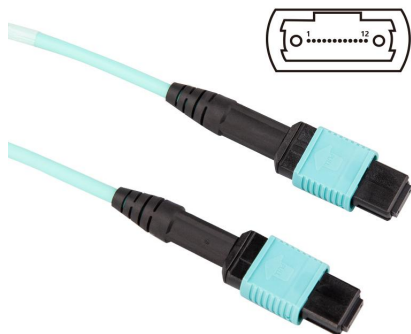


OM3-MPO12-1M Datasheet



OM3

Multimode OM3 MPO to MPO Trunk Cable, 12 Fiber, Female, Type B, LSZH, 1m (3.3ft)

OM3-MPO12-1M

Multimode OM3 MPO to MPO Trunk Cable, 12 Fiber, Female, Type B, LSZH, 1m (3.3ft)

This OM3 MPO trunk cable is a factory pre-terminated 12-fiber multimode MPO patch cord for limited space cabling. It features high-performance OM3 MPO-12 female connectors and an optical cable for optimal functionality and reliability. The MPO-12 connector is roughly the same size as an SC connector but can provide up to 12 times the density, thereby providing significant space and cost savings. Additionally, it offers consistent user quality, much faster installation, and simpler cable management.

The OM3 MPO trunk cable is suitable for high-density data centers and fiber networks. It also supports MPO-8 fiber systems for better scalable networking. Built with Method B (Crossover) polarity, this MPO cable is also ideal for 8-fiber parallel multimode optical transceiver applications, such as 40G QSFP+ SR4, eSR4, and 100G QSFP28 SR4 links.

Features

- Factory-terminated provides consistent quality, high performance, and reduced installation time
- 100% tested for low insertion loss and high return loss
- High-quality OM3 MPO connectors guaranteed by the 3D interferometer
- Type B polarity for 40G/100G QSFP28 SR4 connection
- Provides 0.6dB Standard & 0.35dB Elite low loss for customers' choose
- Comply with IEC 61754-7, TIA/EIA 604-5, Telcordia GR-1435-CORE, and RoHS

Specifications

- Fiber Mode: 50/125 μ m Multimode OM3
- Fiber Count: 12-fiber
- Connector Type: MPO Female to MPO Female (Pinless)
- Polish Type: UPC to UPC
- Polarity: Type B (Crossover)
- Cable Length: 1m
- Cable Diameter: 3.0mm
- Minimum Bend Radius: 10mm
- Insertion Loss: ≤ 0.6 dB (0.4dB Typ.)
- Return Loss: ≥ 20 dB
- Cable Jacket: LSZH
- Tensile Strength: Long term: 80N, Short term: 160N
- Operating Temperature: -20°C to 70°C
- Storage Temperature: -40°C to 85°C

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