

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, 5M (16-ft.)

MODEL NUMBER: **N820-05M**



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 jack

Package Includes

- 5 meter (15ft) 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 new technology, 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 cable, 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

- 5 Meter (15ft) 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 | 037332134653 |



| | |
|--------------------------------------|---------------------------|
| Clad Diameter | 125 micron |
| Core Diameter | 50 micron |
| Number of Fibers | 2 |
| Optical Mode | OM3 |
| INPUT | |
| Cable Length (ft.) | 16.4 |
| Cable Length (m) | 5 |
| Cable Length (in.) | 196.9 |
| PHYSICAL | |
| Shipping Dimensions (hwd / in.) | 9.50 x 7.00 x 0.50 |
| Shipping Dimensions (hwd / cm) | 24.13 x 17.78 x 1.27 |
| Shipping Weight (lbs.) | 0.06 |
| Shipping Weight (kg) | 0.03 |
| Color | Aqua |
| Cable Jacket Rating | LSZH |
| COMMUNICATIONS | |
| Network Speed | 10Gbps / 40Gbps / 100Gbps |
| CONNECTIONS | |
| Side A - Connector 1 | LC DUPLEX (MALE) |
| Side B - Connector 1 | LC DUPLEX (MALE) |
| SPECIAL FEATURES | |
| Push/Pull Tabs | No |
| FEATURES & SPECIFICATIONS | |
| Technology | Multimode |
| WARRANTY | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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