

 MONOPRICE™

Monoprice™

Multi-Mode OM4 Fiber Optic Cable – MTP®-12 UPC Female to MTP®-12 UPC Female 12-Fiber OFNP Type A AquaConnector, Black

Optimized for 40G and 100G Systems Requiring Reliable, High-Bandwidth Connectivity

Experience next-level high-speed data connectivity with our Multi-Mode OM4 Fiber Optic Cable – MTP®-12 UPC Female to MTP®-12 UPC Female. Engineered for mission-critical network environments, this 12-fiber cable features OM4 laser-optimized multimode fiber, delivering superior bandwidth and performance over short to medium distances—ideal for data centers, enterprise networks, and SAN (storage area network) applications.

Designed with MTP® UPC connectors, this cable ensures low insertion loss and optimal optical signal transmission. The UPC (Ultra Physical Contact) polished ferrules provide superior return loss, minimizing signal degradation and ensuring exceptional reliability across 40G/100G Ethernet deployments and high-density backbone networks.

With a Type-A polarity configuration, this cable provides a straight-through fiber mapping solution, ensuring compatibility with parallel optics systems and transceivers. Its compact 12-fiber design supports plug-and-play modularity, significantly reducing cable congestion and improving airflow in high-density rack environments.

The OFNP (Plenum-rated) jacket complies with the highest fire safety standards, making it suitable for installation in air-handling spaces such as ceiling ducts and raised floors. Built to withstand demanding conditions, this cable maintains excellent performance under mechanical stress and repeated connections.

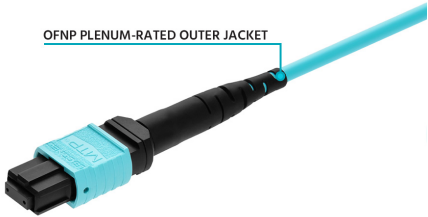
Whether you're upgrading an existing infrastructure or building a new high-speed backbone, the MTP®-12 OM4 solution offers high performance, scalability, and cost-efficiency in a streamlined design. Backed by quality construction and tested to exceed industry standards, it's the perfect choice for future-ready fiber networks.

- MTP®-12 UPC female connectors
- High-performance OM4 multimode fiber
- 12-fiber high-density design
- Type-A polarity
- Plenum-rated OFNP jacket
- Plug-and-play ready
- Compatible with high-speed applications
- Factory-tested for quality



MTP®-12 UPC FEMALE CONNECTORS

Precision-engineered connectors featuring Ultra Physical Contact (UPC) polished ferrules ensure low insertion loss and high return loss, enabling superior signal quality and consistent performance across all 12 fibers.



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.

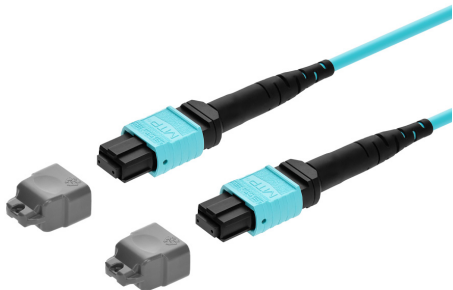


HIGH-DENSITY, SPACE-SAVING DESIGN

The compact round cable and push-pull MTP® connectors simplify cable management, reduce airflow blockages, and support high-density deployments in switches, patch panels, and data center racks.

Full Specs

P/N	48213, 48214, 48215, 48216, 48217, 48218
Fiber Type	Multi-mode OM4 (50/125 μm)
Fiber Count	12-Fiber
Jacket Material	OFNP Rated
Connector Type	MTP®-12 UPC Female Connectors
Polish Type	UPC to UPC
Cable Diameter	3.0 mm
Insertion Standard Loss	≤ 0.5 dB
Return Loss	≥ 26 dB
Color	Aqua
Length Options	1 m, 2 m, 3 m, 5 m, 10 m, 15 m



PACKAGE CONTENTS

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