

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

MODEL NUMBER: N520-01M



### 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

### 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



## Specifications

OVERVIEW	
UPC Code	037332119520
Bandwidth @ 850NM	220 MHz-KM minimum, @1300NM: 600 MHz-KM minimum
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
Technology	Multimode
Optical Mode	OM2
PHYSICAL	
Color	Orange
Clad Diameter	125 micron
Core Diameter	50 micron
Number of Fibers	2
Cable Length (ft.)	3.3
Cable Length (m)	1
Cable Length (in.)	39.4
Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg)	0.01
Shipping Weight (lbs.)	0.02
COMMUNICATIONS	
Network Speed	1Gbps
Attenuation @ 850NM	3.5DB/KM maximum, @1300NM: 1.0DB/KM maximum
CONNECTIONS	
Side A - Connector 1	LC DUPLEX (MALE)
Side A - Connector 2	LC DUPLEX (MALE)
Side B - Connector 1	LC DUPLEX (MALE)
SPECIAL FEATURES	



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

Push/Pull Tabs	No
<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	ROHS
Approvals	FDDI and OFNR rated
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

© 2021 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>