



**Tripp Lite**  
1111 W. 35th Street  
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OM3 can support 40GBASE-SR4 / 100GBASE-SR10 in applicable parallel optics networks

## 10Gb Duplex Multimode 50/125 OM3 LSZH Fiber Patch Cable, (LC/LC) - Aqua, 6M (20 ft.)

MODEL NUMBER: **N820-06M**



### Highlights

- Designed for 10-Gig Ethernet applications...OM3 Rated
- Backward compatible with existing 50/125 fiber
- Max 10Gb distance of 300 meters @850nm
- Low-Smoke, Zero Halogen (LSZH) Aqua jacket

### Package Includes

- 6 meter ( 20ft ) Duplex Multimode 50/125 Aqua OM3 Fiber Patch Cable, LC/LC

### Description

Tripp Lite introduces its new OM3 Laser-Optimized Multimode Fiber (LOMMF) "Aqua" cables, for use with 10Gb Ethernet applications. These new technology, 50/125um, LC/LC Fiber Optic cables, provide nearly four times the bandwidth over conventional 62.5um multimode fiber, with performance rivaling that of Singlemode cable, at a much reduced cost. LOMMF cable allows 10Gb 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

- 6 Meter ( 20ft ) LC/LC, OM3 rated
- 10gb 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 | 037332142047 |



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|                                      |                           |
|--------------------------------------|---------------------------|
| Clad Diameter                        | 125 micron                |
| Core Diameter                        | 50 micron                 |
| Number of Fibers                     | 2                         |
| Optical Mode                         | OM3                       |
| <b>INPUT</b>                         |                           |
| Cable Length (ft.)                   | 19.7                      |
| Cable Length (m)                     | 6                         |
| Cable Length (in.)                   | 236.2                     |
| <b>PHYSICAL</b>                      |                           |
| Cable Jacket Rating                  | LSZH                      |
| 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)                 | 0.05                      |
| Shipping Weight (lbs.)               | 0.11                      |
| <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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