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## Model #: N520-01M

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



#### Highlights

- Premium PVC multimode patch cables
- Attenuation loss meets or exceeds the latest industry standards
- Loop-back cables provide an easier, "single-person" solution for testing fiber optic cable systems
- Higher bandwidth optimized for gigabit and 10Gbps networks
- Backward compatible with 62.5 micron fiber
- Built-in headroom for future applications

#### 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-".

#### 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

#### 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
- 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
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)	1
UPC ASSIGNMENT	
Unit Carton UPC#	037332119520
PHYSICAL	
Color	Orange
Style	Fiber Optic
CONNECTIONS	
Connector A	 LC
Connector B	 LC
Number of Connectors	4
CERTIFICATIONS	
Certifications	ROHS
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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## Related Items

### Optional Products

Related Model	Description	Qty.
<a href="#">N506-01M</a>	1M (3-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="#">N520-02M</a>	2M (6-ft.) Duplex MMF 50/125 Patch Cable (LC/LC)	1
<a href="#">N520-03M</a>	3M (10-ft.) Duplex MMF 50/125 Patch Cable (LC/LC)	1
<a href="#">N520-05M</a>	5M (16-ft.) Duplex MMF 50/125 Patch Cable (LC/LC)	1
<a href="#">N520-10M</a>	10M (33-ft.) Duplex MMF 50/125 Patch Cable (LC/LC)	1
<a href="#">N520-15M</a>	15M (50-ft.) Duplex MMF 50/125 Patch Cable (LC/LC)	1
<a href="#">N520-30M</a>	30M (100-ft.) Duplex MMF 50/125 Patch Cable (LC/LC)	1
<a href="#">N520-50M</a>	50M (164-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 [www.tripplite.com/en/products/model.cfm?txtModelID=2611](http://www.tripplite.com/en/products/model.cfm?txtModelID=2611).

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