

100G Multimode 50/125 OM4 Fiber Optic Cable (12F MTP/MPO-PC F/F), OFNP, Magenta, 1 m (3.3 ft.), TAA

MODEL NUMBER: N845B-01M-12MTA



40/100 GbE Ethernet cable extends high-density connections between network components in enterprise applications in wiring closets, telecom rooms and data centers.

Features

40/100 GbE Cable Supports Higher Bandwidths Needed for High-Density Data Networking

As the amount of traffic in data networks grows, so does the need for devices and fiber cables to support higher bandwidths for high-density patching between data center MDFs and IDFs in enterprise installations. This multimode 50/125 OM4 cable is an ideal choice for 100G Ethernet applications up to 100 meters (328 feet) at 1300 nm. It is also backward compatible with 10 Gb, 25 Gb and 40 Gb networks, so you can future-proof your current application for an eventual upgrade to 400 Gb.

Magenta Jacket Helps Avoid Misidentification That Can Cause Costly Downtime

The OM4-rated cable has a magenta jacket to identify it as multimode in a crowded patch panel or switch and prevent it from becoming accidentally disconnected. The OFNP (Optical Fiber Non-Conductive Plenum) jacket is highly fire-resistant, making this cable ideal for plenum areas such as drop ceilings and raised floors. The connectors' slim boots allow easy one-handed installation and removal of the cable.

TAA-Compliant for GSA Schedule Purchases

The N845B-01M-12MTA is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

| OVERVIEW | |
|--------------|------------------|
| UPC Code | 037332286208 |
| Technology | Fiber; Multimode |
| Optical Mode | OM4 |
| CONNECTIONS | |

Highlights

- OM4-rated cable recommended for 100 Gb speeds up to 100 meters (@ 1300 nm)
- Backward compatible with 10/25/40 Gb networks to facilitate future-proofing
- Magenta OFNP jacket allows easy ID in a crowded switch or patch panel
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

N845B-01M-12MTA 100G Multimode 50/125 OM4 Fiber Optic Cable, Magenta, 1 m (3.3 ft.), TAA



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TRIPP LITE
SERIES

| | |
|--------------------------------------|--------------------------------------|
| Side A - Connector 1 | 12-STRAND MTP/MPO (FEMALE) |
| Side B - Connector 1 | 12-STRAND MTP/MPO (FEMALE) |
| Endface Polish | PC |
| Switchable Polarity | No |
| Polarity | Type B (cross) |
| PHYSICAL | |
| Cable Jacket Color | Magenta |
| Connector Color | Magenta; Black |
| Cable Jacket Material | PVC |
| Cable Jacket Rating | OFNP |
| Clad Diameter (microns) | 125.0 |
| Core Diameter (microns) | 50.0 |
| Primary Coating Diameter (microns) | 245.0 |
| Number of Fibers | 12 |
| Cable Length (ft.) | 3.28 |
| Cable Length (m) | 1.00 |
| Cable Length (in.) | 39.4 |
| Minimum Bend Radius | 20MM (Dynamic); 10MM (Static) |
| Unit Dimensions (hwd / in.) | 9.000 x 7.000 x 0.500 |
| Fiber Cable Length | 1M (3.3 ft) |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32° to 122°F (0° to 50°C) |
| Storage Temperature Range | -4° to 158°F (-20° to 70°C) |
| Relative Humidity | 5% to 85% RH, Non-Condensing |
| COMMUNICATIONS | |
| Network Compatibility | 10 Gbps; 40 Gbps; 100 Gbps; 400 Gbps |
| Attenuation @ 850NM | 2.4 dB/Km |
| Attenuation @ 1300NM | 0.6 dB/Km |
| Insertion Loss | 0.6dB |
| FEATURES & SPECIFICATIONS | |
| Push/Pull Tabs | No |
| Breakout | No |
| Trunk | No |



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| | |
|-------------------------------------|-----------------------------------------|
| Armored Cable | No |
| STANDARDS & COMPLIANCE | |
| Product Compliance | REACH; RoHS; Trade Agreements Act (TAA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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