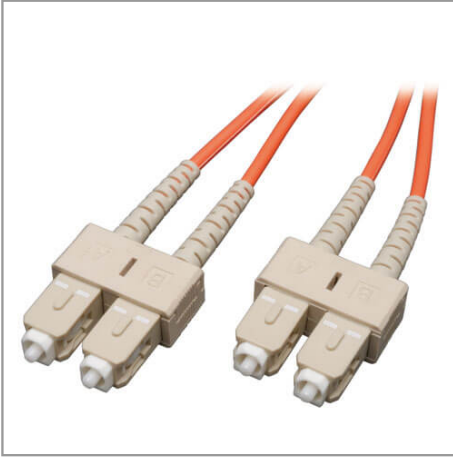


## Duplex Multimode 50/125 Fiber Patch Cable (SC/SC), 1M (3 ft.)

MODEL NUMBER: N506-01M



### Features

- Constructed with 50/125 micron cable
- Length - 1M
- Use on fiber and fibre channel installations
- SC male to SC 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
- 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

### 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 SC/SC connectors

### Package Includes

- 1M duplex MMF cable SC/SC 50/125 fiber

| <b>OVERVIEW</b>                 |                                 |
|---------------------------------|---------------------------------|
| UPC Code                        | 037332119438                    |
| Technology                      | Multimode                       |
| Optical Mode                    | OM2                             |
| <b>PHYSICAL</b>                 |                                 |
| Cable Jacket Color              | Orange                          |
| Connector Color                 | Beige                           |
| Cable Jacket Material           | LSZH                            |
| Cable Jacket Rating             | OFNR                            |
| Clad Diameter (microns)         | 125                             |
| Core Diameter (microns)         | 50                              |
| Number of Fibers                | 2                               |
| Cable Length (ft.)              | 3.3                             |
| Cable Length (m)                | 1.01                            |
| Cable Length (in.)              | 39.4                            |
| 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              | 1M (3.3 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       |
| Attenuation @ 850NM             | 3.0 dB/km                       |
| Insertion Loss                  | 0.20 dB                         |
| <b>CONNECTIONS</b>              |                                 |
| Side A - Connector 1            | SC DUPLEX (MALE)                |

# TRIPP-LITE

by **EATON**

1000 Eaton Boulevard  
Cleveland, OH 44122  
United States

|                                      |                           |
|--------------------------------------|---------------------------|
| Side B - Connector 1                 | SC DUPLEX (MALE)          |
| Endface Polish                       | PC                        |
| <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 |

# TRIPP-LITE

by **EATON**

© 2023 Eaton. All Rights Reserved.  
Eaton is a registered trademark. All other trademarks  
are the property of their respective owners.