

## Duplex Multimode 50/125 Fiber Patch Cable (LC/LC), 25M (82-ft.)

MODEL NUMBER: **N520-25M**



### Description

Tripp Lite's 25-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 1, 2, 3, 5, 10, 15, 20, 30, and 50 meter lengths. 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 - 25M
- 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

### Highlights

- Perfect for use with Fibre Channel Controller Cards and Switches
- 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
- Premium PVC multimode patch cables

### Applications

- Fibre Channel storage installations

### System Requirements

- Any fiber optic hardware or NIC card requiring multimode duplex cable with LC/LC connectors

### Package Includes

- 25M Duplex MMF Cable LC/LC 50/125 Fiber



- Bandwidth @850NM: 220 MHZ-KM minimum, @1300NM: 600 MHZ-KM minimum
- Bandwidth @850NM: 220 MHZ-KM minimum, @1300NM: 600 MHZ-KM minimum
- 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 |
| 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.)         | 82                   |
| Cable Length (m)           | 25                   |
| PHYSICAL                   |                      |
| Color                      | Orange               |
| COMMUNICATIONS             |                      |
| Network Speed              | 1Gbps                |
| CONNECTIONS                |                      |
| Connector A                | LC                   |



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

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

© 2015 Tripp Lite. All rights reserved. All trademarks are the sole property of their respective owners. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Photos may differ slightly from final products.