH
- Aqua Jacket Color
- OM4 Rated
- Insertion Loss $\leq 0.5\text{dB}$
- Return Loss $\geq 30\text{dB}$



Product Description

This is a Mellanox® compatible MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-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. 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.

Order Information

Part Numbers	Descriptions
MFP7E20-N002-C	Mellanox® Compatible 2m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N003-C	Mellanox® Compatible 3m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N005-C	Mellanox® Compatible 5m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable

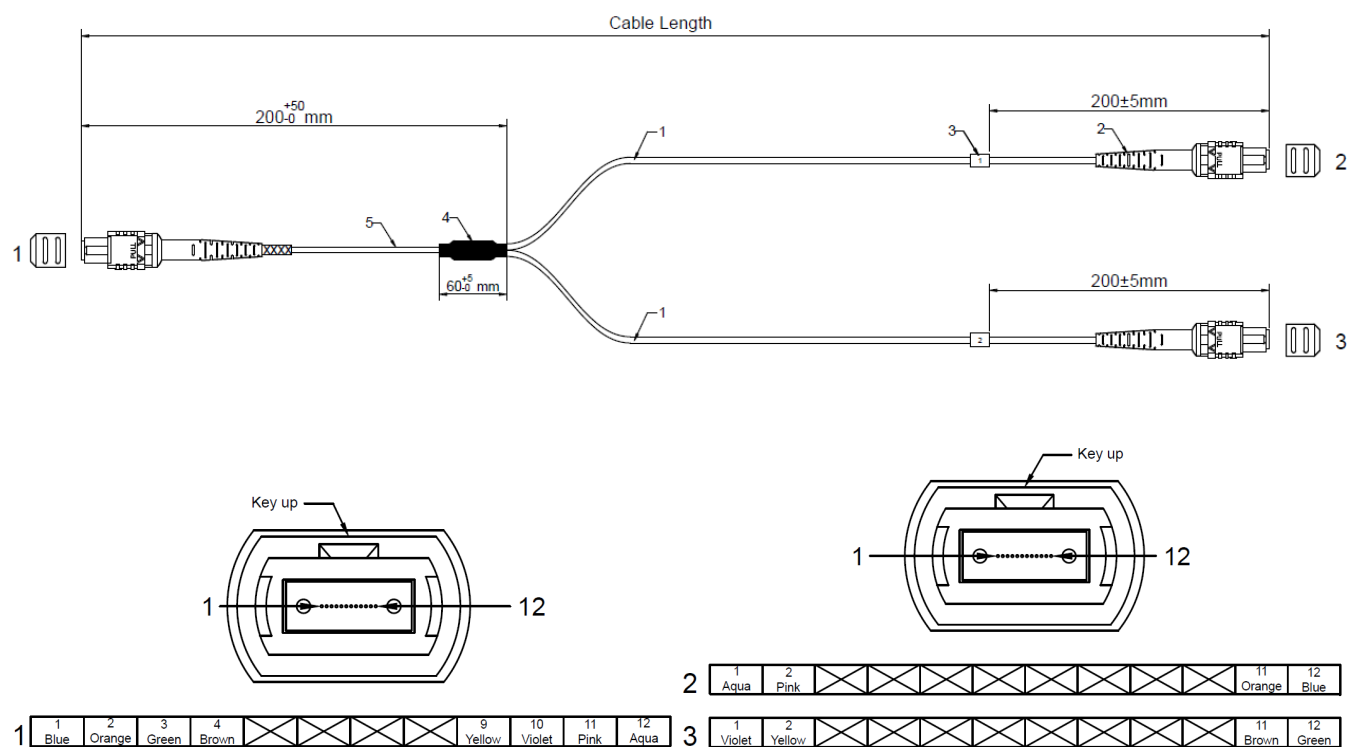
MFP7E20-N007-C	Mellanox® Compatible 7m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N010-C	Mellanox® Compatible 10m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N015-C	Mellanox® Compatible 15m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N020-C	Mellanox® Compatible 20m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N040-C	Mellanox® Compatible 40m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable
MFP7E20-N050-C	Mellanox® Compatible 50m MPO-8/APC to 2xMPO/APC Aqua OM4 LSZH 8-Strand Fiber Patch Cable

Specifications

Parameter	Specifications
Environment	Indoor
Standard	OM4
Fiber Type	MMF
Connector	AMPO (Female) to 2AxMPO (Female)
Color	Aqua
Shielded	No
Strand Count	8
Cable Mode	Multiple
Jacket Type	LSZH
Termination Type	Crossover
Core/Cladding	50/125µm
Fiber Termination	APC - Angled Physical Contact
Polarity	Method B
Cable Type	OM4
Armored	No
Bend Insensitivity	G.657.A1
Connector 1 Ferrule Polish	APC (Angled Physical Contact)
Connector 2 Ferrule Polish	APC (Angled Physical Contact)
Insertion Loss Grade	Grade C
Fire Rating	General Purpose (OFNG)
Jacket Material	LSZH (Low Smoke Zero Halogen)
Outer Diameter	3.0mm

Connector 1 Boot Style	Standard Boot
Connector 2 Boot Style	Standard Boot
Connector 1 Color	Green
Connector 2 Color	Green
Insertion Loss	≤0.50dB
Return Loss	≥30dB
Cable Tolerance	
Cable Length <1m	5cm
1m≤ Cable Length <15m	10cm
15m≤ Cable Length <30m	15cm
Cable Length ≥30m	Cable Length* 1%

Mechanical Specifications



Item	Quantity	Specifications
1	A/R	2*OD: 3.0mm, Multi-Mode 50/125 OM4, Corning Fibers Micro Cable, LSZH, Color: Aqua
2	3	MPO/APC Female, MM, 12 Fibers, 3.0mm Connector, Green Housing, Black Boot
3	2	Channel Marker
4	1	Fanout Kit
5	A/R	OD: 3.0mm, Simplex, LSZH, Aqua Tube

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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