

MFP7E10-N0xx-C

Up to 50m Mellanox® Compatible Angled MPO (Female) to Angled MPO (Female) 12-strand Aqua Polarity-B OM4 Fiber LSZH 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 angled MPO (female) to MPO (female) 12-strand aqua OM4 crossover polarity-B LSZH 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 400 Gigabit Ethernet measuring up to 100 meters and is reverse compatible with OM3. This low smoke zero halogen cable reduces the amount of toxic and corrosive gas emitted during combustion. This type of material is typically used in poorly ventilated areas such as aircrafts, rail cars or ships and will self-extinguish. 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.

Order Information

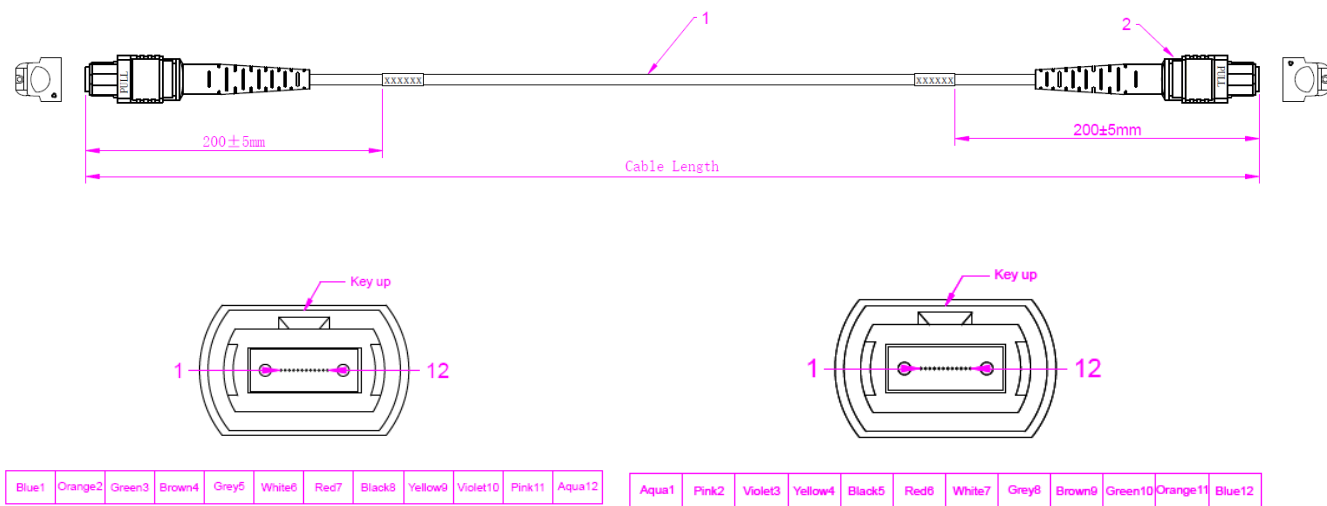
Part Numbers	Descriptions
MFP7E10-N001-C	Mellanox® Compatible 1m Angled MPO (Female) to Angled MPO (Female) 12-strand Aqua Polarity-B OM4 Fiber LSZH Patch Cable
MFP7E10-N002-C	Mellanox® Compatible 2m Angled MPO (Female) to Angled MPO (Female) 12-strand Aqua Polarity-B OM4 Fiber LSZH Patch Cable
MFP7E10-N003-C	Mellanox® Compatible 3m Angled MPO (Female) to Angled MPO (Female) 12-strand Aqua Polarity-B OM4 Fiber LSZH Patch Cable
MFP7E10-N005-C	Mellanox® Compatible 5m Angled MPO (Female) to Angled MPO (Female) 12-strand Aqua Polarity-B OM4 Fiber LSZH Patch Cable
MFP7E10-N007-C	Mellanox® Compatible 7m Angled MPO (Female) to Angled MPO (Female) 12-strand Aqua Polarity-B OM4 Fiber LSZH Patch Cable

MFP7E10-N010-C	Mellano [®] Compatible 10m Angled MPO (Female) to Angled MPO (Female) 12-strand Aqua Polarity-B OM4 Fiber LSZH Patch Cable
MFP7E10-N015-C	Mellano [®] Compatible 15m Angled MPO (Female) to Angled MPO (Female) 12-strand Aqua Polarity-B OM4 Fiber LSZH Patch Cable
MFP7E10-N020-C	Mellano [®] Compatible 20m Angled MPO (Female) to Angled MPO (Female) 12-strand Aqua Polarity-B OM4 Fiber LSZH Patch Cable
MFP7E10-N025-C	Mellano [®] Compatible 25m Angled MPO (Female) to Angled MPO (Female) 12-strand Aqua Polarity-B OM4 Fiber LSZH Patch Cable
MFP7E10-N030-C	Mellano [®] Compatible 30m Angled MPO (Female) to Angled MPO (Female) 12-strand Aqua Polarity-B OM4 Fiber LSZH Patch Cable
MFP7E10-N040-C	Mellano [®] Compatible 40m Angled MPO (Female) to Angled MPO (Female) 12-strand Aqua Polarity-B OM4 Fiber LSZH Patch Cable
MFP7E10-N050-C	Mellano [®] Compatible 50m Angled MPO (Female) to Angled MPO (Female) 12-strand Aqua Polarity-B OM4 Fiber LSZH Patch Cable

Specifications

Parameter	Specifications
Standard	OM4
Fiber Type	LOMM
Application	Patch
Cable Mode	Multiple
Color	Aqua
Connectors	MPO (Female) to MPO (Female)
Core/Cladding	50/125μm
Jacket Type	LSZH
Fiber Termination	APC – Angled Physical Contact
Strand Count	12
Termination Type	Crossover
Media	Fiber
Shielded	Not Shielded
Polarity	Type-B (Crossover)
Insertion Loss	≤0.5dB
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	OD: 3.0mm, Multi-Mode 50/125 OM4, 12 Fibers Micro Cable, LSZH, Color: Aqua
2	2	MPO/APC Female 3.0mm, 12 Fiber Connectors, Green Housing, Black Boot

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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