Duplex Singlemode 9/125 Fiber Plenum Rated Patch Cable (LC/ST), 5M (16 ft.)

MODEL NUMBER: **N368-05M-P**

Highlights

- Premium PLENUM rated 9/125 micron singlemode patch cables
- Attenuation loss meets or exceeds the latest industry standards
- Twice the bandwidth throughput of multimode cable

System Requirements

- Any fiber optic hardware or NIC card requiring singlemode duplex cable with LC/SCconnectors

Package Includes

- 5M (16.4-ft.) Duplex Plenum Rated Singlemode Fiber Patch Cable, LC/ST

Description

This plenum-rated singlemode duplex fiber optic LC/ST Ethernet cable is manufactured from 9/125 zipcord fiber. The cable has LC connectors on one end, ST connectors on the other, and is FDDI and OFNR rated. Duplex singlemode fiber is most commonly used in LAN applications. Plenum cable is used in plenum return air chambers where local fir codes dictate the use of plenum-rated cable.

Features

- Manufactured from 9/125 duplex (zipcord) fiber
- PLENUM Rated jacket
- Length: 5M (16.4-ft.) Connectors: 2 LC and 2 ST connectors on each end
- 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
- Fiber made from glass (not a polymer)
- Fiber optic distributed data interface (FDDI) rated
- OFNR (riser rated)

Specifications

OVERVIEW	
UPC Code	037332149145
Technology	Singlemode
Optical Mode	OS2

PHYSICAL	
Cable Jacket Color	Yellow

Connector Color	Black; Blue; White
Cable Jacket Material	PVC
Cable Jacket Rating	OFNR
Clad Diameter (microns)	125
Core Diameter (microns)	9
Number of Fibers	2
Cable Length (ft.)	16.4
Cable Length (m)	5.00
Cable Length (in.)	196.9
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.)	0.08
Shipping Weight (kg)	0.04
Fiber Cable Length	5M (16.4 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; 40 Gbps; 100 Gbps; 400 Gbps
Attenuation @ 1310NM	0.36 dB/km
Attenuation @ 1550NM	0.22 dB/km
Insertion Loss	0.30 dB

CONNECTIONS

Side A - Connector 1	LC DUPLEX (MALE)
Side B - Connector 1	ST DUPLEX (MALE)
Endface Polish	UPC

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