

## 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
- 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

### 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



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
www.tripplite.com



- 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	
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 +/- 2 microns
Core Diameter	Two 50 +/- 3 microns
Fiber Type	50/125 - OM2
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
Intended Application	Computer Networking (Fiber)
Cable Type	MULTIMODE 50/125 FIBER OPTIC
Network Speed	1Gbps
INPUT	
Cable Length (m)	3
UPC ASSIGNMENT	
Unit Carton UPC#	037332117229
PHYSICAL	
Color	Orange
Style	Fiber Optic
CONNECTIONS	



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

Connector A	 LC
Connector B	 SC
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

## Related Items

### Optional Products

Model Number	Description	Qty.
<a href="#">N506-03M</a>	3M (10-ft.) Duplex MMF 50/125 Patch Cable (SC/SC)	1
<a href="#">N516-01M</a>	1M (3-ft.) Duplex MMF 50/125 Patch Cable (LC/SC)	1
<a href="#">N516-02M</a>	2M (6-ft.) Duplex MMF 50/125 Patch Cable (LC/SC)	1
<a href="#">N516-05M</a>	5M (16-ft.) Duplex MMF 50/125 Patch Cable (LC/SC)	1
<a href="#">N516-10M</a>	10M (33-ft.) Duplex MMF 50/125 Patch Cable (LC/SC)	1
<a href="#">N516-15M</a>	15M (50-ft.) Duplex MMF 50/125 Patch Cable (LC/SC)	1
<a href="#">N516-30M</a>	30M (100-ft.) Duplex MMF 50/125 Patch Cable (LC/SC)	1
<a href="#">N516-50M</a>	50M (164-ft.) Duplex MMF 50/125 Patch Cable (LC/SC)	1
<a href="#">N520-03M</a>	3M (10-ft.) Duplex MMF 50/125 Patch Cable (LC/LC)	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at:  
<http://www.tripplite.com/sku/N516-03M>.