

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

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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           | 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]     |

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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 - Aqua |
|---------------------|----------------------------------|

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