

# DATA SHEET



## MPO to MPO Fiber Array Cable Type A OM4 Riser Rated (OFNR)

Pull a single Type A OM4 riser rated (OFNR) 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 A 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
- No guide pins on either MPO connector
- The MPO connector has a push pull spring loaded release
- Riser rated (OFNR) jacket
- 3mm jacket outer diameter

# DATA SHEET

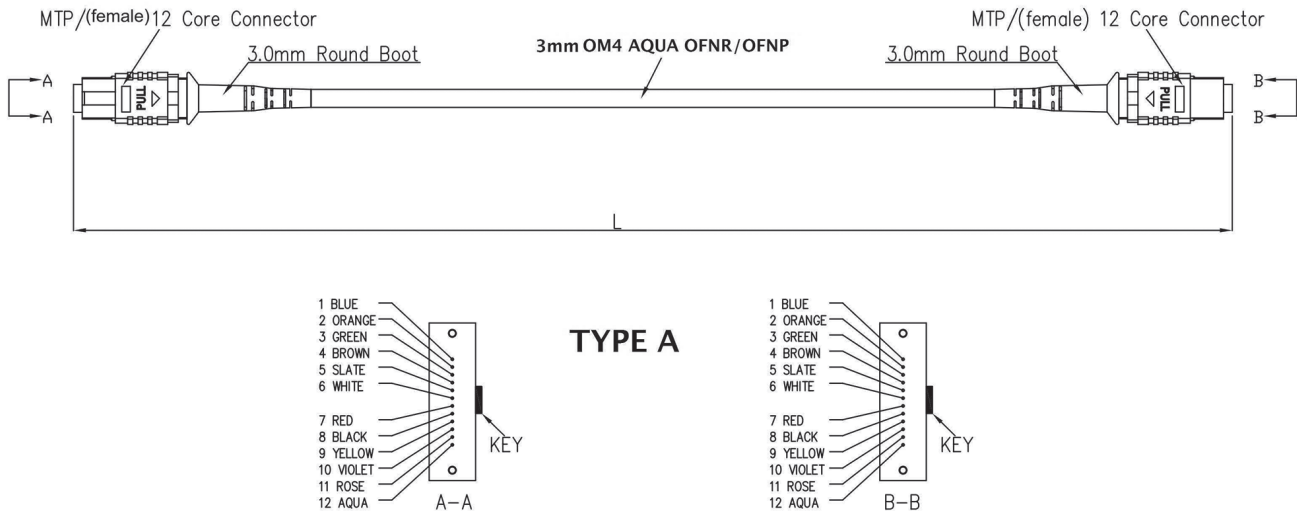
## FIBER CORE CHARACTERISTICS:

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.



## ITEM DESCRIPTION

- 31304 5m MPO to MPO Fiber Array Cable - Type A-OM4 Riser Rated (OFNR)
- 31305 10m MPO to MPO Fiber Array Cable - Type A-OM4 Riser Rated (OFNR)
- 31306 15m MPO to MPO Fiber Array Cable - Type A-OM4 Riser Rated (OFNR)



3555 Kettering Blvd.  
 Moraine, OH 45439  
 Phone: 800.CABL.911  
 www.c2g.com

Follow Us

