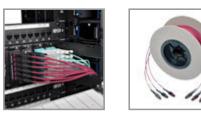
# TRIPP-LITE

1000 Eaton Boulevard Cleveland, OH 44122 United States

### MTP/MPO Multimode Base-8 Trunk Cable, 24-Strand, 40GB/100GB, 40/100GBASE-SR4, OM4 Plenum-Rated (3xF/3xF), Push/Pull Tab, Magenta, 45 m (147 ft.)

#### MODEL NUMBER: N858-45M-3X8-MG







Premium multimode fiber optic cabling for transmitting 40/100 Gb data and voice signals. Designed for high-density connections between network equipment in telecom rooms and data centers.

#### Description

The 45M (147.63-ft.) N858-45M-3X8-MG MTP/MPO Multimode Base-8 Trunk Cable supports 40/100 Gb Ethernet speeds and is designed for high-density connections between network equipment in telecommunication rooms and data centers.

With three female MTP/MPO connectors on each end, this OM4-rated multimode fiber optic cable is recommended for high-density fiber patching between data center MDFs (main distribution frames) and IDFs (intermediate distribution frames). It's colored magenta for instant identification as an OM4 cable. 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 8-fiber MTP/MPO connectors are about the same size as SC connectors, but are 12 times denser, freeing up rack space for other cables. Optimized for QSFP+ 40GBASE-SR4 and QSFP28 100GBASE-SR4 networks, this cable is tested for low insertion loss and back reflection on every connector and attenuation loss that meets or exceeds current standards. The 5.6-millimeter ruggedized plenum-rated jacket and bend-insensitive fiber are perfect for connecting high-speed network components in ceilings, walls and ducts.

#### Features

#### OM4-Rated for 40/100 Gb Ethernet Applications

- Designed to extend high-density connections between network equipment in telecom rooms and data centers
- Recommended for patching between data center MDFs and IDFs
- Optimized for QSFP+ 40GBASE-SR4 and QSFP28 100GBASE-SR4 networks
- Magenta-colored for identification as an OM4 cable

#### MTP/MPO Connectors with Push/Pull Tabs

- 8-fiber female connectors 12 times denser than SC connectors
- · Push/pull tab connectors easy to install and remove with one hand

#### Highlights

- Push/pull tab connectors install/remove with one hand
- 8-fiber MTP/MPO connectors with 12x density of SC connectors
- 100% tested for low insertion loss and back reflection
- 50/125 OM4-rated multimode fiber
- Magenta color for easy OM4
  identification

#### Package Includes

 N858-45M-3X8-MG MTP/MPO Multimode Base-8 Trunk Cable, Magenta, 45 m



• 100% tested for low insertion loss and back reflection

#### Error-Free Signal Transfer

- 50/125 duplex glass fiber construction
- Plenum-rated jacket and bend-insensitive fiber perfect for ceilings, walls and ducts

## **Specifications**

| OVERVIEW                        |                               |
|---------------------------------|-------------------------------|
| UPC Code                        | 037332200228                  |
| Technology                      | Multimode                     |
| Optical Mode                    | OM4                           |
| PHYSICAL                        |                               |
| Cable Jacket Color              | Magenta                       |
| Connector Color                 | Magenta; Black                |
| Cable Jacket Material           | PVC                           |
| Cable Jacket Rating             | OFNP                          |
| Clad Diameter (microns)         | 125                           |
| Core Diameter (microns)         | 50                            |
| Number of Fibers                | 24                            |
| Cable Length (ft.)              | 147.6                         |
| Cable Length (m)                | 45.00                         |
| Cable Length (in.)              | 1771.7                        |
| Minimum Bend Radius             | 20MM (Dynamic); 10MM (Static) |
| Shipping Dimensions (hwd / in.) | 4.72 x 10.24 x 10.24          |
| Shipping Dimensions (hwd / cm)  | 11.99 x 26.01 x 26.01         |
| Shipping Weight (lbs.)          | 4.19                          |
| Shipping Weight (kg)            | 1.90                          |
| 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                  |                               |



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|--|-------------------------------|--|
| Network Compatibility                  | 40 Gbps; 100 Gbps; 400 Gbps   |  |
| Attenuation @ 850NM                    | 3.0dB/Km                      |  |
| Insertion Loss                         | 0.35dB                        |  |
| CONNECTIONS                            |                               |  |
| Side A - Connector 1                   | (3) 8-STRAND MTP/MPO (FEMALE) |  |
| Side B - Connector 1                   | (3) 8-STRAND MTP/MPO (FEMALE) |  |
| Endface Polish                         | PC                            |  |
| FEATURES & SPECIFICATIONS              |                               |  |
| Push/Pull Tabs                         | Yes                           |  |
| Breakout                               | Yes                           |  |
| Trunk                                  | Yes                           |  |
| STANDARDS & COMPLIANCE                 |                               |  |
| Product Compliance                     | RoHS; REACH                   |  |
| WARRANTY & SUPPORT                     |                               |  |
| Product Warranty Period<br>(Worldwide) | Lifetime limited warranty     |  |



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