

## 10Gb/100Gb Duplex Multimode 50/125 OM4 LSZH Fiber Patch Cable (LC/LC) - Aqua, 5M (16-ft.)

MODEL NUMBER: **N820-05M-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

- 5 meter ( 16ft ) Duplex Multimode 50/125 Aqua OM4 Fiber Patch Cable, LC/LC

### Description

Tripp Lite introduces its 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

- 5 Meter ( 16ft ) 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      | 037332165305 |
| Clad Diameter | 125 micron   |



|                                      |                           |
|--------------------------------------|---------------------------|
| Core Diameter                        | 50 micron                 |
| Number of Fibers                     | 2                         |
| Optical Mode                         | OM4                       |
| <b>INPUT</b>                         |                           |
| Cable Length (ft.)                   | 16.4                      |
| Cable Length (m)                     | 5                         |
| Cable Length (in.)                   | 196.9                     |
| <b>PHYSICAL</b>                      |                           |
| Color                                | Aqua                      |
| Shipping Dimensions (hwd / cm)       | 22.86 x 17.78 x 1.27      |
| Shipping Dimensions (hwd / in.)      | 9.00 x 7.00 x 0.50        |
| Shipping Weight (kg)                 | 0.04                      |
| Shipping Weight (lbs.)               | 0.09                      |
| <b>COMMUNICATIONS</b>                |                           |
| Network Speed                        | 10Gbps / 40Gbps / 100Gbps |
| <b>CONNECTIONS</b>                   |                           |
| Side A - Connector 1                 | LC DUPLEX (MALE)          |
| Side B - Connector 1                 | LC DUPLEX (MALE)          |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                           |
| Technology                           | Multimode                 |
| <b>SPECIAL FEATURES</b>              |                           |
| Push/Pull Tabs                       | No                        |
| <b>WARRANTY</b>                      |                           |
| Product Warranty Period (Worldwide)  | Lifetime limited warranty |

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