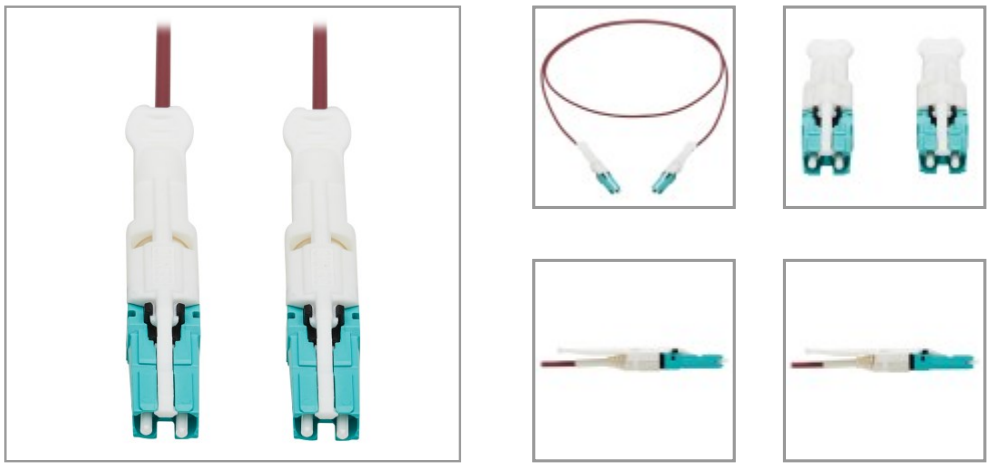
# 400G Duplex Multimode 50/125 OM4 Fiber Optic Cable (CS-PC/CS-PC), Round LSZH Jacket, Magenta, 1 m

MODEL NUMBER: **N822C-01M-MG**



400 GbE Ethernet cable supports high bandwidths necessary for next-generation cloud services, hyperscale data centers and telecom carriers.

## Features

**400 GbE Cable Supports Higher Bandwidths Needed for Next-Gen Data Networking**As the amount of traffic in data networks grows, so does the need for next-generation devices and fiber cables to support much higher bandwidths in cloud services, hyperscale data centers, telecom applications and equipment OEM companies. This duplex multimode 50/125 OM4 cable is an ideal choice for 400G Ethernet applications up to 100 meters (at 850 nm). It is also backward compatible with 40 Gb and 100 Gb networks, so you can future-proof your current application for an eventual upgrade to 400 Gb.

**Compact CS Connectors Designed for the Latest QSFP-DD Transceivers**The CS ends are 40 percent smaller than standard LC connectors, making them compatible with the latest 400G QSFP-DD transceivers and an excellent solution for high-density network applications. Push/pull tabs allow dense vertical stacking in switches or patch panels where space is at a premium and make the cable easy to install or remove with one hand.

**Magenta Jacket Helps Avoid Misidentification That Can Cause Costly Downtime**The OM4-rated cable has a magenta jacket, which is easy to identify quickly in a crowded patch panel or switch and helps prevent the cable from becoming accidentally disconnected. The round low-smoke zero-halogen (LSZH) jacket limits the amount of toxic smoke emitted in case of combustion, making it suitable for poorly ventilated areas.

## Highlights

- OM4-rated cable recommended for 400 Gb speeds up to 100 m (@ 850 nm)
- CS connectors 40% more dense than standard LC ends for easier cable management
- Smaller-format CS ends designed for next-generation 400G QSFP-DD transceivers
- Backward compatible with 40/100 GbE networks to facilitate future-proofing
- Magenta LSZH jacket allows fast, easy identification in a crowded switch or patch panel

## Applications

Connect 400G fiber Ethernet networks in your cloud service, hyperscale data center or telecom application

## Package Includes

N822C-01M-MG 400Gb Duplex Multimode 50/125 OM4 Fiber Optic Cable, Magenta, 1 m

# Specifications

| OVERVIEW | |
|---|---|
| UPC Code | 037332260093 |
| Technology | Multimode |
| Optical Mode | OM4 |

| | |
|---|---|
| **CONNECTIONS** | |
| Side A - Connector 1 | CS DUPLEX (MALE) |
| Side B - Connector 1 | CS DUPLEX (MALE) |
| Endface Polish | PC |
| **PHYSICAL** | |
| Cable Jacket Color | Magenta |
| Connector Color | White; Aqua |
| Cable Jacket Material | LSZH |
| Cable Jacket Rating | OFNR |
| Clad Diameter (microns) | 125 |
| Core Diameter (microns) | 50 |
| Primary Coating Diameter (microns) | 600 |
| Number of Fibers | 2 |
| Cable Length (ft.) | 3.3 |
| Cable Length (m) | 1.01 |
| Cable Length (in.) | 39.4 |
| Minimum Bend Radius | 20 mm (Dynamic); 10 mm (Static) |
| Fiber Cable Length | 1M (3.3 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 | 400 Gbps |
| Transmission Distance | 100M @ 850NM Wavelength |
| Attenuation @ 850NM | 3.0 dB/km |
| Insertion Loss | 0.20 dB |
| **FEATURES & SPECIFICATIONS** | |
| Push/Pull Tabs | Yes |
| Breakout | No |
| Trunk | No |

| | |
|---|---|
| **STANDARDS & COMPLIANCE** | |
| Product Compliance | RoHS; REACH |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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