

## Duplex Multimode 50/125 Fiber Patch Cable (LC/LC), 5M (16 ft.)

MODEL NUMBER: **N520-05M**



### Features

- Constructed with 50/125 micron cable
- Length - 5M
- 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
- Numeric 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

### 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

- 5M duplex MMF cable LC/LC 50/125 fiber



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| OVERVIEW                        |                                    |
|---------------------------------|------------------------------------|
| UPC Code                        | 037332119506                       |
| Technology                      | Multimode                          |
| Optical Mode                    | OM2                                |
| CONNECTIONS                     |                                    |
| Side A - Connector 1            | LC DUPLEX (MALE)                   |
| Side B - Connector 1            | LC DUPLEX (MALE)                   |
| Endface Polish                  | PC                                 |
| PHYSICAL                        |                                    |
| Cable Jacket Color              | Orange                             |
| Connector Color                 | Gray                               |
| Cable Jacket Material           | LSZH                               |
| Cable Jacket Rating             | OFNR                               |
| Clad Diameter (microns)         | 125                                |
| Core Diameter (microns)         | 50                                 |
| Number of Fibers                | 2                                  |
| Cable Length (ft.)              | 16.4                               |
| Cable Length (m)                | 5.00                               |
| Cable Length (in.)              | 196.9                              |
| Minimum Bend Radius             | 20 mm (Dynamic); 10 mm (Static)    |
| Shipping Dimensions (hwd / in.) | 9.00 x 7.00 x 0.50                 |
| Shipping Dimensions (hwd / cm)  | 22.86 x 17.78 x 1.27               |
| Shipping Weight (lbs.)          | 0.07                               |
| Shipping Weight (kg)            | 0.03                               |
| Fiber Cable Length              | 5M (16.4 ft)                       |
| ENVIRONMENTAL                   |                                    |
| Operating Temperature Range     | -4° to 140°F (-20° to 60°C)        |
| Storage Temperature Range       | -4° to 140°F (-20° to 60°C)        |
| Operating Humidity Range        | 5% to 85% RH, Non-Condensing       |
| Storage Humidity Range          | 35% to 65% RH, Non-Condensing      |
| COMMUNICATIONS                  |                                    |
| Network Compatibility           | 1 Gbps (Gigabit); 10 Gbps; 25 Gbps |
| Attenuation @ 850NM             | 3.0 dB/km                          |



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|                                      |                           |
|--------------------------------------|---------------------------|
| Insertion Loss                       | 0.20 dB                   |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                           |
| Push/Pull Tabs                       | No                        |
| Breakout                             | No                        |
| Trunk                                | No                        |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                           |
| Product Compliance                   | RoHS; REACH               |
| <b>WARRANTY &amp; SUPPORT</b>        |                           |
| Product Warranty Period (Worldwide)  | Lifetime limited warranty |

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