

MPO/MTP Coupler, Single Mode MPO Fiber Coupler, Key Up-Key Down, Fiber Optic MPO/MTP-APC Coupler for Patch Panels and Enclosures - Green

**Product ID:** MPOSMAPCGNCOUPLER



Extend a Single Mode fiber connection by connecting two MPO/MTP trunk cables with this MPO/MTP to 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 Single Mode OS1/OS2 (9/125 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 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 Single Mode MPO/MTP fiber 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 Single Mode MPO/MTP fiber cables to 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 Single Mode laser 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
- **Single Mode Compatibility**: Supports OS1/OS2 Single Mode MPO/MTP cables with 9/125um cores, operating at standard 1310nm/1550nm wavelengths; Best paired with MPO/MTP trunk cables with APC 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

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#### Hardware

Warranty	1 Year
Active or Passive Adapter	Passive
Ports	2

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#### Performance

Type	Single Mode
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#### Connector(s)

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

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#### Environmental

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

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#### Physical Characteristics

Color	Green
Connector Style	Straight
Product Length	1.8 in [44.5 mm]

Product Width	0.6 in [14.7 mm]
Product Height	0.4 in [9.4 mm]
Weight of Product	0.1 oz [4 g]

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**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]

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**What's in the Box**

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