

Important Note

OM3 can support 40GBASE-SR4 / 100GBASE-SR10 in applicable parallel optics networks.

100G MTP/MPO Multimode OM3 Plenum-Rated Fiber Optic Cable (CXP), 24 Fiber, 100GBASE-SR10, Push/Pull Tabs, Aqua, 1 m

MODEL NUMBER: N846-01M-24-P



Highlights

- Hi-density MTP/MPO 24-fiber connectors for reduced cabling
- Push/Pull tab connectors offer maximum accessibility in high density installations; install / remove with one hand
- OM3 rated 50/125 Multimode
- Supports to 100GbE speeds

Package Includes

- 1 Meter MTP / MPO Patch Cable, 24 Fiber, 100GbE Aqua OM3 Plenum

Description

MTP/MPO to MTP/MPO fiber Ethernet cables allow high-density connections between network equipment in telecommunication rooms. They feature push/pull tab connectors that offer maximum accessibility in high-density installations and install/remove with one hand. The MTP/MPO connector is approximately the same size of a SC connector, but accommodates 24 fibers and provides up to 24 times the density, thereby offering savings in circuit card and rack space. N846-Series cables are manufactured using laser-optimized, 50/125, OM3 multimode cable, and support speeds up to 100 GbE.

Features

- MTP / MPO Push-Pull Connectors for Quick Fiber Optic connections
- Push/Pull tab connectors offer maximum accessibility in high density installations; install / remove with one hand
- 24 times the density of SC style connectors
- No need for long fan-out cables or individual long duplex cable runs
- High-density design cuts down on installation costs
- 50/125 OM3 Rated Multimode Fiber, 850nm
- Plenum rated jacket
- Unique cable ID label for Quality Control and Traceability
- Each cable 100% tested for low insertion loss and back reflection
- Test data supplied with each cable
- Custom lengths available

Specifications



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| OVERVIEW | |
|---------------------------------|---------------------------------|
| UPC Code | 037332173799 |
| Technology | Multimode |
| Optical Mode | OM3 |
| CONNECTIONS | |
| Side A - Connector 1 | 24-STRAND MTP/MPO (FEMALE) |
| Side B - Connector 1 | 24-STRAND MTP/MPO (FEMALE) |
| Endface Polish | PC |
| Polarity | Type A (straight through) |
| PHYSICAL | |
| Cable Jacket Color | Aqua |
| Connector Color | Aqua; Black; Blue |
| Cable Jacket Material | PVC |
| Cable Jacket Rating | OFNP |
| Clad Diameter (microns) | 125 |
| Core Diameter (microns) | 50 |
| Number of Fibers | 24 |
| Cable Length (ft.) | 3.3 |
| Cable Length (m) | 1.01 |
| Cable Length (in.) | 39.4 |
| Minimum Bend Radius | 20 mm (Dynamic); 10 mm (Static) |
| Shipping Dimensions (hwd / in.) | 9.00 x 7.00 x 0.50 |
| Shipping Dimensions (hwd / cm) | 22.86 x 17.78 x 1.27 |
| Shipping Weight (lbs.) | 0.05 |
| Shipping Weight (kg) | 0.02 |
| Fiber Cable Length | 1M (3.3 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 |



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| | |
|--------------------------------------|---------------------------|
| Attenuation @ 850NM | 3.0 dB/km |
| Insertion Loss | 0.35 dB |
| FEATURES & SPECIFICATIONS | |
| Push/Pull Tabs | Yes |
| Breakout | No |
| Trunk | No |
| STANDARDS & COMPLIANCE | |
| Product Compliance | RoHS; REACH |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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