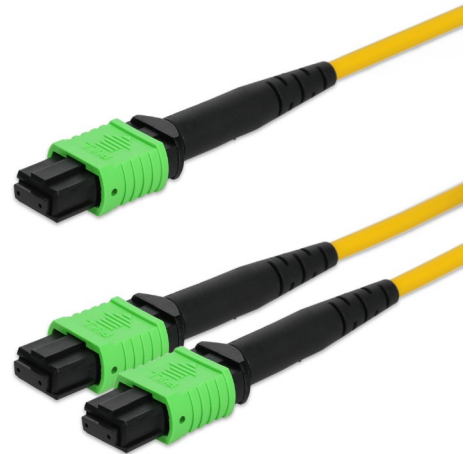


MFP7E40-N0xx-C

Up to 15m Mellanox® Compatible Angled MPO (Female) to 2x Angled MPO (Female) 12-Strand Yellow Polarity-B OS2 Fiber LSZH Patch Cable

Features

- MPO Female Connectors
- 9/125 Patch cable
- LSZH
- Yellow Jacket Color
- OS2 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 2x angled MPO (female) 12-strand yellow OS2 LSZH patch crossover polarity-B cable. OS2 is a standard single-mode optical fiber commonly used with wavelengths of 1310nm and 1550nm (9/125 microns), and has a maximum attenuation of 1dB/km. The OS2 standard is defined in ISO/IEC 11801. 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 and are guaranteed by federal law to not affect or void OEM warranties.

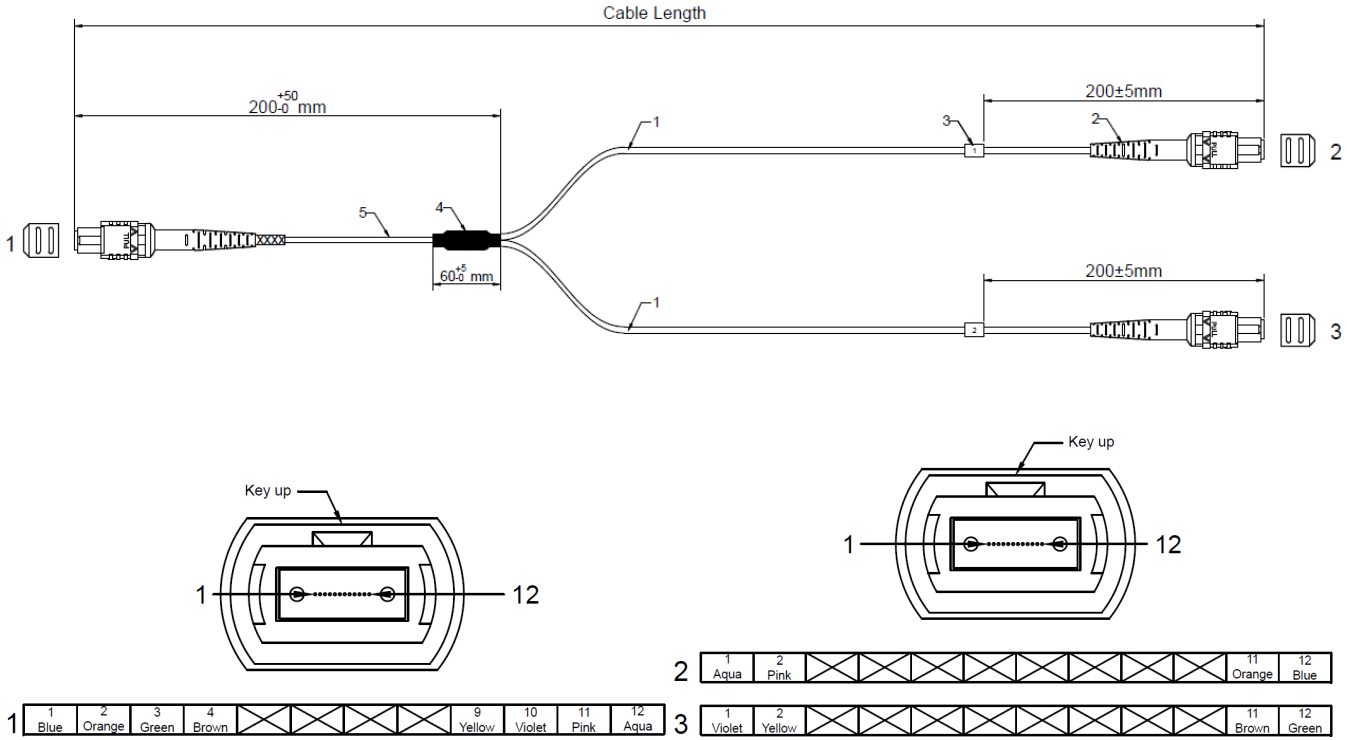
Order Information

Part Numbers	Descriptions
MFP7E40-N003-C	Mellanox® Compatible 3m Angled MPO (Female) to 2x Angled MPO (Female) 12-Strand Yellow Polarity-B OS2 Fiber LSZH Patch Cable
MFP7E40-N005-C	Mellanox® Compatible 5m Angled MPO (Female) to 2x Angled MPO (Female) 12-Strand Yellow Polarity-B OS2 Fiber LSZH Patch Cable
MFP7E40-N007-C	Mellanox® Compatible 7m Angled MPO (Female) to 2x Angled MPO (Female) 12-Strand Yellow Polarity-B OS2 Fiber LSZH Patch Cable
MFP7E40-N010-C	Mellanox® Compatible 10m Angled MPO (Female) to 2x Angled MPO (Female) 12-Strand Yellow Polarity-B OS2 Fiber LSZH Patch Cable
MFP7E40-N015-C	Mellanox® Compatible 15m Angled MPO (Female) to 2x Angled MPO (Female) 12-Strand Yellow Polarity-B OS2 Fiber LSZH Patch Cable

Specifications

Parameter	Specifications
Environment	Indoor
Standard	OS2
Fiber Type	SMF
Connector	MPO (Female) to 2xMPO (Female)
Color	Yellow
Shielded	No
Strand Count	12
Cable Mode	Multiple
Jacket Type	LSZH
Termination Type	Crossover
Core/Cladding	9/125μm
Fiber Termination	APC - Angled Physical Contact
Polarity	Method B
Cable Type	OS2
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, Single-Mode OS2, 12 Fibers Micro Cable, LSZH, Color: Yellow
2	3	MPO/APC Female SM, 12 Fibers, 3.0mm Connector, Green Housing, Black Boot
3	2	Channel Marker
4	1	Fanout Kit
5	A/R	OD: 3.0mm, Single-Mode OS2, 12 Fibers Micro Cable, LSZH, Color: Yellow

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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