

MPO/MTP Coupler, Multimode OM3/OM4 MPO Fiber Coupler, Key Up-Key Down, Fiber Optic MPO/MTP-PC Coupler for Patch Panels and Enclosures - Aqua

Product ID: MPOSMAPCAQCOUPLER



Extend a Multimode fiber connection by connecting two OM3/OM4 MPO/MTP trunk cables with this MPO/MTP Coupler. The female-to-female fiber coupler supports both male and female MPO/MTP connections, maintaining optimal signal integrity while achieving low insertion loss that exceeds industry standards.

The MPO/MTP Fiber Coupler supports Multimode OM3/OM4 (50/125 m) fiber cables. The coupler features toolless setup to simplify installation into fiber patch panels and rackmount/wall enclosures. Ideal for fast deployment in data centers, enterprise networks, and telecom applications.

The MPO/MTP Coupler features a durable ABS housing and precision alignment structure for accurate multi-fiber mating, minimizing signal loss for long-lasting reliability and performance.

Certifications, Reports and Compatibility



Applications

- Connect two multimode MPO/MTP cables to extend a fiber connection
- Add fiber connectivity to a rackmount patch panel or wall plate

Features

- **Extend MPO/MTP Connections**: Seamlessly join two Multimode OM3/OM4 MPO/MTP fiber cables or extend multi-fiber runs in rackmount patch panels, wall enclosures or distribution frames; Ideal for scalable data center and telecom builds
- **Reliable, High-Speed Performance**: Engineered for 1/10/40/100Gbps transmission with low 0.2dB insertion loss and precision mating, this coupler ensures signal integrity and exceeds TIA-568.3-D standards; Optimized for VCSEL sources
- **Quick Installation**: Plug-and-play design with metal mounting tabs offers quick, secure installation in standard panels with no tools required, no extra steps
- **Multimode Compatibility**: Supports OM3/OM4 Multimode MPO/MTP cables with 50/125um cores, operating at standard 850nm/1300nm VCSEL wavelengths; Best paired with MPO/MTP trunk cables with PC polished ends
- **The IT Pro's Choice**: Our network jacks, connectors, and couplers are tested for peak performance in structured cabling environments; Designed for reliability with consistent fit and finish; Backed by free lifetime 24/5 multi-lingual technical assistance

Hardware

Warranty	1 Year
Active or Passive Adapter	Passive
Ports	2

Performance

Type	Single Mode
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Connector(s)

Connector A	1 - MPO/MTP
Connector B	1 - MPO/MTP

Environmental

Operating Temperature	-40 to 85 (-40°F to 185°F)
Storage Temperature	-40 to 110 (-40°F to 230°F)
Humidity	95% RH

Physical Characteristics

Color	Aqua
Connector Style	Straight
Product Length	0.8 in [20.1 mm]

Product Width	0.7 in [17.2 mm]
Product Height	0.4 in [9.8 mm]
Weight of Product	0.1 oz [4 g]

Packaging Information

Package Length	3.5 in [9.0 cm]
Package Width	4.7 in [12.0 cm]
Package Height	0.4 in [1.0 cm]
Shipping (Package) Weight	0.2 oz [5.0 g]

What's in the Box

Included in Package	1 - MTP/MPO Fiber Coupler - Aqua
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****Product appearance and specifications are subject to change without notice.***