



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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, 4M (13-ft.)

MODEL NUMBER: N820-04M



### 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

- 4M (13-ft.) Duplex Multimode 50/125 Aqua OM3 Fiber Patch Cable, LC/LC

### Description

Tripp Lite's N820-04M is an OM3 Laser-Optimized Multimode Fiber (LOMMF) "Aqua" cable, for use with 10Gb Ethernet applications. 50/125um, LC/LC Fiber Optic cables provide nearly four times the bandwidth over conventional 62.5um multimode fiber, with performance rivaling that of Single mode 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

- 4M (13-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         |       |
|------------------|-------|
| Clad Diameter    | 125um |
| Core Diameter    | 50um  |
| Number of Fibers | 2     |



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| INPUT                               |                           |
|-------------------------------------|---------------------------|
| Cable Length (ft.)                  | 13.1                      |
| Cable Length (m)                    | 4                         |
| PHYSICAL                            |                           |
| Color                               | Aqua                      |
| COMMUNICATIONS                      |                           |
| Network Speed                       | 10Gbps / 40Gbps / 100Gbps |
| CONNECTIONS                         |                           |
| Side A - Connector 1                | LC DUPLEX (MALE)          |
| Side B - Connector 1                | LC DUPLEX (MALE)          |
| WARRANTY                            |                           |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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