



**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, 12M (39 ft.)

MODEL NUMBER: **N820-12M**



### 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

- 12M (39-ft.) Duplex Multimode 50/125 Aqua OM3 Fiber Patch Cable, LC/LC

### Features

- 12M (39-ft.) 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              | 037332138002 |
| Technology            | Multimode    |
| Optical Mode          | OM3          |
| PHYSICAL              |              |
| Cable Jacket Color    | Aqua         |
| Connector Color       | White        |
| Cable Jacket Material | LSZH         |
| Cable Jacket Rating   | OFNR         |



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|                                      |                                                       |
|--------------------------------------|-------------------------------------------------------|
| Clad Diameter (microns)              | 125                                                   |
| Core Diameter (microns)              | 50                                                    |
| Number of Fibers                     | 2                                                     |
| Cable Length (ft.)                   | 39.4                                                  |
| Cable Length (m)                     | 12.01                                                 |
| Cable Length (in.)                   | 472.4                                                 |
| Minimum Bend Radius                  | 20MM (Dynamic); 10MM (Static)                         |
| 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)                 | 0.09                                                  |
| Shipping Weight (lbs.)               | 0.20                                                  |
| <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                                                    |
| Trunk                                | No                                                    |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                                       |
| Certification & Compliance           | RoHS; REACH                                           |
| <b>WARRANTY</b>                      |                                                       |



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|                                        |                           |
|----------------------------------------|---------------------------|
| Product Warranty Period<br>(Worldwide) | Lifetime limited warranty |
|----------------------------------------|---------------------------|

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