

40G MTP/MPO to 4xLC Fan-Out OM4 Plenum-Rated Fiber Optic Cable, 40GBASE-SR4, Push/Pull Tabs, Magenta, 2 m

MODEL NUMBER: N845-02M-8L-MG



Connects 4 10Gb duplex LC devices to a 40Gb MTP port on a network switch. Designed for high-density connections between 40GBASE-SR4 network equipment.

Description

The two-meter N845-02M-8L-MG MTP/MPO to 8xLC Fan-Out Patch Cable supports 40 Gb Ethernet speeds and is designed for high-density connections between 40GBASE-SR4 network equipment. With one female MTP/MPO and eight male LC connectors, this OM4-rated multimode fiber optic fan-out cable supports various multi- and single-fiber connections. It fully transmits 40GBASE-SR with four fibers transmitting at 10 Gbps in each direction. Base-8 Fiber compatible with both QSFP+ 40GBASE-SR4 and QSFP28 100GBASE-SR4 connections.

Push/pull tab connectors are easily accessible in high-density data center applications and make the cable easy to install and remove with one hand. The magenta-colored N845-02M-8L-MG features a premium-grade ceramic ferrule for 10 GbE and faster applications. The slim, space-saving uniboot design makes cable easier to manage. The plenum-rated jacket is perfect for connecting high-speed network components in ceilings, walls and ducts. The sturdy plastic housing is built to last a long time.

Features

OM4-Rated for 40 Gb Ethernet Applications

- Connects 4 10Gb duplex LC devices to a 40Gb MTP port on a network switch
- Designed for high-density connections between 40GBASE-SR4 network equipment
- Base-8 Fiber compatible with both QSFP+ 40GBASE-SR4 and QSFP28 100GBASE-SR4 connections
- Multimode fiber optic fan-out cable supports various multi- and single-fiber connections.
- Fully transmits 40GBASE-SR with four fibers transmitting at 10 Gbps in each direction
- Magenta-colored for identification as an OM4 cable

MTP/MPO and LC Connectors with Push/Pull Tabs

- 1 female MTP/MPO and 8 male LC connectors
- Push/pull tab connectors easy to install and remove with one hand

Error-Free Signal Transfer

- Premium-grade ceramic ferrule for 10 GbE and faster applications
- Slim, space-saving uniboot design makes cable easier to manage

Highlights

- Push/pull tab connectors install/remove with one hand
- Plenum-rated jacket for connecting in ceilings, walls and ducts
- Base-8 Fiber compatible with both QSFP+ 40GBASE-SR4 and QSFP28 100GBASE-SR4 connections
- Magenta color for easy OM4 identification
- Slim, space-saving uniboot design for neat cable management
- Premium-grade ceramic ferrule designed for fast applications

Package Includes

- N845-02M-8L-MG MTP/MPO to 8xLC Fan-Out Patch Cable, Magenta, 2 m

- Plenum-rated jacket for connecting in ceilings, walls and ducts
- Sturdy plastic housing built to last a long time

Specifications

| OVERVIEW | |
|---------------------------------|---------------------------------|
| UPC Code | 037332200051 |
| Technology | Multimode |
| Optical Mode | OM4 |
| PHYSICAL | |
| Cable Jacket Color | Magenta |
| Connector Color | Aqua; Magenta; Black |
| Cable Jacket Material | PVC |
| Cable Jacket Rating | OFNP |
| Clad Diameter (microns) | 125 |
| Core Diameter (microns) | 50 |
| Number of Fibers | 8 |
| Cable Length (ft.) | 6.6 |
| Cable Length (m) | 2.01 |
| Cable Length (in.) | 78.7 |
| 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.) | 0.15 |
| Shipping Weight (kg) | 0.07 |
| Fiber Cable Length | 2M (6.6 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 | 40 Gbps; 100 Gbps; 400 Gbps |

| | |
|--------------------------------------|----------------------------|
| Attenuation @ 850NM | 3.0 dB/km |
| Insertion Loss | 0.35 dB |
| CONNECTIONS | |
| Side A - Connector 1 | 12-STRAND MTP/MPO (FEMALE) |
| Side B - Connector 1 | (8) LC DUPLEX (MALE) |
| Endface Polish | PC |
| Polarity | Type B (cross) |
| FEATURES & SPECIFICATIONS | |
| Push/Pull Tabs | Yes |
| Breakout | Yes |
| Trunk | Yes |
| STANDARDS & COMPLIANCE | |
| Product Compliance | RoHS; REACH |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |