# Duplex Multimode 50/125 Fiber Patch Cable (LC/LC), 7M (23 ft.)

MODEL NUMBER: **N520-07M**

### Highlights

- Premium PVC multimode LC/LC patch cable - 7m
- 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

- 7-meter duplex MMF cable LC/LC 50/125 fiber

### Features

- Constructed with 50/125 micron cable
- Length: 7-meters
- 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 apeture: .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 | 037332139245 |
| Bandwidth @ 850NM | 220 MHz-KM minimum, @ 1300nm: 600 MHz-KM minimum |
| Numerical Aperture | .275 nominal |
| Primary Coating Material | Acrylate |
| Proof Test Level | 100,000 PSI |
| Secondary Coating Material | PVC |
| 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 |
| Primary Coating Diameter (microns) | 245 |
| Secondary Coating Diameter (microns) | 900 |
| Number of Fibers | 2 |
| Cable Length (ft.) | 23 |
| Cable Length (m) | 7.01 |
| Cable Length (in.) | 275.6 |
| Minimum Bend Radius | 20 mm (Dynamic); 10 mm (Static) |
| Shipping Dimensions (hwd / in.) | 9.50 x 6.50 x 0.85 |
| Shipping Dimensions (hwd / cm) | 24.13 x 16.51 x 2.16 |
| Shipping Weight (lbs.) | 0.26 |
| Shipping Weight (kg) | 0.12 |
| Fiber Cable Length | 7M (23 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 |
| Insertion Loss | 0.20 dB |
| **FEATURES & SPECIFICATIONS** | |
| Push/Pull Tabs | No |
| Breakout | No |
| Trunk | No |
| **STANDARDS & COMPLIANCE** | |
| Product Compliance | RoHS; REACH |
| **WARRANTY & SUPPORT** | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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