

## Duplex Multimode 50/125 Fiber Patch Cable (LC/SC), 1M (3 ft.)

MODEL NUMBER: N516-01M



### Features

- Constructed with 50/125 micron cable
- Length - 1M
- Use on fiber and fibre channel installations
- SC 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
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### Highlights

- Premium PVC 50/125 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/SC connectors

### Package Includes

- 1M duplex MMF cable LC/SC 50/125 fiber

## Specifications

<b>OVERVIEW</b>	
UPC Code	037332119605
Technology	Multimode
Optical Mode	OM2
<b>PHYSICAL</b>	
Cable Jacket Color	Orange
Connector Color	White; Beige
Cable Jacket Material	LSZH
Cable Jacket Rating	OFNR
Clad Diameter (microns)	125
Core Diameter (microns)	50
Number of Fibers	2
Cable Length (ft.)	3.3
Cable Length (m)	1.01
Cable Length (in.)	39.4
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Shipping Dimensions (hwd / in.)	0.25 x 5.40 x 6.20
Shipping Dimensions (hwd / cm)	0.64 x 13.72 x 15.75
Shipping Weight (lbs.)	0.10
Shipping Weight (kg)	0.05
<b>ENVIRONMENTAL</b>	
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
<b>COMMUNICATIONS</b>	
Network Compatibility	1 Gbps (Gigabit); 10 Gbps
Attenuation @ 850NM	3.0 dB/km
Insertion Loss	LC 0.20 dB; SC 0.20 dB
<b>CONNECTIONS</b>	
Side A - Connector 1	LC DUPLEX (MALE)

Side B - Connector 1	SC DUPLEX (MALE)
Endface Polish	PC
<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