

5m (16ft) MTP/MPO Fiber Optic Cable, 12F Type-B, OM4 Multimode MTP/PC Female Fiber Patch Cable, 50/125m, OFNP Plenum, MTP-12 Fiber Jumper Cord

Product ID: OM4MTP12BOFNP5M



This OM4 MTP/MPO multimode fiber cable supports high-density 40G and 100G connections between switches and servers, helping reduce cable bulk and simplify routing across data hall racks. The 12-fiber design supports high-speed MTP/MPO connectivity for multi-fiber network applications, while the Erika Violet jacket follows TIA standards to clearly distinguish OM4 from Aqua OM3 cabling.

Constructed with OM4 50/125m laser-optimized Corning glass, this cable delivers consistent high-bandwidth transmission for data center and backbone links. Type-B polarity MTP Elite connector maintains proper transmit/receive alignment for multi-lane connections, ensuring reliable performance without additional crossover components. Each cable is individually tested for signal integrity.

The OFNP plenum-rated jacket meets strict fire and low-smoke requirements, making it suitable for routing through air-handling spaces in commercial and enterprise environments, including data center and in-wall pathways.

Designed for use with structured MTP/MPO systems, including multi-fiber trunks, cassettes, and patching setups, this cable supports scalability for growing fiber networks and straightforward migration between 10G, 40G, and 100G infrastructure. The 12-fiber format enables high-density connectivity while reducing overall cable count for cleaner, more efficient installations.

Certifications, Reports and Compatibility



Applications

- Scale your Enterprise and Hyperscale network with high-density MPO/MTP cabling built for 10/40/100G data hall

and edge deployment

- Connect QSFP+ and QSFP28 switches, fiber distribution panels, and AI cluster infrastructure with high-density MPO/MTP fiber cabling
- Enable reliable 40GBASE-SR4 and 100GBASE-SR10 parallel optics links for scalable backbone deployments

Features

- **Enable High-Density 100G Deployments**: Support 100G switch uplinks and server connectivity with 12-fiber OM4 MTP/MPO cabling, optimized for scalable 40G/100G fiber architectures in high-density AI cluster interconnects and data hall deployments
- **Rated for Plenum Installations**: Route cabling through overhead and air-handling spaces with an OFNP Plenum-rated jacket designed to meet strict fire and low-smoke requirements; Erika Violet jacket is TIA-standardized for OM4, avoiding OM3/OM4 confusion with Aqua cables
- **Ensure Correct Fiber Polarity**: Type-B MTP Elite connector configuration reverses fiber positions to align transmit and receive paths automatically, supporting reliable QSFP28 high-speed interconnects without additional crossover components
- **Optimize Structured Fiber Infrastructure**: Consolidate multiple duplex fiber runs into a high-density 12-fiber MTP/MPO backbone made with high quality Corning glass to simplify cable management, improve rack scalability, and support evolving 40G and 100G network architectures
- **The IT Pro's Choice**: Designed for reliability in edge, enterprise, and hyperscale data center deployments, our fiber optic cables are lab-tested and field-proven for seamless integration and maximum uptime; Backed by free lifetime 24/5 multi-lingual technical assistance

Hardware

Warranty	Lifetime
Fiber Size	50/125
Cable Jacket Material	OFNP Plenum Rated
Fire Rating	OFNP Plenum Rated
Fiber Classification	OM4

Performance

Type	Multi Mode
Wavelength	850nm
	1300nm

Connector(s)

Connector A 1 - MPO/MTP

Connector B 1 - MPO/MTP

Environmental

Operating Temperature 0C to 70C (32F to 158F)

Storage Temperature -20C to 70C (-4F to 158F)

Humidity 0~90% RH

Physical Characteristics

Color Erika Violet

Connector Style Straight

Cable Length 16.4 ft [5 m]

Cable OD 0.1 in [3 mm]

Product Length 16.4 ft [5 m]

Product Width 0.6 in [1.4 cm]

Product Height 0.3 in [0.7 cm]

Weight of Product 1.7 oz [48 g]

Packaging Information

Package Length 7.1 in [18.0 cm]

Package Width 9.1 in [23.0 cm]

Package Height 0.6 in [1.5 cm]

Shipping (Package) Weight 0.4 oz [11.2 g]

What's in the Box

Included in Package 1 - MTP/MPO-12 Fiber Optic Cable

**Product appearance and specifications are subject to change without notice.*