

#### Important Note

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              |
| CONNECTIONS          |                  |
| Side A - Connector 1 | LC DUPLEX (MALE) |
| Side B - Connector 1 | LC DUPLEX (MALE) |
| Endface Polish       | PC               |



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| PHYSICAL                        |                                                       |
|---------------------------------|-------------------------------------------------------|
| Cable Jacket Color              | Aqua                                                  |
| Connector Color                 | White; Aqua                                           |
| Cable Jacket Material           | LSZH                                                  |
| Cable Jacket Rating             | OFNR                                                  |
| 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             | 20 mm (Dynamic); 10 mm (Static)                       |
| Shipping Dimensions (hwd / in.) | 9.00 x 7.00 x 0.50                                    |
| Shipping Dimensions (hwd / cm)  | 22.86 x 17.78 x 1.27                                  |
| Shipping Weight (lbs.)          | 0.06                                                  |
| Shipping Weight (kg)            | 0.03                                                  |
| Fiber Cable Length              | 2M (6.6 ft)                                           |
| ENVIRONMENTAL                   |                                                       |
| 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                         |
| COMMUNICATIONS                  |                                                       |
| Network Compatibility           | 1 Gbps (Gigabit); 10 Gbps; 25 Gbps; 40 Gbps; 100 Gbps |
| Attenuation @ 850NM             | 3.0 dB/km                                             |
| Insertion Loss                  | 0.20 dB                                               |
| FEATURES & SPECIFICATIONS       |                                                       |
| Push/Pull Tabs                  | No                                                    |
| Breakout                        | No                                                    |
| Trunk                           | No                                                    |
| STANDARDS & COMPLIANCE          |                                                       |
| Product Compliance              | RoHS; REACH                                           |

WARRANTY & SUPPORT

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

1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
<https://tripplite.eaton.com>

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