

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

MODEL NUMBER: **N846-08N-C2B**



Adapter patch cable converts legacy 12-fiber MTP/MPO Method C 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 C 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-C2B MTP/MPO Parallel Optics Base-8 Migration Fiber Adapter (M/F), Magenta, 8 in.



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TRIPP LITE  
SERIES

UPC Code	037332203489
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
Connector Color	Magenta; Black; Gray
Cable Jacket Material	PVC
Cable Jacket Rating	OFNP
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
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
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.)	0.20
Shipping Weight (kg)	0.09
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 @ 850NM	3.0 dB/km



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Insertion Loss	0.35 dB
<b>FEATURES &amp; SPECIFICATIONS</b>	
Push/Pull Tabs	Yes
Breakout	No
Trunk	No
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Compliance	RoHS; REACH
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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