

# Duplex Multimode 62.5/125 Fiber Patch Cable (SC/ST), 3M (10 ft.)

MODEL NUMBER: N304-010



### **Highlights**

- Premium PVC 62.5/125µm multimode patch cables
- Attenuation loss meets or exceeds the latest industry standards

## **System Requirements**

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

# **Package Includes**

 10-ft. (3.05 m) duplex MMF cable ST/SC 62.5/125 fiber

# Description

This multimode duplex fiber optic SC/ST Ethernet cable is manufactured from 62.5/125 zipcord fiber. The cable has ST to SC connectors, a PVC jacket and is FDDI and OFNR rated. Duplex multimode fiber is most commonly used in LAN applications.

#### **Features**

- Manufactured from 62.5/125 duplex (zipcord) fiber
- PVC jacket
- Length: 10-ft. (3.05 m) Connectors: 2 ST to 2 SC connectors
- 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)
- · Color coded shrouds identify transmit and receive
- Duplex multimode fiber is most commonly used in LAN applications where links are typically 10-ft. (3.05 m) or less
- Fiber optic distributed data interface (FDDI) rated
- OFNR (riser rated)

# **Specifications**

OVERVIEW	
UPC Code	037332013262
Technology	Multimode
Optical Mode	OM1



Cable Jacket Color		
Connector Color White, Black Cable Jacket Material LSZH Cable Jacket Material LSZH Cable Jacket Rating OFNR Clad Diameter (microns) 125 Core Diameter (microns) 62.5 Number of Fibers 2 Cable Length (m) 9.8 Cable Length (m) 2.99 Cable Length (m) 120 Minimum Bend Radius 20 mm (Dynamic); 10 mm (Static) Shipping Dimensions (tred / in.) 0.10 x 6.20 x 6.60 Shipping Dimensions (tred / in.) 0.25 x 15.75 x 16.76 Shipping Weight (tbs.) 0.10 Shipping Weight (tbs.) 0.05 Shipping Weight (tag.) 0.05 Shipping Weight (tag.) 0.05 Shipping Weight (tag.) 0.05 Silver Cable Length 3M (9.8 ft)  ENVIRONMENTAL Operating Temperature Range 4* to 140°F (-20° to 60°C) Operating Temperature Range 5% to 85% RH, Non-Condensing Storage Humidity Range 35% to 65% RH, Non-Condensing COMMUNICATIONS Network Compatibility 1 Cbps (Gigabit); 10 Gbps Attenuation @ 850NM 3.0 dB/km Insertion Loss 0.20 dB  CONNECTIONS Side B - Connector 1 SC DUPLEX (MALE) Endiace Polish PC FEATURES & SPECIFICATIONS	PHYSICAL	
Cable Jacket Material         LSZH           Cable Jacket Rating         OFNR           Clad Diameter (microns)         125           Core Diameter (microns)         62.5           Number of Fibers         2           Cable Length (fit)         9.8           Cable Length (m)         2.99           Cable Length (in.)         120           Minimum Bend Radius         20 mm (Dynamic); 10 mm (Statis)           Shipping Dimensions (htmd / in.)         0.10 x 6.20 x 6.60           Shipping Weight (fits)         0.10           Shipping Weight (fits)         0.10           Shipping Weight (fits)         0.10           Shipping Weight (fits)         0.05           Fiber Cable Length         3M (9.8 lt)           Environmental           Operating Temperature Range           4" to 140°F (-20" to 60°C)           Cerating 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/km           Insertion Loss         0.20 dB           Connector 1         SC DUPLEX (MALE)           Side 8 - Connector 1 <td< td=""><td>Cable Jacket Color</td><td>Orange</td></td<>	Cable Jacket Color	Orange
Cable Jacket Rating OFNR Clad Diameter (microns) 125 Core Diameter (microns) 62.5 Number of Fibers 2 Cable Length (ft.) 9.8 Cable Length (fm.) 120 Minimum Band Radius 20 mm (Dynamic); 10 mm (Static) Shipping Dimensions (ftwd / in.) 0.10 x 6.20 x 6.60 Shipping Dimensions (ftwd / in.) 0.25 x 15.75 x 16.76 Shipping Dimensions (ftwd / cm) 0.25 x 15.75 x 16.76 Shipping Weight (fts.) 0.10 Shipping Weight (fts.) 0.05 Shipping Weight (ftg.) 0.05 Shipping Weight (ftg.) 0.05 Shipping Weight (ftg.) 0.05 Shipping Weight (ftg.) 0.05 Storage Temperature Range 4* to 140°F (-20° to 60°C) Storage Temperature Range 35% to 65% RH, Non-Condensing 5torage Humidity Range 55% to 85% RH, Non-Condensing 5torage Humidity Range 35% to 65% RH, Non-Condensing 5torage Humidity Range 5.00 dB COMMUNICATIONS Network Compatibility 1 Gbps (Gigabit); 10 Gbps Attenuation @ 560NM 3.0 dB/km Insertion Loss 0.20 dB CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE) Endface Polish PC FEATURES & SPECIFICATIONS	Connector Color	White; Black
Claid Diameter (microns)   125	Cable Jacket Material	LSZH
Core   Diameter (microns)   62.5	Cable Jacket Rating	OFNR
Number of Fibers         2           Cable Length (ft.)         9.8           Cable Length (in.)         120           Minimum Bend Radius         20 mm (Dynamic); 10 mm (Static)           Shipping Dimensions (twd / in.)         0.10 x 6.20 x 6.60           Shipping Dimensions (twd / cm)         0.25 x 15.75 x 16.76           Shipping Weight (kg)         0.10           Shipping Weight (kg)         0.05           Fiber Cable Length         3M (9.8 ft)           ENVIRONMENTAL           Coperating 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 65% RH, Non-Condensing           Storage Humidity Range           Storage Humidity Range         35% to 65% RH, Non-Condensing           COMMUNICATIONS           Notwork Compatibility         1 Gbps (Gigabit); 10 Gbps           Attenuation @ 850NM         3.0 dB/km           Insertion Loss         0.20 dB           CONNECTIONS           Side A - Connector 1         SC DUPLEX (MALE)           Endface Polish         PC	Clad Diameter (microns)	125
Cable Length (ft.) 9.8 Cable Length (m) 2.99 Cable Length (in.) 120 Minimum Bend Radius 20 mm (Dynamic); 10 mm (Static) Shipping Dimensions (hwd / in.) 0.10 x 6.20 x 6.60 Shipping Dimensions (hwd / cm) 0.25 x 15.75 x 16.76 Shipping Weight (lbs.) 0.10 Shipping Weight (kg) 0.05 Fiber Cable Length 3M (9.8 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 SC DUPLEX (MALE) Endface Polish PC  FEATURES & SPECIFICATIONS	Core Diameter (microns)	62.5
Cable Length (m)         2.99           Cable Length (in.)         120           Minimum Bend Radius         20 mm (Dynamic): 10 mm (Static)           Shipping Dimensions (hwd / in.)         0.10 x 6.20 x 6.60           Shipping Dimensions (hwd / cm)         0.25 x 15.75 x 16.76           Shipping Weight (lbs.)         0.10           Shipping Weight (kg)         0.05           Fiber Cable Length         3M (8.8 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           COMMUNICATIONS           Network Compatibility         1 Gbps (Gigabit); 10 Gbps           Attenuation @ 850NM         3.0 dB/km           Insertion Loss           CONNECTIONS           Side A - Connector 1         SC DUPLEX (MALE)           Side B - Connector 1         ST DUPLEX (MALE)           Endface Polish         PC	Number of Fibers	2
Cable Length (in.)         120           Minimum Bend Radius         20 mm (Dynamic); 10 mm (Static)           Shipping Dimensions (hwd / in.)         0.10 x 6.20 x 6.60           Shipping Dimensions (hwd / cm)         0.25 x 15.75 x 16.76           Shipping Weight (lbs.)         0.10           Shipping Weight (kg)         0.05           Fiber Cable Length         3M (9.8 lt)           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         35% to 65% RH, Non-Condensing           COMMUNICATIONS           Network Compatibility         1 Gbps (Gigabit); 10 Gbps           Attenuation @ 850NM         3.0 dB/km           Insertion Loss           CONNECTIONS           Side A - Connector 1         SC DUPLEX (MALE)           Side B - Connector 1         ST DUPLEX (MALE)           Endface Polish         PC	Cable Length (ft.)	9.8
Minimum Bend Radius 20 mm (Dynamic); 10 mm (Static)  Shipping Dimensions (hwd / rin.) 0.10 x 6.20 x 6.60  Shipping Dimensions (hwd / cm) 0.25 x 15.75 x 16.76  Shipping Weight (lbs.) 0.10  Shipping Weight (kg) 0.05  Fiber Cable Length 3M (9.8 ft)  ENVIRONMENTAL  Operating Temperature Range 4° to 140°F (-20° to 60°C)  Storage Temperature 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 SC DUPLEX (MALE)  Side B - Connector 1 ST DUPLEX (MALE)  Endface Polish PC  FEATURES & SPECIFICATIONS	Cable Length (m)	2.99
Shipping Dimensions (hwd / in.)  Shipping Dimensions (hwd / cm)  O.25 x 15.75 x 16.76  Shipping Weight (lbs.)  O.10  Shipping Weight (kg)  O.05  Fiber Cable Length  M (9.8 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  Storage Humidity Range  Storage Humidity Range  Storage Humidity Range  COMMUNICATIONS  Network Compatibility  1 Gbps (Gigabit); 10 Gbps  Attenuation @ 850NM  3.0 dB/km  Insertion Loss  O.20 dB  CONNECTIONS  Side A - Connector 1  SC DUPLEX (MALE)  Side B - Connector 1  ST DUPLEX (MALE)  Endface Polish  PC  FEATURES & SPECIFICATIONS	Cable Length (in.)	120
Shipping Dimensions (hwd / cm)  0.25 x 15.75 x 16.76  Shipping Weight (lbs.)  0.05  Fiber Cable Length  3M (9.8 ft)  ENVIRONMENTAL  Operating Temperature Range  -4° to 140°F (-20° to 60°C)  Storage Temperature Range  5% to 85% RH, Non-Condensing  Storage 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  SC DUPLEX (MALE)  Endface Polish  PC  FEATURES & SPECIFICATIONS	Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Shipping Weight (kg)  O.05  Fiber Cable Length  3M (9.8 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  S% to 85% RH, Non-Condensing  Storage Humidity Range  35% to 65% RH, Non-Condensing  COMMUNICATIONS  Network Compatibility  1 Gbps (Gigabit); 10 Gbps  Attenuation @ 850NM  1.0 dB/km  Insertion Loss  0.20 dB  CONNECTIONS  Side A - Connector 1  SC DUPLEX (MALE)  Side B - Connector 1  ST DUPLEX (MALE)  FEATURES & SPECIFICATIONS	Shipping Dimensions (hwd / in.)	0.10 x 6.20 x 6.60
Shipping Weight (kg) 0.05  Fiber Cable Length 3M (9.8 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 SC DUPLEX (MALE)  Side B - Connector 1 ST DUPLEX (MALE)  Endface Polish PC  FEATURES & SPECIFICATIONS	Shipping Dimensions (hwd / cm)	0.25 x 15.75 x 16.76
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ENVIRONMENTAL  Operating Temperature Range	Shipping Weight (kg)	0.05
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  SC DUPLEX (MALE)  Side B - Connector 1  ST DUPLEX (MALE)  Endface Polish  PC	Fiber Cable Length	3M (9.8 ft)
Storage Temperature Range	ENVIRONMENTAL	
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 SC DUPLEX (MALE)  Side B - Connector 1 ST DUPLEX (MALE)  Endface Polish PC  FEATURES & SPECIFICATIONS	Operating Temperature Range	-4° to 140°F (-20° to 60°C)
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Insertion Loss	Network Compatibility	1 Gbps (Gigabit); 10 Gbps
CONNECTIONS  Side A - Connector 1 SC DUPLEX (MALE)  Side B - Connector 1 ST DUPLEX (MALE)  Endface Polish PC  FEATURES & SPECIFICATIONS	Attenuation @ 850NM	3.0 dB/km
Side A - Connector 1 SC DUPLEX (MALE)  Side B - Connector 1 ST DUPLEX (MALE)  Endface Polish PC  FEATURES & SPECIFICATIONS	Insertion Loss	0.20 dB
Side B - Connector 1 ST DUPLEX (MALE)  Endface Polish PC  FEATURES & SPECIFICATIONS	CONNECTIONS	
Endface Polish PC  FEATURES & SPECIFICATIONS	Side A - Connector 1	SC DUPLEX (MALE)
FEATURES & SPECIFICATIONS	Side B - Connector 1	ST DUPLEX (MALE)
	Endface Polish	PC
Push/Pull Tabs No	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	



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