

Duplex Multimode 50/125 Fiber Patch Cable (LC/LC), 3M (10 ft.)

MODEL NUMBER: N520-03M



Features

- Constructed with 50/125 micron cable
- Length - 3M
- 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

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

- 3M duplex MMF cable LC/LC 50/125 fiber



Specifications

| OVERVIEW | |
|---------------------------------|----------------------|
| UPC Code | 037332117236 |
| Bandwidth @ 1300NM | 600 MHZ-KM minimum |
| Bandwidth @ 850NM | 220 MHZ-KM minimum |
| 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 |
| Technology | Multimode |
| Optical Mode | OM2 |
| PHYSICAL | |
| Color | Orange |
| Clad Diameter | 125 micron |
| Core Diameter | 50 micron |
| Number of Fibers | 2 |
| Cable Length (ft.) | 9.8 |
| Cable Length (m) | 3 |
| Cable Length (in.) | 118.1 |
| 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) | 0.03 |
| Shipping Weight (lbs.) | 0.06 |
| COMMUNICATIONS | |
| Network Speed | 1Gbps |
| Attenuation @ 1310NM | 1.0 DB/KM maximum |
| Attenuation @ 850NM | 3.5 DB/KM maximum |
| CONNECTIONS | |
| Side A - Connector 1 | LC DUPLEX (MALE) |
| Side A - Connector 2 | LC DUPLEX (MALE) |



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|-------------------------------------|---------------------------|
| Side B - Connector 1 | LC DUPLEX (MALE) |
| SPECIAL FEATURES | |
| Push/Pull Tabs | No |
| STANDARDS & COMPLIANCE | |
| Approvals | FDDI and OFNR rated |
| WARRANTY | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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