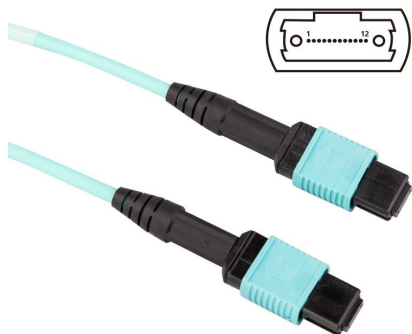


OM4-MPO12-1M Datasheet



OM4

Multimode OM4 MPO to MPO Trunk Cable, 12 Fiber, Female, Type B, LSZH, 1m (3.3ft)

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The requirements for data center infrastructures are increasing as the rapid growth in worldwide IT usage continues. As an experienced and innovative fiber optic patch cable manufacturer, GenuineModules.com supplies complete MPO trunk fiber optic cabling solutions for high-density optical connectivity in the modern data center. Compared with the traditional fiber optic cabling solutions, this high-density fiber optic solution offers higher flexibility and space-saving while supporting high data rates, such as 10-Gigabit, 40-Gigabit Ethernet, and 100-Gigabit Ethernet.

This 12-fiber Multimode OM4 MPO to MPO Trunk Cable is a factory pre-terminated 50/125 Multimode OM4 MPO trunk cable, offering the user the advantage of consistent quality, much faster installation, and simpler cable management. The MPO fiber optic trunk cable is manufactured with multiple, 12-strand Senko MPO female connectors and 12-core laser-optimized multimode (LOMMF) OM4 fiber optic cables. This MPO trunk cable conforms to Method B (Cross-Connect) polarity, and the MTP® connector is available upon request. This MPO OM4 fiber trunk cable is suitable for 40G QSFP+ SR4, 40G QSFP+ eSR4, and 100G QSFP28 SR4 transceiver optics connection.

Features

- Factory-terminated provides consistent quality, high performance, and reduced installation time
- 100% tested for low insertion loss performance and high back reflection
- Fiber Count: 12 fiber trunk cable
- Laser-Optimized multimode OM4 fiber

- Type B polarity, used for 40G QSFP eSR4 and 100G QSFP28 SR4 optics
- Optimized performance – available in elite MTP and discrete premium connector upon request
- Comply with IEC 61754-7, TIA/EIA 604-5, Telcordia GR-1435-CORE, and RoHS
- LSZH Jacket by Default

Specifications

- Fiber Mode: 50/125 μ m Multimode OM4
- Fiber Count: 12-fiber
- Connector Type: MPO Female to MPO Female
- Polish Type: PC to PC
- Polarity: Type B (Crossover)
- Cable Length: 1m
- Cable Diameter: 3.0mm
- Insertion Loss: \leq 0.6dB (0.4dB Typ.)
- Return Loss: \geq 20dB
- 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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