



**Tripp Lite**  
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OM3 can support 40GBASE-SR4 / 100GBASE-SR10 in applicable parallel optics networks

## 10G Duplex Multimode 50/125 OM3 LSZH Fiber Optic Cable (LC/LC), Aqua, 2 m (6 ft.)

MODEL NUMBER: **N820-02M**



### Highlights

- OM3 rated for 10G Ethernet applications
- Low-smoke, zero halogen (LSZH) aqua-colored jacket
- Max 10G distance of 300 m @ 850 nm
- Backward compatible with existing 50/125 fiber

### Package Includes

- N820-02M 10G Duplex Multimode Fiber Optic Cable (LC/LC), Aqua, 2 m

### Features

- OM3-rated 2 m (6 ft.) cable with LC/LC connectors
- 10G Ethernet speeds to 300 m @ 850 nm
- High speed, high bandwidth, low cost
- Ideal for fibre channel (SAN) applications
- IEEE 802.3ae and TIA LOMMF compliant
- Use with VCSEL and LED laser light sources
- Backward compatible with legacy LANs

## Specifications

| OVERVIEW              |              |
|-----------------------|--------------|
| UPC Code              | 037332134660 |
| Technology            | Multimode    |
| Optical Mode          | OM3          |
| PHYSICAL              |              |
| Cable Jacket Color    | Aqua         |
| Connector Color       | White; Aqua  |
| 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.)                   | 6.6   |
| Cable Length (m)                     | 2.01  |
| Cable Length (in.)                   | 78.7  |
| 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)                 | 0.03  |
| Shipping Weight (lbs.)               | 0.06  |
| <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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