

DATA SHEET



MPO to MPO Fiber Array Cable - Type B OM3 Riser Rated (OFNR)

Pull a single Type B OM3 riser rated (OFNR) MPO cable with 12 fibers for high density installs

OVERVIEW

This riser rated OM3 laser-optimized multimode (LOMMF) MPO fiber array cable is ready for deployment in any multimode 50/125 MTP/MPO network. OM3 is fully backward-compatible with existing OM2 or OM1 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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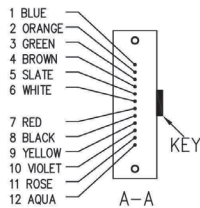
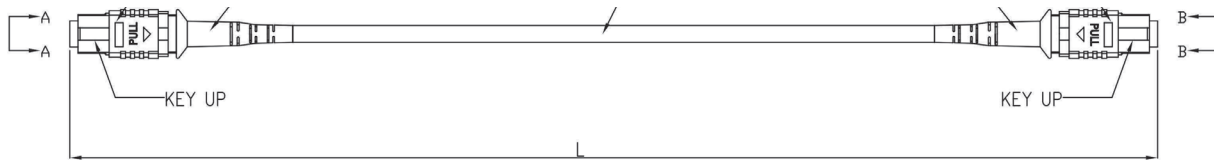
FIBER CORE CHARACTERISTICS:

Optical Fiber Type - 50 Multimode
 ISO/IEC 11801 Nomenclature - OM3
 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) - 600
 Serial 10 Gigabit Ethernet Distance (m) - 300
 Maximum Connector Loss: 0.50 dB

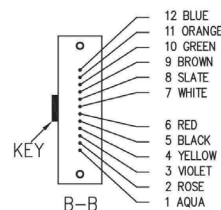
PHYSICAL CHARACTERISTICS:

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

31310 5m MPO to MPO Fiber Array Cable - Type B-OM3 Riser Rated (OFNR)
 31311 10m MPO to MPO Fiber Array Cable - Type B-OM3 Riser Rated (OFNR)
 31312 15m MPO to MPO Fiber Array Cable - Type B-OM3 Riser Rated (OFNR)

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