

Duplex Multimode 50/125 Fiber Patch Cable (SC/SC), 10M (33 ft.)

MODEL NUMBER: N506-10M



Features

- Constructed with 50/125 micron cable
- Length 10M
- Use on fiber and fibre channel installations
- SC 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
- 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

Highlights

- Premium PVC 50/125 multimode patch cables
- 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

System Requirements

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

Package Includes

• 10M Duplex MMF Cable SC/SC 50/125 Fiber



DPC Code		
Bandwidth @ 1300NM 500 MHz-km minimum	OVERVIEW	
Secondary Coating Material ACRYLATE	UPC Code	037332116956
Numerical Aperture 2.75 NOMINAL	Bandwidth @ 1300NM	600 MHz-km minimum
Primary Coating Material ACRYLATE Proof Test Level 100,000 PSI Secondary Coating Material PVC Technology Multimode Optical Mode OM2 PHYSICAL Cable Jacket Color Orange Connector Color Beige Cable Jacket Material LSZH Cable Jacket Rating OFNR Clad Diameter (microns) 125 Core Diameter (microns) 50 Primary Coating Diameter (microns) 245 Secondary Coating Diameter (microns) 900 Number of Fibers 2 Cable Length (ft) 32.8 Cable Length (m) 10.00 Cable Length (m) 393.7 Minimum Bend Radius 20 mm (Dynamic): 10 mm (Static) Shipping Dimensions (mvd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (mvd / om) 22.86 x 17.78 x 1.27 Shipping Weight (ibs.) 0.30 Shipping Weight (kg) 0.14 Filter Cable Length 10M (32.8 ft) ENVIRONMENTAL 24" to 140°F (-20°	Bandwidth @ 850NM	220 MHz-km minimum
Proof Test Level 100,000 PSI Secondary Coating Material PVC Technology Multimode ODE OPTION OF TECHNOLOGY MULTIMODE OPTION OF TECHNOLOGY MULTIMODE OPTION OF TECHNOLOGY MULTIMODE OPTION OF TECHNOLOGY OPTION OPTION OF TECHNOLOGY OPTION OF TECHNOLOGY OPTION	Numerical Aperture	.275 NOMINAL
PVC	Primary Coating Material	ACRYLATE
Multimode	Proof Test Level	100,000 PSI
Optical Mode OM2 PHYSICAL Cable Jacket Color Orange Connector Color Beige Cable Jacket Material LSZH Cable Jacket Rating OFNR Cable Jacket Rating OFNR Care Diameter (microns) 125 Core Diameter (microns) 50 Primary Coating Diameter (microns) 245 Secondary Coating Diameter (microns) 2900 Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10.00 Cable Length (m) 393.7 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 (fbs.) 0.30 Shipping Weight (gk) 0.14 Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL 4° to 140°F (-20° to 60°C) Storage Temperature Range 4° to 140°F (-20° to 60°C)	Secondary Coating Material	PVC
Physical Cable Jacket Color Orange	Technology	Multimode
Cable Jacket Color Orange Connector Color Beige Cable Jacket Material LSZH Cable Jacket Rating OFNR Clad Diameter (microns) 125 Core Diameter (microns) 50 Primary Coating Diameter (microns) 245 Secondary Coating Diameter (microns) 900 Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10.00 Cable Length (m) 393.7 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) 22.86 x 17.78 x 1.27 Shipping Weight (fts.) 0.30 Shipping Weight (kg) 0.14 Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL 4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Optical Mode	OM2
Connector Color Beige Cable Jacket Material LSZH Cable Jacket Rating OFNR Clad Diameter (microns) 125 Core Diameter (microns) 50 Primary Coating Diameter (microns) 245 Secondary Coating Diameter (microns) 900 Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10.00 Cable Length (in.) 393.7 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 (ftys.) 0.30 Shipping Weight (kg) 0.14 Filer Cable Length 10M (32.8 ft) ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	PHYSICAL	
Cable Jacket Material LSZH Cable Jacket Rating OFNR Clad Diameter (microns) 125 Core Diameter (microns) 50 Primary Coating Diameter (microns) 245 Secondary Coating Diameter (microns) 900 Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10.00 Cable Length (m.) 393.7 Minimum Bend Radius 20 mm (Dynamic); 10 mm (Static) Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Dimensions (hwd / om) 22.86 x 17.78 x 1.27 Shipping Weight (fbs.) 0.30 Shipping Weight (kg) 0.14 Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Cable Jacket Color	Orange
Cable Jacket Rating OFNR Clad Diameter (microns) 125 Core Diameter (microns) 50 Primary Coating Diameter (microns) 245 Secondary Coating Diameter (microns) 900 Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10.00 Cable Length (in.) 393.7 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.) 0.30 Shipping Weight (kg) 0.14 Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Connector Color	Beige
Clad Diameter (microns) 125	Cable Jacket Material	LSZH
Core Diameter (microns) 50	Cable Jacket Rating	OFNR
Primary Coating Diameter (microns) Secondary Coating Diameter (microns) Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10.00 Cable Length (in.) 393.7 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.) 0.30 Shipping Weight (kg) 0.14 Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Clad Diameter (microns)	125
Secondary Coating Diameter 900	Core Diameter (microns)	50
Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10.00 Cable Length (in.) 393.7 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.) 0.30 Shipping Weight (kg) 0.14 Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Primary Coating Diameter (microns)	245
Cable Length (ft.) 32.8 Cable Length (m) 10.00 Cable Length (in.) 393.7 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.) 0.30 Shipping Weight (kg) 0.14 Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Secondary Coating Diameter (microns)	900
Cable Length (m) 10.00 Cable Length (in.) 393.7 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.) 0.30 Shipping Weight (kg) 0.14 Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Number of Fibers	2
Cable Length (in.) 393.7 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.) 0.30 Shipping Weight (kg) 0.14 Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Cable Length (ft.)	32.8
Minimum Bend Radius 20 mm (Dynamic); 10 mm (Static) 9.00 x 7.00 x 0.50 9.00 x 7.00 x 0.50	Cable Length (m)	10.00
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.) 0.30 Shipping Weight (kg) 0.14 Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Cable Length (in.)	393.7
Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (lbs.) 0.30 Shipping Weight (kg) 0.14 Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Shipping Weight (lbs.) Shipping Weight (kg) 0.14 Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg) 0.14 Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27
Fiber Cable Length 10M (32.8 ft) ENVIRONMENTAL Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Shipping Weight (lbs.)	0.30
ENVIRONMENTAL Operating Temperature Range	Shipping Weight (kg)	0.14
Operating Temperature Range -4° to 140°F (-20° to 60°C) Storage Temperature Range -4° to 140°F (-20° to 60°C)	Fiber Cable Length	10M (32.8 ft)
Storage 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 85% RH, Non-Condensing	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	SC DUPLEX (MALE)	
Endface Polish	PC	
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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