Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
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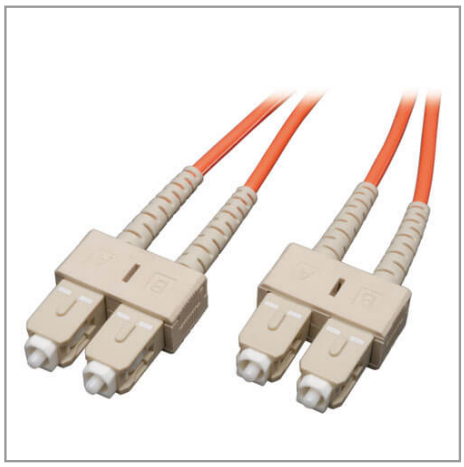
www.tripplite.com

# Duplex Multimode 50/125 Fiber Patch Cable (SC/SC), 50M (164-ft.)

MODEL NUMBER: **N506-50M**



## Description

Tripp Lite's 50-meter multimode duplex Fibre Channel SC/SC patch cable is manufactured from 50/125 zipcord fiber. The cable has SC connectors on each end, 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 10Gbps networks as well. Also available in 1, 2, 3, 5, 10, 15, and 30 meter lengths. Search "N506-" to bring up all lengths. Also search "N516-" for SC-LC cables, and "N520-" for LC-LC cables.

## Features

- Constructed with 50/125 micron cable
- Length - 50M
- 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

## 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

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

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- 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

| | |
|---|---|
| **OVERVIEW** | |
| UPC Code | 037332119599 |
| Technology | Multimode( All versions) |
| Optical Mode | OM2 |
| **INPUT** | |
| Cable Length (ft.) | 164 |
| Cable Length (m) | 50 |
| **PHYSICAL** | |
| Shipping Dimensions (hwd / in.) | 12.000 x 10.000 x 1.000 |
| Shipping Dimensions (hwd / cm) | 30.48 x 25.40 x 2.54 |
| Shipping Weight (lbs.) | 0.8600 |
| Shipping Weight (kg) | 0.39 |
| Color | Orange |
| **COMMUNICATIONS** | |
| Network Speed | 1Gbps |
| **CONNECTIONS** | |
| Side A - Connector 1 | SC DUPLEX (MALE) |
| Side B - Connector 1 | SC DUPLEX (MALE) |
| **WARRANTY** | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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