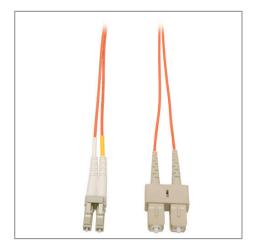


Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

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

MODEL NUMBER: N516-10M



Features

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

Package Includes

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



Specifications

### DPC Code G37332116963 ### Bandwidth @ 1300NM 600 MHZ-KM minimum ### Bandwidth @ 150NM 220 MHZ-KM minimum ### Sandwidth @ 150NM 220 MHZ-KM minimum ### Numerical Aperture 275 nominal ### Primary Coating Diameter 245 +/- 15 microns ### Primary Coating Diameter Acrylate ### Proof Test Level 100,000 PSI ### Secondary Coating Diameter 900 +/- 50 microns ### Secondary Coating Material PVC ### Technology Multimode ### Optical Mode OM2 ### Optical Mode OM2 ### Prival Cable Jacket Color Orange ### Cable Jacket Color Orange ### Cable Jacket Color 25 micron ### Cable Jacket Color 50 micron ### Number of Fibers 2 ### Cable Length (m.) 32.8 ### Cable Length (m.) 39.3.7 ### Shipping Dimensions (twd / cm) 22.86 × 17.78 × 1.90 ### Shipping Dimensions (twd / cm) 20.00 × 7.00 × 0.75 ### Shipping Weight (kg) 0.06 ### Shipping Weight (kg) 0.06 ### Shipping Weight (kg) 0.06 ### Shipping Weight (bs.) 0.13 ### Communications ### Notwork Speed 1Gbps ### Attenuation @ 1310NM 1.0 DB/KM maximum ### Attenuation @ 1310NM 3.5 DB/KM maximum ### Attenuation @ 1310NM 3.5 DB/KM maximum #### Connector 1 LC DUPLEX (MALE)		
Bandwidth @ 1300NM 600 MHZ-KM minimum Bandwidth @ 850NM 220 MHZ-KM minimum Numerical Aperture 275 nominal Primary Coating Diameter 245 ±/- 15 microns Primary Coating Diameter 245 ±/- 15 microns Proof Test Level 100,000 PSI Secondary Coating Diameter 900 ±/- 50 microns Secondary Coating Material PVC Technology Multimode Optical Mode OM2 PHYSICAL Gable Jacket Color Orange Clad Diameter 125 micron Core Diameter 50 micron Number of Fibers 2 Cable Length (m) 10 Cable Length (m) 10 Cable Length (m) 393.7 Shipping Dimensions (rwd / cm) 22.86 x 17.78 x 1.90 Shipping Weight (kg) 0.06 Shipping Weight (bs.) 0.13 COMMUNICATIONS Network Speed 16bps Attenuation @ 850NM 3.5 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum	OVERVIEW	
Bandwidth @ 850NM 220 MHZ-KM minimum Numerical Aperture 275 nominal Primary Coating Diameter 245 4/- 15 microns Primary Coating Material Acrylate Proof Test Level 100,000 PSI Secondary Coating Diameter 900 4/-50 microns Secondary Coating Material PVC Technology Multimode Optical Mode 0M2 PHYSICAL Cable Jacket 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) 333.7 Shipping Dimensions (hwd / cm) 2.2.86 x 17.78 x 1.90 Shipping Weight (kg) 0.06 Shipping Weight (kg) 0.06 Shipping Weight (bs.) 0.13 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS	UPC Code	037332116963
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 OM2 PHYSICAL Cable Jacket 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) 10 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.90 Shipping Weight (kg) 0.06 Shipping Weight (kg) 0.06 Shipping Weight (bs.) 0.13 COMMUNICATIONS 1.0 DB/KM maximum Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum	Bandwidth @ 1300NM	600 MHZ-KM minimum
Primary Coating Diameter 245 4/- 15 microns Primary Coating Material Acrylate Proof Test Level 100,000 PSI Secondary Coating Diameter 900 4/- 50 microns Secondary Coating Material PVC Technology Multimode Optical Mode OM2 PHYSIGAL Cable Jacket Color Orange Clad Diameter 125 micron Core Diameter 50 micron Number of Fibers 2 Cable Length (fit) 32.8 Cable Length (m) 10 Cable Length (m) 393.7 Shipping Dimensions (ftwd / cm) 22.86 x 17.78 x 1.90 Shipping Dimensions (ftwd / cm) 20.05 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed 1 Gbps Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	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 Cable Jacket 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 1.90 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (bs.) 0.13 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Numerical Aperture	.275 nominal
Proof Test Level 100,000 PSI Secondary Coating Diameter 900 +/- 50 microns Secondary Coating Material PVC Technology Multimode Optical Mode	Primary Coating Diameter	245 +/- 15 microns
Secondary Coating Diameter 900 +/- 50 microns Secondary Coating Material PVC Technology Multimode Optical Mode OM2 PHYSICAL Cable Jacket 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 1.90 Shipping Weight (kg) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310MM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Primary Coating Material	Acrylate
Secondary Coating Material PVC Technology Multimode Optical Mode OM2 PHYSICAL Cable Jacket 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 1.90 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Proof Test Level	100,000 PSI
Technology Multimode Optical Mode OM2 PHYSICAL Cable Jacket 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 1.90 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Secondary Coating Diameter	900 +/- 50 microns
Optical Mode OM2 PHYSICAL Cable Jacket 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 1.90 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Secondary Coating Material	PVC
PHYSICAL Cable Jacket Color 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) Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed 1 Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM Side A - Connector 1 LC DUPLEX (MALE)	Technology	Multimode
Cable Jacket 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 1.90 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (ibs.) 0.13 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC 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 1.90 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	PHYSICAL	
Core Diameter 50 micron Number of Fibers 2 Cable Length (ft.) 32.8 Cable Length (in.) 10 Cable Length (in.) 393.7 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.90 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed 1 Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Cable Jacket Color	Orange
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 1.90 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC 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 1.90 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed 1 Gbps Attenuation @ 1310NM Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC 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 1.90 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Number of Fibers	2
Cable Length (in.) 393.7 Shipping Dimensions (hwd / cm) 22.86 x 17.78 x 1.90 Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Cable Length (ft.)	32.8
Shipping Dimensions (hwd / cm) Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Cable Length (m)	10
Shipping Dimensions (hwd / in.) 9.00 x 7.00 x 0.75 Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Cable Length (in.)	393.7
Shipping Weight (kg) 0.06 Shipping Weight (lbs.) 0.13 COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.90
Shipping Weight (lbs.) COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.75
COMMUNICATIONS Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Shipping Weight (kg)	0.06
Network Speed 1Gbps Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Shipping Weight (lbs.)	0.13
Attenuation @ 1310NM 1.0 DB/KM maximum Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	COMMUNICATIONS	
Attenuation @ 850NM 3.5 DB/KM maximum CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Network Speed	1Gbps
CONNECTIONS Side A - Connector 1 LC DUPLEX (MALE)	Attenuation @ 1310NM	1.0 DB/KM maximum
Side A - Connector 1 LC DUPLEX (MALE)	Attenuation @ 850NM	3.5 DB/KM maximum
	CONNECTIONS	
Side B - Connector 1 SC DUPLEX (MALE)	Side A - Connector 1	LC DUPLEX (MALE)
	Side B - Connector 1	SC DUPLEX (MALE)



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