

## Duplex Multimode 50/125 Fiber Patch Cable (LC/SC), 3M (10 ft.)

MODEL NUMBER: **N516-03M**



### Description

Tripp Lite's 3-meter multimode duplex Fibre Channel SC/LC patch 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 10Gbps networks as well. Also available in 1, 2, 5, 10, 15, 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 - 3M
- 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

### 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

- 3M Duplex MMF Cable LC/SC 50/125 Fiber



- 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	037332117229
Attenuation @ 1300NM	1.0 DB/KM maximum
Attenuation @ 850NM	3.5 DB/KM maximum
Bandwidth @ 1300NM	600 MHZ-KM minimum
Bandwidth @ 850NM	220 MHZ-KM minimum
Clad Diameter	125 micron
Core Diameter	50 micron
Number of Fibers	2
Numerical Aperture	.275 nominal
Primary Coating Diameter	245 +/- 15 MICRONS
Primary Coating Material	ACRYLATE
Proof Test Level	100,000 PSI
Secondary Coating Diameter	900 +/- 50 MICRONS
Secondary Coating Material	PVC
Optical Mode	OM2
INPUT	
Cable Length (ft.)	9.8
Cable Length (m)	3
Cable Length (in.)	118.1
PHYSICAL	
Color	Orange
Shipping Dimensions (hwd / cm)	0.64 x 15.75 x 16.00
Shipping Dimensions (hwd / in.)	0.25 x 6.20 x 6.30



Shipping Weight (kg)	0.05
Shipping Weight (lbs.)	0.10
<b>COMMUNICATIONS</b>	
Network Speed	1Gbps
<b>CONNECTIONS</b>	
Side A - Connector 1	LC DUPLEX (MALE)
Side B - Connector 1	SC DUPLEX (MALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
Technology	Multimode
<b>SPECIAL FEATURES</b>	
Push/Pull Tabs	No
<b>STANDARDS &amp; COMPLIANCE</b>	
Approvals	FDDI and OFNR rated
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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