

 MONOPRICE™

Monoprice™

Multi-Mode OM4 Fiber Optic Cable – MTP®-12 Elite UPC Female to MTP®-12 Elite UPC Female 12-Fiber OFNP Type B Aqua

Engineered for Superior Signal Integrity and Low-Loss Transmission Across High-Bandwidth Systems

Upgrade your high-speed network infrastructure with the Multi-Mode OM4 MTP®-12 Elite Fiber Optic Cable, engineered for maximum performance and density in modern data centers and high-bandwidth enterprise applications. This premium cable features MTP®-12 Elite UPC Female connectors on both ends and delivers exceptional signal integrity across 12 fibers—optimized for short-range transmission in OM4 multimode environments.

With a Type-B polarity configuration, this cable is ideal for applications like 40G/100G/400G Ethernet, InfiniBand, and Fibre Channel. Each MTP® connector is precision-engineered to the Elite standard, ensuring ultra-low insertion loss and superior return loss for optimal performance in high-density environments. The female-to-female connector setup eliminates the need for alignment pins, simplifying patch panel and cable deployments.

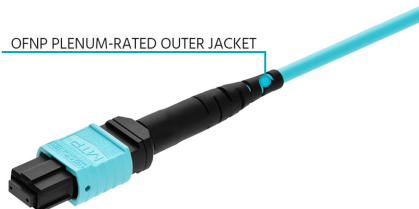
Constructed with an OFNP (Optical Fiber Nonconductive Plenum)-rated jacket, this cable meets the highest fire safety standards and is suitable for installation in plenum air-handling spaces. The OM4 fiber core supports transmission distances up to 150 meters at 40/100Gbps, providing a scalable solution for both current and future networking needs.

Designed for ease of installation and long-term reliability, this cable supports plug-and-play operation, reducing installation time and labor costs. Its rugged yet flexible design ensures durability while allowing for clean cable management in tight spaces.

Whether you're building out a hyperscale facility or upgrading existing infrastructure, the MTP®-12 OM4 Elite Fiber Optic Cable delivers the performance, reliability, and compliance your network demands. Pre-terminated and factory-tested for quality assurance, it enables faster deployments, lower labor costs, and a cleaner, more organized network environment.

- MTP®-12 Elite UPC female connectors
- High-performance OM4 multimode fiber
- 12-fiber high-density design
- Type-B polarity
- Plenum-rated OFNP jacket
- Plug-and-play ready
- Compact and flexible
- Factory-tested for quality

OFNP PLENUM-RATED OUTER JACKET



OFNP PLENUM-RATED OUTER JACKET

Flame-retardant and certified for use in plenum air-handling spaces, the cable meets the highest fire safety standards NFPA 262, ensuring compliance in commercial buildings.



PRE-TERMINATED FOR FAST DEPLOYMENT

Factory-tested and pre-polished for immediate installation—no splicing or field termination needed—reducing setup time and the risk of performance loss during deployment.

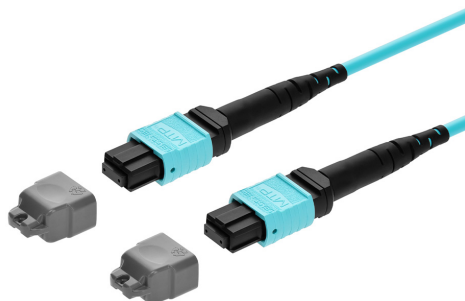


BEND-INSENSITIVE FIBER CONSTRUCTION

Maintains low signal loss even when bent around tight corners, allowing for flexible routing in cable-dense environments without compromising performance.

Full Specs

P/N	48219, 48220, 48221, 48222, 48223, 48224, 48225, 48226, 48227
Fiber Type	Multi-mode OM4 (50/125 μ m)
Fiber Count	12-Fiber
Jacket Material	OFNP Rated
Connector Type	MTP®-12 Elite UPC Female Connectors
Polish Type	UPC to UPC
Cable Diameter	3.0 mm
Insertion Standard Loss	$\leq$ 0.35 dB
Return Loss	$\geq$ 26 dB
Color	Aqua
Length Options	1 m, 2 m, 3 m, 5 m, 10 m, 15 m, 20 m, 25 m, 30 m



PACKAGE CONTENTS

- 1x Monoprice™ Multi-Mode OM4 Fiber Optic Cable – MTP®-12 Elite UPC Female to MTP®-12 Elite UPC Female 12-Fiber OFNP Type B Aqua