

#### 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), 5M (16-ft.)

# MODEL NUMBER: N516-05M



### Description

Tripp Lite's 5-meter multimode duplex Fibre Channel SC/LC patch cable is manufactured from 50/125 zipcord fiber. The cable has SC connectors on one end, and LC at the other, a PVC jacket, and is FDDI and OFNR rated. 50/125 Duplex multimode fiber is most commonly used in Fibre Channel applications. It is backward compatible with 62.5 micron fiber and built-in headroom for future applications. The cable provides higher bandwidth optimized for Gigabit and 10Gbps networks as well. Also available in 1, 2, 3, 10, 15, 20, 30, and 50 meter lengths. Search "N516-" to bring up all lengths. Also search "N506-" for SC-SC cables, and "N520-" for LC-LC cables.

#### Features

- Constructed with 50/125 micron cable
- Length 5M
- 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

## 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**

 5M duplex MMF cable LC/SC 50/125 fiber



- 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**

OVERVIEW        UPC Code      037332119568        Clad Diameter      125 micron        Core Diameter      50 micron        Number of Fibers      2        Optical Mode      0M2        INPUT        Cable Length (ft.)      16.4        Cable Length (m)      5        Cable Length (m)      5        Cable Length (m)      5        Cable Length (m)      196.9        BATTERY      Ithium Batteries        Lithium Batteries      No        PHYSICAL        Calole Lackter Rating      LSZH        Color      Orrange        Shipping Dimensions (hwd / cm)      2.2.86 x 17.78 x 1.27        Shipping Weight (kg)      0.04        Shipping Weight (kg)      0.07        CoMUNICATIONS      No			
Clad Diameter  125 micron    Core Diameter  50 micron    Number of Fibers  2    Optical Mode  OM2    INPUT    Cable Length (ft.)    16.4    Cable Length (m)  5    Cable Length (m.)  196.9    BATTERY    Lithum Batteries  No    PHYSICAL    Cable Jacket Rating  LSZH    Color  Orange    Shipping Dimensions (hwd / cm)  2.86 x 17.78 x 1.27    Shipping Dimensions (hwd / n.)  9.00 x 7.00 x 0.50    Shipping Weight (kg)  0.04    Shipping Weight (kg)  0.07	OVERVIEW		
Core Diameter      50 micron        Number of Fibers      2        Optical Mode      OMZ        INPUT      0MZ        Sable Length (ft.)      16.4        Cable Length (m.)      5        Cable Length (m.)      196.9        BATTERY      Information        Lithum Batteries      No        PHYSICAL      LSZH        Color      Orange        Shipping Dimensions (hwd / cm)      2.86 x 17.78 x 1.27        Shipping Dimensions (hwd / in.)      9.00 x 7.00 x 0.50        Shipping Weight (kg)      0.04        Shipping Weight (kg)      0.07			
Number of Fibers      2        Optical Mode      OM2        INPUT      OM2        Cable Length (ft.)      16.4        Cable Length (m)      5        Cable Length (m.)      196.9        BATTERY      Intervention        PHYSICAL      No        Cable Jacket Rating      LSZH        Color      Orange        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)      0.04        Shipping Weight (kg)      0.04	Clad Diameter	125 micron	
Optical Mode      OM2        INPUT      Initial Addition of the second of the se	Core Diameter	50 micron	
INPUT        Cable Length (ft.)      16.4        Cable Length (m)      5        Cable Length (in.)      196.9        BATTERY      Intervention        Lithium Batteries      No        PHYSICAL      Color        Color      Orange        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)      0.04        Shipping Weight (lbs.)      0.07	Number of Fibers	2	
Cable Length (ft.)    16.4      Cable Length (m)    5      Cable Length (in.)    196.9      BATTERY      Lithium Batteries    No      PHYSICAL      Cable Jacket Rating    LSZH      Color    Orange      Shipping Dimensions (hwd / cm)    2.86 x 17.78 x 1.27      Shipping Dimensions (hwd / in.)    9.00 x 7.00 x 0.50      Shipping Weight (kg)    0.04      Shipping Weight (ks.)    0.07	Optical Mode	OM2	
Cable Length (m)    5      Cable Length (n.)    196.9      BATTERY       Lithium Batteries    No      PHYSICAL       Cable Jacket Rating    LSZH      Color    Orange      Shipping Dimensions (hwd / cm)    9.00 x 7.00 x 0.50      Shipping Weight (kg)    0.04      Shipping Weight (ks.)    0.07	INPUT		
Cable Length (in.)    196.9      BATTERY      Lithium Batteries    No      PHYSICAL      Cable Jacket Rating    LSZH      Color    Orange      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)    0.04      Shipping Weight (lbs.)    0.07	Cable Length (ft.)	16.4	
BATTERY      Lithium Batteries    No      PHYSICAL    EXEMPTION      Cable Jacket Rating    LSZH      Color    Orange      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)    0.04      Shipping Weight (lbs.)    0.07	Cable Length (m)	5	
Lithium Batteries    No      PHYSICAL       Cable Jacket Rating    LSZH      Color    Orange      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)    0.04      Shipping Weight (lbs.)    0.07	Cable Length (in.)	196.9	
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Shipping Weight (lbs.)  0.07    COMMUNICATIONS  Image: Communication of the second	Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50	
COMMUNICATIONS	Shipping Weight (kg)	0.04	
	Shipping Weight (lbs.)	0.07	
Network Speed 1Gbps	COMMUNICATIONS		
	Network Speed	1Gbps	
CONNECTIONS	CONNECTIONS		
Side A - Connector 1 LC DUPLEX (MALE)	Side A - Connector 1	LC DUPLEX (MALE)	
Side B - Connector 1 SC DUPLEX (MALE)	Side B - Connector 1	SC DUPLEX (MALE)	



FEATURES & SPECIFICATIONS		
Technology	Multimode	
SPECIAL FEATURES		
Push/Pull Tabs	No	
CERTIFICATIONS		
Approvals	FDDI and OFNR rated	
WARRANTY		
Product Warranty Period (Worldwide)	Lifetime limited warranty	

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