# 10Gb/100Gb Duplex Multimode 50/125 OM4 LSZH Fiber Patch Cable (LC/LC) - Aqua, 2M (6-ft.)

MODEL NUMBER: **N820-02M-OM4**

### Highlights

- Designed for 40/100-Gig Ethernet applications...OM4 Rated
- Backward compatible with existing 50/125 fiber
- Max 40/100Gb distance of 300 meters @850nm
- Low-Smoke, Zero Halogen (LSZH) Aqua jacket

### Package Includes

- 2 meter ( 6ft ) Duplex Multimode 50/125 Aqua OM4 Fiber Patch Cable, LC/LC

## Description

Tripp Lite introduces it's new OM4 Laser-Optimized Multimode Fiber (LOMMF) "Aqua" cables, for use with 40/100Gb Ethernet applications. These new technology, 50/125um, LC/LC Fiber Optic cables, provide nearly ten times the bandwidth over conventional 62.5um multimode fiber, with performance rivaling that of Singlemode cable, at a much reduced cost. LOMMF cable allows 40/100Gb serial transmission over extended distances in the 850nm wavelength window, where low-cost Vertical Cavity Surface Emitting Lasers (VCSELs) enable a cost-effective, high-bandwidth solution. LOMMF is ideally suited for LAN's, SAN's, and high-speed parallel interconnects for head-ends, central offices, and data centers.

## Features

- 2 Meter ( 6ft ) LC/LC, OM4 Rated
- 40/100gb Ethernet speed to 300 meters @850nm
- Use with VCSEL and LED laser light sources
- High-Speed, High-Bandwidth, Low-Cost
- Backward compatible with legacy LAN's
- Ideal for Fibre Channel (SAN) applications
- IEEE 802.3ae and TIA LOMMF compliant

# Specifications

| OVERVIEW | |
|---|---|
| UPC Code | 037332165244 |
| Clad Diameter | 125 micron |

| Core Diameter | 50 micron |
|---|---|
| Number of Fibers | 2 |
| Optical Mode | OM4 |

| **INPUT** | |
|---|---|
| Cable Length (ft.) | 6.6 |
| Cable Length (m) | 2 |
| Cable Length (in.) | 78.7 |

| **PHYSICAL** | |
|---|---|
| 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.) | 0.05 |
| Shipping Weight (kg) | 0.02 |
| Color | Aqua |

| **COMMUNICATIONS** | |
|---|---|
| Network Speed | 10Gbps / 40Gbps / 100Gbps |

| **CONNECTIONS** | |
|---|---|
| Side A - Connector 1 | LC DUPLEX (MALE) |
| Side B - Connector 1 | LC DUPLEX (MALE) |

| **SPECIAL FEATURES** | |
|---|---|
| Push/Pull Tabs | No |

| **FEATURES & SPECIFICATIONS** | |
|---|---|
| Technology | Multimode |

| **WARRANTY** | |
|---|---|
| Product Warranty Period (Worldwide) | Lifetime limited warranty |