

Tripp Lite
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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

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



Specifications

### DPC Code 037332116966 ### Bandwidth @ 1300NM 600 MHZ-KM MINIMUM ### Bandwidth @ 850NM 220 MHZ-KM MINIMUM ### Bandwidth @ 850NM 225 MHZ-KM MINIMUM ### Numerical Aperture 275 NOMINAL ### Primary Coating Diameter 245 +/ 15 MICRONS ### Primary Coating Diameter 00,000 PSI ### Secondary Coating Diameter 900 +/- 50 MICRONS ### Secondary Coating Material PVC ### Technology Multimade ### Optional Mode OM2 ### PHYSICAL ### Color Orange ### Clad Diameter 125 micron ### Core Diameter 50 micron ### Number of Fibers 2 ### Cable Length (fit) 32.8 ### Cable Length (in) 393.7 ### Shipping Dimensions (htm / cm) 22.86 x 17.78 x 1.27 ### Shipping Dimensions (htm / cm) 9.00 x 7.00 x 0.50 ### Shipping Weight (lbs.) 0.30 ### COMMUNICATIONS ### Network Speed 16 bps ### Alteruation @ 1310NM 1.0 DB/KM MAXIMUM ### Alteruation @ 150NME 1.0 DB/KM MAXIMUM ### Alteruation @ 550NME 5.0 DUPLEX (MALE)	-		
Bandwidth @ 1300NM 600 MHZ-KM MINIMUM Bandwidth @ 850NM 220 MHZ-KM MINIMUM Numerical Aperture 275 NOMINAL Primary Coating Diameter 245 + 7.15 MICRONS Primary Coating Diameter 245 + 7.15 MICRONS Primary Coating Diameter 100,000 PSI Secondary Coating Diameter 900 + 5.50 MICRONS Secondary Coating Material PVC Technology Multimode Optical Mode 0M2 PHYSICAL Color Orange Clad Diameter 125 micron Core Diameter 50 micron Number of Fibers 2 Cable Length (ft) 32.8 Cable Length (ft) 393.7 Shipping Dimensions (ftwd / cm) 22.86 x 17.78 x 1.27 Shipping Dimensions (ftwd / cm) 9.00 x 7.00 x 0.50 Shipping Weight (fts) 0.30 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DBr/KM MAXIMUM Attenuation @ 850NM 3.5 DBr/KM MAXIMUM	OVERVIEW		
Bandwidth @ 850NM 220 MHZ-KM MINIMUM Numerical Aperture 275 NOMINAL Primary Coating Diameter 245 +/- 15 MICRONS Primary Coating Material ACRYLATE Proof Test Level 100,000 PSI Secondary Coating Material 90 +/- 50 MICRONS Secondary Coating Material PVC Technology Multimode Optical Mode 0M2 PHYSICAL Color Orange Cidad Diameter 125 micron Core Diameter 50 micron Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10 Cable Length (m) 393.7 Shipping Dimensions (hwd / cm) 22.88 x 17.78 x 1.27 Shipping Weight (kg) 0.14 Shipping Weight (kg) 0.14 Shipping Weight (bs.) 0.30 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 250NM 3.5 DB/KM MAXIMUM	UPC Code	037332116956	
Numerical Aperture 275 NOMINAL Primary Coating Diameter 245 +/ 15 MICRONS Primary Coating Material ACRYLATE Proof Test Level 100,000 PSI Secondary Coating Diameter 900 +/- 50 MICRONS Secondary Coating Material PVC Technology Multimode Optical Mode 00f2 PHYSICAL Color Orange Clad Diameter 125 micron Core Diameter 50 micron Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10 Cable Length (m) 10 Cable Length (m) 22.86 x 17.78 x 1.27 Shipping Dimensions (ftwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (kg) 0.14 Shipping Weight (bs.) 0.30 COMMUNICATIONS 1Gbps Network Speed 1Gbps Attenuation @ 1310NM 1.0 DEJKM MAXIMUM Attenuation @ 350NM 3.5 DBKM MAXIMUM	Bandwidth @ 1300NM	600 MHZ-KM MINIMUM	
Primary Coating Diameter 245 +/- 15 MICRONS Primary Coating Material ACRYLATE Proof Test Level 100,000 PSI Secondary Coating Diameter 900 +/- 50 MICRONS Secondary Coating Material PVC Technology Multimode Optical Mode OM2 PHYSICAL Color Orange Clad Diameter 125 micron Core Diameter 50 micron Number of Fibers 2 Cable Length (fit) 32.8 Cable Length (in) 10 Cable Length (in.) 393.7 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (kg) 0.14 Shipping Weight (bs.) 0.30 COMMUNICATIONS Network Speed 1 Gbps Attenuation @ 850NM 3.5 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM	Bandwidth @ 850NM	220 MHZ-KM MINIMUM	
Primary Coating Material ACRYLATE Proof Test Level 100,000 PSI Secondary Coating Diameter 900 +/- 50 MICRONS Secondary Coating Material PVC Technology Multimode Optical Mode OM2 PHYSICAL Color Orange Clad Diameter 125 micron Core Diameter 50 micron Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10 Cable Length (m) 393.7 Shipping Dimensions (hwd / cm) 2.8.6 x 17.78 x 1.27 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (kg) 0.14 Shipping Weight (bs.) 0.30 COMMUNICATIONS COMMUNICATIONS Network Speed 1 Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 1850NM 3.5 DB/KM MAXIMUM CONNECTIONS	Numerical Aperture	.275 NOMINAL	
Proof Test Level 10,000 PSI Secondary Coating Diameter 90 + /- 50 MICRONS Secondary Coating Material PVC Technology Multimode Optical Mode 0M2 PHYSICAL Color Orange Clad Diameter 55 micron Core Diameter 5 micron Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (in.) 393.7 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (kg) 0.14 Shipping Weight (kbs.) 0.30 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Primary Coating Diameter	245 +/- 15 MICRONS	
Secondary Coating Diameter 900 +/- 50 MICRONS Secondary Coating Material PVC Technology Multimode Optical Mode OM2 PHYSICAL Color Orange Clad Diameter 125 micron Core Diameter 50 micron Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10 Cable Length (in.) 393.7 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Weight (kg) 0.14 Shipping Weight (kg) 0.14 Shipping Weight (lbs.) 0.30 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Primary Coating Material	ACRYLATE	
Secondary Coating Material PVC Technology Multimode Optical Mode OM2 PHYSICAL Color Orange Clad Diameter 125 micron Core Diameter 50 micron Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10 Cable Length (m) 393.7 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (kg) 0.14 Shipping Weight (bis.) 0.30 COMMUNICATIONS Network Speed 1 Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 1310NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Proof Test Level	100,000 PSI	
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Optical Mode OM2 PHYSICAL Color Orange Clad Diameter 125 micron Core Diameter 50 micron Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10 Cable Length (in.) 393.7 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (kg) 0.14 Shipping Weight (lbs.) 0.30 COMMUNICATIONS Network Speed 1 Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Secondary Coating Material	PVC	
### PHYSICAL Color	Technology	Multimode	
Color Orange Clad Diameter 125 micron Core Diameter 50 micron Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10 Cable Length (in.) 393.7 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (kg) 0.14 Shipping Weight (lbs.) 0.30 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Optical Mode	OM2	
Clad Diameter 125 micron Core Diameter 50 micron Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10 Cable Length (in.) 393.7 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (kg) 0.14 Shipping Weight (lbs.) 0.30 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	PHYSICAL		
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Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (m) 10 Cable Length (in.) 393.7 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (kg) 0.14 Shipping Weight (lbs.) 0.30 COMMUNICATIONS Network Speed I Gbps Attenuation @ 1310NM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Clad Diameter	125 micron	
Cable Length (ft.) 32.8 Cable Length (m) 10 Cable Length (in.) 393.7 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (kg) 0.14 Shipping Weight (lbs.) 0.30 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Core Diameter	50 micron	
Cable Length (m) 10 Cable Length (in.) 393.7 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (kg) 0.14 Shipping Weight (lbs.) 0.30 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Number of Fibers	2	
Cable Length (in.) 393.7 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.27 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (kg) 0.14 Shipping Weight (lbs.) 0.30 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Cable Length (ft.)	32.8	
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Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.50 Shipping Weight (kg) 0.14 Shipping Weight (lbs.) 0.30 COMMUNICATIONS Network Speed Attenuation @ 1310NM Attenuation @ 1310NM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Cable Length (in.)	393.7	
Shipping Weight (kg) 0.14 Shipping Weight (lbs.) 0.30 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27	
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COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Shipping Weight (kg)	0.14	
Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Shipping Weight (lbs.)	0.30	
Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	COMMUNICATIONS		
Attenuation @ 1310NM 1.0 DB/KM MAXIMUM Attenuation @ 850NM 3.5 DB/KM MAXIMUM CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Network Speed	1Gbps	
CONNECTIONS Side A - Connector 1 SC DUPLEX (MALE)	Attenuation @ 1310NM	1.0 DB/KM MAXIMUM	
Side A - Connector 1 SC DUPLEX (MALE)	Attenuation @ 850NM	3.5 DB/KM MAXIMUM	
	CONNECTIONS	CONNECTIONS	
	Side A - Connector 1	SC DUPLEX (MALE)	
Side A - Connector 2 SC DUPLEX (MALE)	Side A - Connector 2	SC DUPLEX (MALE)	



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Side B - Connector 1	SC DUPLEX (MALE)	
SPECIAL FEATURES		
Push/Pull Tabs	No	
STANDARDS & COMPLIANCE		
Approvals	FDDI and OFNR rated	
WARRANTY		
Product Warranty Period (Worldwide)	Lifetime limited warranty	

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