

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

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.

| OVERVIEW | |
|---------------------------------|---------------------------------|
| UPC Code | 037332203472 |
| Technology | Multimode |
| Optical Mode | OM4 |
| PHYSICAL | |
| 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) |
| ENVIRONMENTAL | |
| 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 |
| COMMUNICATIONS | |
| 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 |
| CONNECTIONS | |
| Side A - Connector 1 | 12-STRAND MTP/MPO (MALE) |
| Side B - Connector 1 | 12-STRAND MTP/MPO (FEMALE) |
| Endface Polish | PC |
| Polarity | Combination |

| FEATURES & SPECIFICATIONS | |
|-------------------------------------|---------------------------|
| Push/Pull Tabs | Yes |
| STANDARDS & COMPLIANCE | |
| Product Compliance | RoHS; REACH |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |