

## MTP/MPO Parallel Optics Base-8 Migration Fiber Adapter, Polarity A to B, 12 Fiber, 40GB/100GB, OM4 M/F, Magenta, 8 in.

MODEL NUMBER: **N846-08N-A2B**



Adapter patch cable converts legacy 12-fiber MTP/MPO Method A cables to Method B Polarity for compatibility with Parallel Optics fiber mapping in Base-8 40GBASE-SR4 and 100GBASE-SR4 applications.

### Features

#### OM4-Rated for 40 Gb Ethernet Applications

- Designed to extend high-density connections between network equipment in telecommunication rooms and data centers
- Converts legacy 12-fiber Method A Polarity cables to Method B Polarity for use in Base-8 applications
- Supports speeds up to 40 GbE/100 GbE
- Backward compatible with existing 50/125 fiber
- Magenta-colored for identification as an OM4 cable

#### MTP/MPO Connectors with Push/Pull Tab

- 12-fiber male/female connectors
- Push/pull tab connector easy to install and remove with one hand
- 100% tested for low insertion loss and back reflection

#### Error-Free Signal Transfer

- 50/125 duplex glass fiber construction
- Meets current IEEE 802.3ae and TIA standards
- Plenum-rated OFNP jacket perfect for ceilings, walls and ducts
- Jacket features serial number for quality control and traceability

### Specifications

#### OVERVIEW

#### Highlights

- Supports speeds up to 40 GbE/100 GbE
- Push/pull tab connector installs/removes with one hand
- 12-fiber MTP/MPO connectors
- 100% tested for low insertion loss and back reflection
- 50/125 duplex glass fiber construction

#### Package Includes

- N846-08N-A2B MTP/MPO Parallel Optics Base-8 Migration Fiber Adapter (M/F), Magenta, 8 in.



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TRIPP LITE  
SERIES

UPC Code	037332203472
Technology	Multimode
Optical Mode	OM4
<b>CONNECTIONS</b>	
Side A - Connector 1	12F MPO (MALE)
Side B - Connector 1	12F MPO (FEMALE)
Endface Polish	PC
Polarity	Combination
<b>PHYSICAL</b>	
Cable Jacket Color	Magenta
Clad Diameter (microns)	125
Core Diameter (microns)	50
Number of Fibers	12
Cable Length (ft.)	0.7
Cable Length (m)	0.21
Cable Length (in.)	8
Shipping Dimensions (hwd / in.)	0.50 x 7.00 x 9.00
Shipping Dimensions (hwd / cm)	1.27 x 17.78 x 22.86
Shipping Weight (lbs.)	0.10
Shipping Weight (kg)	0.05
Fiber Cable Length	0.2M (0.7 ft)
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	-4° to 140°F (-20° to 60°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Operating Humidity Range	5% to 85% RH, Non-Condensing
Storage Humidity Range	35% to 65% RH, Non-Condensing
<b>COMMUNICATIONS</b>	
Network Compatibility	100 Gbps; 400 Gbps
Attenuation @ 1310NM	1.0 dB/km
Attenuation @ 850NM	3.0 dB/km
Insertion Loss	MTP/PC: 0.35 dB; LC/PC: 0.20 dB
<b>FEATURES &amp; SPECIFICATIONS</b>	
Push/Pull Tabs	Yes



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**STANDARDS & COMPLIANCE**

Product Compliance	RoHS; REACH
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**WARRANTY & SUPPORT**

Product Warranty Period (Worldwide)	Lifetime limited warranty
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