# MTP/MPO Multimode Base-8 Trunk Cable, 24-Strand, 40GB/100GB, 40/100GBASE-SR4, OM4 Plenum-Rated (3xF/3xF), Push/Pull Tab, Magenta, 23 m (75 ft.)

MODEL NUMBER: **N858-23M-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.

## 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

- N858-23M-3X8-MG MTP/MPO Multimode Base-8 Trunk Cable, Magenta, 23 m

## 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
- 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 | 037332200198 |
| 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.) | 75.5 |
| Cable Length (m) | 23.02 |
| Cable Length (in.) | 905.5 |
| Minimum Bend Radius | 20 mm (Dynamic); 10 mm (Static) |
| Shipping Dimensions (hwd / in.) | 3.74 x 8.27 x 8.27 |
| Shipping Dimensions (hwd / cm) | 9.50 x 21.01 x 21.01 |
| Shipping Weight (lbs.) | 2.36 |
| Shipping Weight (kg) | 1.07 |
| Fiber Cable Length | 23M (75.5 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 | (3) 8-STRAND MTP/MPO (FEMALE) |
| Side B - Connector 1 | (3) 8-STRAND MTP/MPO (FEMALE) |
| 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 |