

MPO/MTP Coupler, Single Mode/Multimode Fiber Adapter, Key Up-Key Down, Fiber Optic
MPO/MTP Coupler - Aqua

Product ID: MPOSMAPCAQCOUPLER



Extend a multi-fiber connection by joining one keyed male MPO/MTP cable end to one un-keyed female MPO/MTP cable end with this MPO/MTP coupler. Compatible with Single Mode and Multimode MPO/MTP links, it helps maintain signal integrity with low insertion loss. Not compatible with two male or two female MPO/MTP cable ends

The MPO/MTP Fiber Coupler is optimized for OS2/OS1 and OM3/OM4 fiber links. The coupler features toolless setup to simplify installation into fiber adapter panels and enclosures. Ideal for fast deployment in data centers, enterprise networks, and telecom applications.

The MPO Coupler features a durable ABS housing and precision alignment structure for accurate multi-fiber mating, minimizing signal loss for long-lasting reliability and performance. The side metal mounting tabs enable fixed, secure positioning in high-density fiber installations.

Certifications, Reports and Compatibility



Applications

- Connect two MPO/MTP cables to extend a fiber connection
- Add MPO/MTP connectivity to a fiber adapter panel or enclosure

Features

- **Extend MPO/MTP Connections**: Join or extend Single Mode or Multimode MPO/MTP fiber runs by connecting one keyed male cable end to one un-keyed female cable end; Not compatible with two male or two female MPO/MTP cable ends
- **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
- **Quick Installation**: Plug-and-play design with metal mounting tabs enables fixed, secure positioning in high-density fiber installations with no tools required, no extra steps
- **Optimized for Multi-Fiber Links**: Supports OS2 and OM3/OM4 MPO/MTP links with APC or UPC polished ends for broad compatibility and quick deployment in structured cabling installations; Keyed male to un-keyed female cable ends only
- **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
	Multi Mode

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	1.8 in [44.5 mm]
Product Width	0.6 in [14.5 mm]
Product Height	0.4 in [9.2 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
---------------------	----------------------------------

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