

## Duplex Multimode 50/125 Fiber Patch Cable (LC/SC), 20M (65 ft.)

MODEL NUMBER: N516-20M



### Features

- Constructed with 50/125 micron cable
- Length - 20M
- Use on fiber and fibre channel installations
- LC male to SC 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
- Bandwidth @850NM: 220 MHz-KM minimum, @1300NM: 600 MHz-KM minimum
- 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

- Perfect for use with Fibre Channel Controller Cards and Switches
- 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
- Premium PVC multimode patch cables

### System Requirements

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

### Package Includes

- 20M duplex MMF cable LC/SC 50/125 fiber

<b>OVERVIEW</b>	
UPC Code	037332123640
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.)	65.6
Cable Length (m)	20.00
Cable Length (in.)	787.4
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.75
Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.90
Shipping Weight (lbs.)	0.19
Shipping Weight (kg)	0.09
Fiber Cable Length	20M (65.6 ft)
<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; 25 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