

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

MODEL NUMBER: **N520-01M**



### Description

Tripp Lite's 1-meter multimode duplex Fibre Channel optic LC/LC patch cable is manufactured from 50/125 zipcord fiber. The cable has LC connectors on each end. It has 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 provides built-in headroom for future applications. The cable provides higher bandwidth optimized for Gigabit and 10Gbps networks as well. Also available in lengths up to 152 meters. Enter "N520-" in the search field to bring up all lengths. For LC-SC cables, search "N516-", and for SC-SC, search "N506-".

### Features

- Constructed with 50/125 micron cable
- Length: 1-meter
- Use on fiber and fibre channel installations
- LC 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
- Numerical aperture: .275 nominal

### Highlights

- Premium PVC 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/LC connectors

### Package Includes

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

- 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 @ 850NM	3.5DB/KM maximum, @1300NM: 1.0DB/KM maximum
Bandwidth @ 850NM	220 MHz-KM minimum, @1300NM: 600 MHz-KM minimum
Clad Diameter	125+/-2 microns
Core Diameter	Two 50+/-3 microns
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
Fiber Type	50/125 - OM2
Cable Type	Multimode
INPUT	
Cable Length (ft.)	3
Cable Length (m)	1
PHYSICAL	
Color	Orange
COMMUNICATIONS	
Network Speed	1Gbps
CONNECTIONS	
Connector A	LC
Connector B	LC
Connector C	LC
Connector D	LC
Number of Connectors	4



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<b>CERTIFICATIONS</b>	
Certifications	ROHS
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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