

## MTP/MPO Multimode Base-8 Trunk Cable, 24-Strand, 40/100 GbE, 40/100GBASE-SR4, OM4 Plenum-Rated (3xF/3xF), Push/Pull Tab, Magenta, 61 m (200 ft.)

MODEL NUMBER: **N858-61M-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 61-meter (200-foot) N858-61M-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

### 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

- N858-61M-3X8-MG MTP/MPO Multimode Base-8 Trunk Cable, Magenta, 61 m



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- Recommended for patching between data center MDFs and IDF's
- 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
- 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                        | 037332200235          |
| Attenuation @ 1300NM            | 1.0dB/Km              |
| Attenuation @ 850NM             | 3.0dB/Km              |
| Clad Diameter                   | 125 micron            |
| Core Diameter                   | 50 micron             |
| Number of Fibers                | 8                     |
| Optical Mode                    | OM4                   |
| INPUT                           |                       |
| Cable Length (ft.)              | 200.1                 |
| Cable Length (m)                | 61                    |
| Cable Length (in.)              | 2401.6                |
| PHYSICAL                        |                       |
| Color                           | Magenta               |
| Shipping Dimensions (hwd / cm)  | 11.94 x 26.16 x 25.91 |
| Shipping Dimensions (hwd / in.) | 4.70 x 10.30 x 10.20  |
| Shipping Weight (kg)            | 2.22                  |
| Shipping Weight (lbs.)          | 4.90                  |
| ENVIRONMENTAL                   |                       |



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|                                      |                           |
|--------------------------------------|---------------------------|
| Operating Temperature Range          | -4 TO 140 F (-20 TO 60 C) |
| Storage Temperature Range            | -4 TO 140 F (-20 TO 60 C) |
| <b>COMMUNICATIONS</b>                |                           |
| Network Speed                        | 10Gbps / 40Gbps / 100Gbps |
| <b>CONNECTIONS</b>                   |                           |
| Side A - Connector 1                 | (3) 8-STRAND MTP (FEMALE) |
| Side B - Connector 1                 | (3) 8-STRAND MTP (FEMALE) |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                           |
| Technology                           | Multimode; MTP/MPO        |
| Cable Style                          | Plenum Rated              |
| <b>SPECIAL FEATURES</b>              |                           |
| Push/Pull Tabs                       | Yes                       |
| <b>WARRANTY</b>                      |                           |
| Product Warranty Period (Worldwide)  | Lifetime limited warranty |

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