

# 10Gb/40Gb/100Gb Duplex Multimode 50/125 OM4 LSZH Fiber Patch Cable (LC/LC), Aqua, 3M (9.8 ft.)

MODEL NUMBER: N820-03M-OM4



## Highlights

- Designed for 40/100-Gig Ethernet applications...OM4 Rated
- Backward compatible with existing 50/125 fiber
- Max 40/100Gb distance of 300 meters @850nm
- Low-Smoke, Zero Halogen (LSZH) Aqua jacket

## Package Includes

- 3 meter ( 10ft ) Duplex Multimode 50/125 Aqua OM4 Fiber Patch Cable, LC/LC

## Features

- 3 Meter ( 10ft ) LC/LC, OM4 Rated
- 40/100gb 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             | 037332165275     |
| Technology           | Multimode        |
| Optical Mode         | OM4              |
| CONNECTIONS          |                  |
| Side A - Connector 1 | LC DUPLEX (MALE) |
| Side B - Connector 1 | LC DUPLEX (MALE) |
| Endface Polish       | PC               |
| PHYSICAL             |                  |
| Cable Jacket Color   | Aqua             |



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|                                      |                                                       |
|--------------------------------------|-------------------------------------------------------|
| Connector Color                      | Aqua                                                  |
| Cable Jacket Material                | LSZH                                                  |
| Cable Jacket Rating                  | OFNR                                                  |
| Clad Diameter (microns)              | 125                                                   |
| Core Diameter (microns)              | 50                                                    |
| Number of Fibers                     | 2                                                     |
| Cable Length (ft.)                   | 9.8                                                   |
| Cable Length (m)                     | 2.99                                                  |
| Cable Length (in.)                   | 118.1                                                 |
| 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                   | 3M (9.8 ft)                                           |
| <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                  | 3.0 dB/km                                             |
| Insertion Loss                       | 0.20 dB                                               |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                                       |
| Push/Pull Tabs                       | No                                                    |
| Breakout                             | No                                                    |
| 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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