

# Duplex Multimode 62.5/125 Fiber Patch Cable (LC/LC), 0.3M (1 ft.)

MODEL NUMBER: N320-001



## Description

This multimode duplex micron fiber optic LC/LC Ethernet cable is manufactured from 62.5/125 zipcord fiber. The cable has LC connectors on each end, a PVC jacket and is FDDI and OFNR rated. Duplex multimode fiber is most commonly used in LAN applications where links are 10 feet (3.1 meters) or less.

#### **Features**

- Manufactured from 62.5/125 duplex (zipcord) fiber
- PVC jacket
- Length: 1-ft. (0.31 m)/Connectors: 2 LC 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)
- Duplex multimode fiber is most commonly used in LAN applications where links are 10-ft. (3.05 m) or less
- Fiber optic distributed data interface (FDDI) rated
- OFNR (riser rated)

## **Specifications**

OVERVIEW		
UPC Code	037332138460	
Technology	Multimode	
Optical Mode	OM1	
PHYSICAL		

## **Highlights**

- Manufactured from 62.5/125 duplex (Zipcord) fiber
- Length: 1-ft. (0.31 m) /
   Connectors: 2 LC connectors on each end
- Insertion loss testing performed on every connector (0.2dB typical)
- Duplex multimode fiber is most commonly used in LAN applications where links are 10ft. (3.05 m) or less
- Fiber Optic Distributed Data Interface (FDDI) Rated

## **System Requirements**

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

## **Package Includes**

1-ft. (0.31 m) Duplex MMF LC/LC 62.5/125 Micron Fiber Cable



Cabile Jacket Color         Oringe           Connector Color         Gry           Cabile Jacket Material         LSZH           Cabile Jacket Material         OPNR           Clade Diameter (microns)         125           Core Diameter (microns)         62.5           Number of Fibers         2           Cabile Length (fin)         0.30           Cabile Length (fin)         12           Minimum Bend Radius         20 mm (Dynamic): 10 mm (Static)           Shipping Dimensions (hwd / mi)         9.00 mr. 7.00 x 0.50           Shipping Dimensions (hwd / mi)         9.00 x 7.00 x 0.50           Shipping Weight (fits)         0.03           Shipping Weight (fits)         0.03           Shipping Weight (fits)         0.03           Shipping Weight (fits)         0.03           Shipping Weight (fits)         0.04           Fiber Cable Length         0.04           Fiber Cable Length         4.01 40°F (20° to 60°C)           Storage Temperature Range         4° to 140°F (20° to 60°C)           Storage Temperature Range         4° to 140°F (20° to 60°C)           Storage Humidity Range         35% to 65% RH, Non-Condensing           Storage Humidity Range         35% to 65% RH, Non-Condensing           Arten		
Cable Jacket Material         LS2H           Cable Jacket Rating         OFNR           Clad Diameter (microns)         125           Core Diameter (microns)         62.5           Number of Fibers         2           Cable Length (m)         0.30           Cable Length (m)         1           Cable Length (m)         12           Minimum Bend Radius         20 mm (Dynamic): 10 mm (Static)           Shipping Dimensions (hwd / m)         22.86 x 17.78 x 1.27           Shipping Dimensions (hwd / cm)         22.86 x 17.78 x 1.27           Shipping Weight (kg)         0.03           Shipping Weight (kg)         0.01           Fiber Cable Length         0.3M (1 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 68% RH, Non-Condensing           COMMUNICATIONS         1           Network Compatability         1 Gbps (Gigabil); 10 Gbps           Antenuation (e. 850MM)         3.0 dB/km           Insertion Loss         0.20 dB           CONNECTIONS           Side A - Connector 1         LC DUPLEX (MALE) <t< td=""><td>Cable Jacket Color</td><td>Orange</td></t<>	Cable Jacket Color	Orange
Cable Jacket Rating         OFNR           Clad Diameter (microns)         125           Core Diameter (microns)         62.5           Number of Fibers         2           Cable Length (m)         0.30           Cable Length (m)         12           Minimum Bend Radius         20 mm (Dynamic); 10 mm (Static)           Shipping Dimensions (hwd / in.)         9.00 x 7.00 x 0.50           Shipping Dimensions (hwd / in.)         9.00 x 7.00 x 0.50           Shipping Weight (bs.)         0.03           Shipping Weight (kg.)         0.03           Shipping Temperature Range         -4° to 140°F (-20° to 60°C)           ENVIRONMENTAL           Operating Temperature Range         -4° to 140°F (-20° to 60°C)           Operating Humidity Range         5% to 65% RH, Non-Condensing           Storage Tumidity Range         5% to 65% RH, Non-Condensing           COMMUNICATIONS           Network Compatibility         1 Gbps (Gigabit); 10 Gbps           Attenuation @ 850MM         3.0 dB/km           Insertion Loss         0.20 dB           CONNECTIONS           Side A - Connector 1         LC DUPLEX (MALE)           Endiace Polish         PC           FEATURES & SPECIFICATIONS <td>Connector Color</td> <td>Gray</td>	Connector Color	Gray
Citad Diameter (microns)         125           Core Diameter (microns)         62.5           Number of Fibers         2           Cable Length (It)         1           Cable Length (in)         0.30           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.)         0.03           Shipping Weight (kg.)         0.01           Fiber Cable Length         0.3M (1t)           ENVIRONMENTAL           Coperating Temperature Range         4º to 140°F (-20° to 60°C)           Operating Temperature Range         4º to 140°F (-20° to 60°C)           Operating Humidity Range         5% to 85% RH, Non-Condensing           Storage Flumidity Range         5% to 85% RH, Non-Condensing           COMMUNICATIONS         1 Gbps (Gigabit): 10 Gbps           Attenuation @ 850NM         3.0 dB/km           Insertion Loss         0.20 dB           CONNECTIONS           Side A - Connector 1         LC DUPLEX (MALE)           Side B - Connector 1         LC DUPLEX (MALE)           Side B - Connector 1         LC DUPLEX (MALE)	Cable Jacket Material	LSZH
Core Diameter (microns)         62.5           Number of Fibers         2           Cable Length (ft.)         1           Cable Length (m)         0.30           Cable Length (in.)         12           Minimum Bend Radius         20 mm (Dynamic): 10 mm (Static)           Shipping Dimensions (hwd / in.)         9.00 x 7.00 x 0.50           Shipping Dimensions (hwd / in.)         9.00 x 7.00 x 0.50           Shipping Weight (bts.)         0.03           Shipping Weight (kg.)         0.01           Fiber Cable Length         0.3M (1 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           Jose (gigabit): 10 Gbps           Attenuation @ 850NM         3.0 dBk/m           Insertion Loss         0.20 dB           CONNECTIONS           Side A - Connector 1         LC DUPLEX (MALE)           Side B - Connector 1         LC DUPLEX (MALE)           Side B - Connector 1         LC DUPLEX (MALE)           Endicace Polish         PC	Cable Jacket Rating	OFNR
Number of Fibers         2           Cable Length (ft.)         1           Cable Length (m)         0.30           Cable Length (in.)         12           Minimum Bend Radius         20 mm (Dynamic); 10 mm (Static)           Shipping Dimensions (hwd / in.)         9.00 x 7.00 x 0.50           Shipping Dimensions (hwd / orn)         22 88 x 17.78 x 1.27           Shipping Weight (lbs.)         0.03           Shipping Weight (kg)         0.01           Fiber Cable Length         0.3M (1 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         1 Gbps (Gigabit); 10 Gbps           Attenuation @ 850NM         3.0 dB&m           Insertion Loss         0.20 dB           CONNECTIONS           Side A - Connector 1         LC DUPLEX (MALE)           Side B - Connector 1         LC DUPLEX (MALE)           Endiace Polish         PC           FEATURES & SPECIFICATIONS           Push/Pull Tabs         No <td>Clad Diameter (microns)</td> <td>125</td>	Clad Diameter (microns)	125
Cable Length (ft.)         1           Cable Length (m)         0.30           Cable Length (in.)         12           Minimum Bend Radius         20 mm (Dynamic); 10 mm (Static)           Shipping Dimensions (ftwd / in.)         9.00 x 7.00 x 0.50           Shipping Dimensions (ftwd / cm)         22.86 x 17.78 x 1.27           Shipping Weight (ftbs.)         0.03           Shipping Weight (kg)         0.01           ENVIRONMENTAL           Environmental           -4° to 140°F (-20° to 60°C)           Storage Temperature Range         -4° to 140°F (-20° to 60°C)           Operating Humidity Range         35% to 65% RH, Non-Condensing           COMMUNICATIONS           COMMUNICATIONS           Network Compatibility         1 Sbps (Gigabit): 10 Sbps           Attenuation @ 850NM         3.0 dB/km           Insertion Loss         0.20 dB           CONNECTIONS           Side A - Connector 1         LC DUPLEX (MALE)           Side B - Connector 1         LC DUPLEX (MALE)           Endface Polish         PC           FEATURES & SPECIFICATIONS           Push/Pull Tabs         No <td>Core Diameter (microns)</td> <td>62.5</td>	Core Diameter (microns)	62.5
Cable Length (m)         0.30           Cable Length (in.)         12           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 17.76 x 1.27           Shipping Weight (lbs.)         0.03           Shipping Weight (kg)         0.01           Fiber Cable Length         0.3M (1 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         35% to 85% RH, Non-Condensing           Storage Humidity Range           Storage Humidity Range         35% to 65% RH, Non-Condensing           COMMUNICATIONS           Network Compatibility         1 Sbps (Gigabit): 10 Sbps           Attenuation @ 850NM         3.0 dB/km           Insertion Loss         0.20 dB           COMNECTIONS           Side A - Connector 1         LC DUPLEX (MALE)           Side S - Connector 1         LC DUPLEX (MALE)           Endface Polish         PC           FEATURES & SPECIFICATIONS           Pust/Pull Tabs <t< td=""><td>Number of Fibers</td><td>2</td></t<>	Number of Fibers	2
Cable Length (in.)         12           Minimum Bend Radius         20 mm (Dynamic); 10 mm (Static)           Shipping Dimensions (hwd / cm)         22.86 x 17.78 x 1.27           Shipping Weight (lbs.)         0.03           Shipping Weight (kg)         0.01           Fiber Cable Length         0.3M (1 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           Very Compatibility         1 Gbps (Gigabit); 10 Gbps           Attenuation @ 850NM         3.0 dB/m           Insertion Loss         0.20 dB           CONNECTIONS           Side A - Connector 1         LC DUPLEX (MALE)           Side B - Connector 1         LC DUPLEX (MALE)           Endface Polish         PC           FEATURES & SPECIFICATIONS           Push/Pull Tabs         No           Breakout         No	Cable Length (ft.)	1
Minimum Band 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 (kg)         0.03           ENVIRONMENTAL           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           Attenuation @ 850NM         3.0 dBr/m           Insertion Loss         0.20 dB           CONNECTIONS           Side A - Connector 1         LC DUPLEX (MALE)           Endface Polish         PC           FEATURES & SPECIFICATIONS           Pust/Pull Tabs         No           Breakout         No	Cable Length (m)	0.30
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 (kg)         0.03           Shipping Weight (kg)         0.01           ENVIRONMENTAL           Operating 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           Attenuation @ 850NM         3.0 dB/km           Insertion Loss         0.20 dB           CONNECTIONS           Side A - Connector 1         LC DUPLEX (MALE)           Side B - Connector 1         LC DUPLEX (MALE)           Endface Polish         PC           FEATURES & SPECIFICATIONS           Push/Pull Tabs         No           Breakout         No	Cable Length (in.)	12
Shipping Dimensions (hwd / cm)         22.86 x 17.78 x 1.27           Shipping Weight (lbs.)         0.03           Shipping Weight (kg)         0.01           Fiber Cable Length         0.3M (1 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           Attenuation @ 850NM         3.0 dB/km           Insertion Loss         0.20 dB           CONNECTIONS           Side A - Connector 1         LC DUPLEX (MALE)           Side B - Connector 1         LC DUPLEX (MALE)           Endface Polish         PC           FEATURES & SPECIFICATIONS           Push/Pull Tabs         No           Breakout         No	Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Shipping Weight (lbs.)         0.03           Shipping Weight (kg)         0.01           Fiber Cable Length         0.3M (1 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           Attenuation @ 850NM         3.0 dB/km           Insertion Loss         0.20 dB           CONNECTIONS           Side A - Connector 1         LC DUPLEX (MALE)           Side B - Connector 1         LC DUPLEX (MALE)           Endface Polish         PC           FEATURES & SPECIFICATIONS           Push/Pull Tabs         No           Breakout         No	Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg)         0.01           Fiber Cable Length         0.3M (1 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           Attenuation @ 850NM         3.0 dB/km           Insertion Loss         0.20 dB           CONNECTIONS           Side A - Connector 1         LC DUPLEX (MALE)           Side B - Connector 1         LC DUPLEX (MALE)           Endface Polish         PC           FEATURES & SPECIFICATIONS           Breakout         No	Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27
Fiber Cable Length   0.3M (1 ft)	Shipping Weight (lbs.)	0.03
ENVIRONMENTAL  Operating Temperature Range	Shipping Weight (kg)	0.01
Operating Temperature Range	Fiber Cable Length	0.3M (1 ft)
Operating Temperature Range		
Storage Temperature Range	ENVIRONMENTAL	
Operating Humidity Range 5% to 85% RH, Non-Condensing  COMMUNICATIONS  Network Compatibility 1 Gbps (Gigabit); 10 Gbps  Attenuation @ 850NM 3.0 dB/km Insertion Loss 0.20 dB  CONNECTIONS  Side A - Connector 1 LC DUPLEX (MALE) Side B - Connector 1 LC DUPLEX (MALE)  Endface Polish PC  FEATURES & SPECIFICATIONS  Push/Pull Tabs No Breakout No	Operating Temperature Range	-4° to 140°F (-20° to 60°C)
Storage Humidity Range 35% to 65% RH, Non-Condensing  COMMUNICATIONS  Network Compatibility 1 Gbps (Gigabit); 10 Gbps  Attenuation @ 850NM 3.0 dB/km  Insertion Loss 0.20 dB  CONNECTIONS  Side A - Connector 1 LC DUPLEX (MALE) Side B - Connector 1 LC DUPLEX (MALE) Endface Polish PC  FEATURES & SPECIFICATIONS  Push/Pull Tabs No Breakout No	Storage Temperature Range	-4° to 140°F (-20° to 60°C)
COMMUNICATIONS  Network Compatibility 1 Gbps (Gigabit); 10 Gbps Attenuation @ 850NM 3.0 dB/km Insertion Loss 0.20 dB  CONNECTIONS  Side A - Connector 1 LC DUPLEX (MALE) Side B - Connector 1 LC DUPLEX (MALE) Endface Polish PC  FEATURES & SPECIFICATIONS  Push/Pull Tabs No Breakout No	Operating Humidity Range	5% to 85% RH, Non-Condensing
Network Compatibility 1 Gbps (Gigabit); 10 Gbps Attenuation @ 850NM 3.0 dB/km Insertion Loss 0.20 dB  CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE) Side B - Connector 1 LC DUPLEX (MALE) Endface Polish PC  FEATURES & SPECIFICATIONS Push/Pull Tabs No Breakout No	Storage Humidity Range	35% to 65% RH, Non-Condensing
Attenuation @ 850NM 3.0 dB/km  Insertion Loss 0.20 dB  CONNECTIONS  Side A - Connector 1 LC DUPLEX (MALE)  Side B - Connector 1 LC DUPLEX (MALE)  Endface Polish PC  FEATURES & SPECIFICATIONS  Push/Pull Tabs No  Breakout No	COMMUNICATIONS	
Insertion Loss	Network Compatibility	1 Gbps (Gigabit); 10 Gbps
CONNECTIONS  Side A - Connector 1	Attenuation @ 850NM	3.0 dB/km
Side A - Connector 1 LC DUPLEX (MALE)  Side B - Connector 1 LC DUPLEX (MALE)  Endface Polish PC  FEATURES & SPECIFICATIONS  Push/Pull Tabs No  Breakout No	Insertion Loss	0.20 dB
Side A - Connector 1 LC DUPLEX (MALE)  Side B - Connector 1 LC DUPLEX (MALE)  Endface Polish PC  FEATURES & SPECIFICATIONS  Push/Pull Tabs No  Breakout No	CONNECTIONS	
Side B - Connector 1 LC DUPLEX (MALE)  Endface Polish PC  FEATURES & SPECIFICATIONS  Push/Pull Tabs No  Breakout No		LC DUPLEX (MALE)
FEATURES & SPECIFICATIONS  Push/Pull Tabs  No  Breakout  No		
FEATURES & SPECIFICATIONS  Push/Pull Tabs  No  Breakout  No		
Push/Pull Tabs No No No		
Breakout No	FEATURES & SPECIFICATIONS	
	Push/Pull Tabs	No
Trunk No	Breakout	No
	Trunk	No



STANDARDS & COMPLIANCE			
Product Compliance	RoHS; REACH		
WARRANTY & SUPPORT			
Product Warranty Period (Worldwide)	Lifetime limited warranty		



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