Duplex Multimode 50/125 Fiber Patch Cable (LC/LC), 12M (40 ft.)

MODEL NUMBER: **N520-12M**

Description

This 12-meter multimode duplex Fibre Channel optic LC/LC Ethernet cable is manufactured from 50/125 zipcord fiber. The cable has LC connectors on each end. It has a PVC jacket and is FDDI and OFNR rated. 50/125 Duplex multimode fiber is most commonly used in Fibre Channel applications. It is backward compatible with 62.5 micron fiber and provides built-in headroom for future applications. The cable provides higher bandwidth optimized for Gigabit and 10 Gbps networks as well. Also available in 1, 2, 3, 5, 15, 20, 25, 30 and 50 meter lengths. Enter "N520-" in the search field to bring up all lengths. For LC-SC cables, search "N516-", and for SC-SC, search "N506-".

Features

- Constructed with 50/125 micron cable
- Length - 12M (40ft)
- 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

Specifications

OVERVIEW	
UPC Code	037332156327
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
Number of Fibers	2
Cable Length (ft.)	39.4
Cable Length (m)	12.01
Cable Length (in.)	472.4
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27
Shipping Weight (lbs.)	0.18
Shipping Weight (kg)	0.08
Fiber Cable Length	12M (39.4 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