

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, 30M (100 ft.)

MODEL NUMBER: **N820-30M**



### 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

- 30 meter 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 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 cabling 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

- 30 Meter ( 100ft ) 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     | 037332134295 |
| Technology   | Multimode    |
| Optical Mode | OM3          |

| <b>PHYSICAL</b>                      |   |
|--------------------------------------|---|
| Cable Jacket Color                   | Aqua  |
| Connector Color                      | White   |
| Cable Jacket Material                | LSZH  |
| Cable Jacket Rating                  | OFNR  |
| Clad Diameter (microns)              | 125   |
| Core Diameter (microns)              | 50  |
| Number of Fibers                     | 2   |
| Cable Length (ft.)                   | 98.4  |
| Cable Length (m)                     | 30.00   |
| Cable Length (in.)                   | 1181.1  |
| Minimum Bend Radius                  | 20MM (Dynamic); 10MM (Static)                         |
| Shipping Dimensions (hwd / in.)      | 12.00 x 10.50 x 0.50                                  |
| Shipping Dimensions (hwd / cm)       | 30.48 x 26.67 x 1.27                                  |
| Shipping Weight (lbs.)               | 0.48  |
| Shipping Weight (kg)                 | 0.22  |
| <b>ENVIRONMENTAL</b>                 |   |
| 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                         |
| <b>COMMUNICATIONS</b>                |   |
| Network Compatibility                | 1 Gbps (Gigabit); 10 Gbps; 25 Gbps; 40 Gbps; 100 Gbps |
| Attenuation @ 850NM                  | 3.0dB/Km  |
| Insertion Loss                       | 0.20dB  |
| <b>CONNECTIONS</b>                   |   |
| Side A - Connector 1                 | LC DUPLEX (MALE)                                      |
| Side B - Connector 1                 | LC DUPLEX (MALE)                                      |
| Endface Polish                       | PC  |
| <b>FEATURES &amp; SPECIFICATIONS</b> |   |
| Push/Pull Tabs                       | No  |
| Breakout                             | No  |

# TRIPP-LITE

by **EAT•N**

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United States

|                                     |                           |
|-------------------------------------|---------------------------|
| Trunk                               | No                        |
| <b>STANDARDS &amp; COMPLIANCE</b>   |                           |
| Product Compliance                  | RoHS; REACH               |
| <b>WARRANTY &amp; SUPPORT</b>       |                           |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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