

DATA SHEET



MPO to MPO Fiber Array Cable - Type B OM4 Riser Rated (OFNR)

Pull a single Type B OM4 riser rated (ONFR) MPO cable with 12 fibers for high density installs

OVERVIEW

This riser rated OM4 laser-optimized multimode (LOMMF) MPO fiber array cable is ready for deployment in any multimode 50/125 MTP/MPO network. OM4 is fully backward-compatible with existing OM3 systems. This multimode, MPO fiber cable is comprised of 12 fiber channels within each connector. This high density MPO fiber cable is pinned out in type B format and is comprised of 12 fiber channels within each connector which is perfect when space is limited and makes it possible to run a single cable that automatically terminates 12 fibers in one easy plug-in. The push-pull release mechanism for the MPO connector is easy to engage and disengage, its latch design also prevents the plug from snagging when jumper cables are being routed.

FEATURES

- Type B pinout
- Guide pins are on the A side MPO connector, there are no guide pins on the B side connector
- The MPO connector has a push pull spring loaded release
- Riser rated (OFNR) jacket
- 3mm jacket outer diameter

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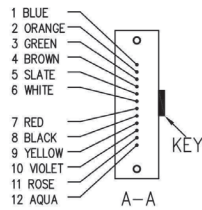
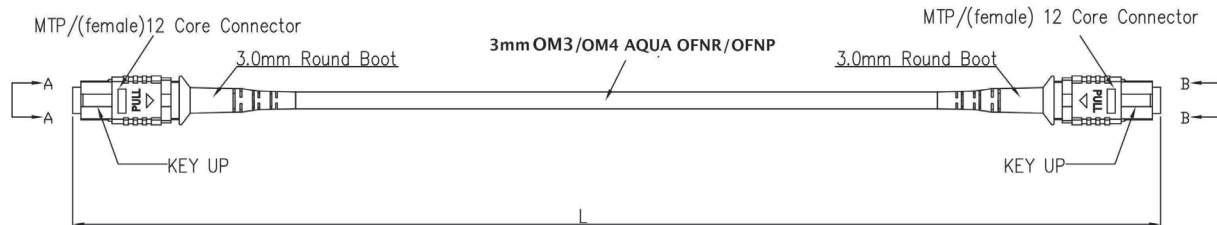
FIBER CORE CHARACTERISTICS:

Optical Fiber Type - 50 Multimode
 ISO/IEC 11801 Nomenclature - OM4
 Wavelength (nm) - 850/1300
 Maximum Attenuation (dB/km) - 3.0/1.0
 Minimum Over Filled Launch (OFL) - 1500/500 MHz km
 Minimum Effective Modal - 4700/— (MHz km)
 Serial 1 Gigabit Ethernet Distance (m) - 1000/600
 Serial 10 Gigabit Ethernet Distance (m) - 550/—
 Maximum Connector Loss: 0.50 dB

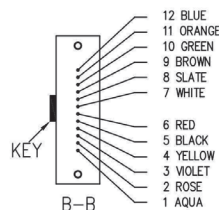
PHYSICAL CHARACTERISTICS:

Jacket Material: PVC (OFNR riser rated)
 Jacket OD: 3.0 mm
 Installation Tensile Load: 100 N (445 lbs)
 Long-Term Tensile Load: 50 N (222 lbs)
 Installation Minimum Bend Radius: 4.5 cm (1.8 in)
 Long-Term Minimum Bend Radius: 3.0 cm (1.2 in)
 Typical Return Loss: -22 dB
 Operating Temperature: -20°C to +70°C

Please Note: Attenuation testing performed in accordance with EIA/TIA-455-171A.



TYPE B



ITEM DESCRIPTION

- 31316 5m MPO to MPO Fiber Array Cable - Type B-OM4 Riser Rated (OFNR)
- 31317 10m MPO to MPO Fiber Array Cable - Type B-OM4 Riser Rated (OFNR)
- 31318 15m MPO to MPO Fiber Array Cable - Type B-OM4 Riser Rated (OFNR)

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