

Duplex Multimode 50/125 Fiber Patch Cable (LC/LC), 100M (328 ft.)

MODEL NUMBER: **N520-100M**



Features

- Constructed with 50/125 micron cable
- Length - 100M - Ships on a Reel
- Use on fiber and fibre channel installations
- LC male to LC male connectors
- Higher bandwidth optimized for gigabit 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 \pm 3 microns
- CLAD diameter: 125 \pm 2 microns
- Primary coating diameter: 245 \pm 15 microns
- Primary coating material: acrylate
- Secondary coating diameter: 900 \pm 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 networks

System Requirements

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

Package Includes

- 100M Duplex MMF Cable LC/LC 50/125 Fiber

| OVERVIEW | |
|---------------------------------|------------------------------------|
| UPC Code | 037332125200 |
| Technology | Multimode |
| Optical Mode | OM2 |
| 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.) | 328.1 |
| Cable Length (m) | 100.03 |
| Cable Length (in.) | 3937 |
| Minimum Bend Radius | 20MM (Dynamic); 10MM (Static) |
| Shipping Dimensions (hwd / cm) | 30.48 x 30.48 x 20.32 |
| Shipping Dimensions (hwd / in.) | 12.00 x 12.00 x 8.00 |
| Shipping Weight (kg) | 1.59 |
| Shipping Weight (lbs.) | 3.50 |
| 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 | 3.0dB/Km |
| Insertion Loss | 0.20dB |
| CONNECTIONS | |
| Side A - Connector 1 | LC DUPLEX (MALE) |
| Side B - Connector 1 | LC DUPLEX (MALE) |



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|--------------------------------------|---------------------------|
| Endface Polish | PC |
| FEATURES & SPECIFICATIONS | |
| Push/Pull Tabs | No |
| Breakout | No |
| Trunk | No |
| STANDARDS & COMPLIANCE | |
| Certification & Compliance | RoHS; REACH |
| WARRANTY | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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