

## 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

### 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



- 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                        |                                                 |
|---------------------------------|-------------------------------------------------|
| UPC Code                        | 037332119520                                    |
| 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 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.)              | 3.3                                             |
| Cable Length (m)                | 1                                               |
| Cable Length (in.)              | 39.4                                            |
| PHYSICAL                        |                                                 |
| Color                           | Orange                                          |
| 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                                            |



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

| COMMUNICATIONS                      |                           |
|-------------------------------------|---------------------------|
| Network Speed                       | 1Gbps                     |
| CONNECTIONS                         |                           |
| Side A - Connector 1                | LC DUPLEX (MALE)          |
| Side B - Connector 1                | LC DUPLEX (MALE)          |
| FEATURES & SPECIFICATIONS           |                           |
| Technology                          | Multimode                 |
| SPECIAL FEATURES                    |                           |
| Push/Pull Tabs                      | No                        |
| STANDARDS & COMPLIANCE              |                           |
| Certifications                      | ROHS                      |
| Approvals                           | FDDI and OFNR rated       |
| WARRANTY                            |                           |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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