

Duplex Multimode 50/125 Fiber Patch Cable (LC/SC), 30M (100 ft.)

MODEL NUMBER: **N516-30M**



Description

This 30-meter multimode duplex Fibre Channel SC/LC Ethernet cable is manufactured from 50/125 zipcord fiber. The cable has SC connectors on one end and LC at the other, a PVC jacket, and is FDDI and OFNR rated. 50/125 Duplex multimode fiber is most commonly used in Fibre Channel applications. It is backward compatible with 62.5 micron fiber and built-in headroom for future applications. The cable provides higher bandwidth optimized for Gigabit and 10 Gbps networks as well. Also available in 1, 2, 3, 5, 10, 20, 30 and 50 meter lengths. Search "N516-" to bring up all lengths. Also search "N506-" for SC-SC cables, and "N520-" for LC-LC cables.

Features

- Constructed with 50/125 micron cable
- Length - 30M
- Use on fiber and fibre channel installations
- SC male to LC male connectors
- Higher bandwidth optimized for gigabit and 10Gbps networks
- Backward compatible with 62.5 micron fiber
- Built-in headroom for future applications
- Number of fibers: 2
- Fiber type: all glass graded index
- Core diameter: two 50+/-3 microns
- CLAD diameter: 125+/-2 microns
- Primary coating diameter: 245+/-15 microns
- Primary coating material: acrylate
- Secondary coating diameter: 900+/-50 microns
- Secondary coating material: PVC
- Attenuation @850NM: 3.5DB/KM maximum, @1300NM: 1.0DB/KM maximum
- Bandwidth @850NM: 220 MHz-KM minimum, @1300NM: 600 MHz-KM minimum
- Numeric Aperture: .275 nominal
- Proof test level: 100,000 PSI

Highlights

- Premium PVC 50/125 multimode patch cables
- Attenuation loss meets or exceeds the latest industry standards
- Higher bandwidth optimized for gigabit and 10Gbps networks
- Backward compatible with 62.5 micron fiber
- Built-in headroom for future applications

System Requirements

- Any fiber optic hardware or NIC card requiring multimode duplex cable with LC/SC connectors

Package Includes

- 30M duplex MMF cable LC/SC 50/125 fiber



Powering Business Worldwide

TRIPP LITE
SERIES

- Insertion loss testing performed on every connector (0.2db typical) and provided with cable
- Beveled edge on ends of glass makes insertion of plug a breeze

Specifications

| OVERVIEW | |
|---------------------------------|---------------------------------|
| UPC Code | 037332119544 |
| Technology | Multimode |
| Optical Mode | OM2 |
| CONNECTIONS | |
| Side A - Connector 1 | LC DUPLEX (MALE) |
| Side B - Connector 1 | SC DUPLEX (MALE) |
| Endface Polish | PC |
| PHYSICAL | |
| Cable Jacket Color | Orange |
| Connector Color | White; Beige |
| Cable Jacket Material | LSZH |
| Cable Jacket Rating | OFNR |
| Clad Diameter (microns) | 125 |
| Core Diameter (microns) | 50 |
| Number of Fibers | 2 |
| Cable Length (ft.) | 98.4 |
| Cable Length (m) | 30.00 |
| Cable Length (in.) | 1181.1 |
| Minimum Bend Radius | 20 mm (Dynamic); 10 mm (Static) |
| Shipping Dimensions (hwd / in.) | 10.00 x 8.00 x 1.00 |
| Shipping Dimensions (hwd / cm) | 25.40 x 20.32 x 2.54 |
| Shipping Weight (lbs.) | 0.29 |
| Shipping Weight (kg) | 0.13 |
| Fiber Cable Length | 30M (98.4 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 |



Powering Business Worldwide

TRIPP LITE
SERIES

| | |
|--------------------------------------|------------------------------------|
| Storage Humidity Range | 35% to 65% RH, Non-Condensing |
| COMMUNICATIONS | |
| Network Compatibility | 1 Gbps (Gigabit); 10 Gbps; 25 Gbps |
| Attenuation @ 850NM | 3.0 dB/km |
| Insertion Loss | LC 0.20 dB; SC 0.20 dB |
| FEATURES & SPECIFICATIONS | |
| Push/Pull Tabs | No |
| Breakout | No |
| Trunk | No |
| STANDARDS & COMPLIANCE | |
| Product Compliance | RoHS; REACH |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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

© 2024 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Tripp Lite:](#)

[N516-30M](#)