



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Fiber Optic Mode Conditioning Patch Cable (SC/LC), 4M (13-ft.)

MODEL NUMBER: **N424-04M**



### Highlights

- Converts Singlemode SC GBIC to Multimode LC Patch Panel
- 62.5/125 and 8.3/125
- Run 1000Base-LX Gigabit Ethernet over MMF by offsetting signal loss

### Package Includes

- SC / Mode Conditioning to LC Fiber Optic Patch Cable, 4M (13-ft.)

### Description

Tripp Lites Mode Conditioning Cables are designed for use in Gigabit Ethernet 1000BASE-LX applications. N424 series cables convert a Singlemode SC GBIC to an LC Multimode patch bay. They are fully compliant with IEEE 802.3z application standards. Mode Conditioning Cables are needed in applications where new high-speed Gigabit 1000BASE-LX routers and switches are being deployed into existing Multimode plants. The need for this patch cord is due to the single-mode launch nature of the -LX or long-wave (1300 nm) transceiver modules used for Gigabit Ethernet. Launching a single-mode laser into the center of a multimode fiber can cause multiple signals to be generated that confuses the receiver at the other end of the fiber. These multiple signals, caused by Differential Mode Delay (DMD) effects, severely limit the cable distance lengths for operating Gigabit Ethernet. A mode conditioning patch cord eliminates these multiple signals by allowing the single-mode launch to be offset away from the center of a multimode fiber.

### Features

- Converts Singlemode SC GBIC to Multimode LC Patch Panel
- 62.5/125 and 8.3/125
- Run 1000Base-LX Gigabit Ethernet over MMF by offsetting signal loss

## Specifications

OVERVIEW	
UPC Code	037332128119
Technology	Mode Conditioning



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

<b>INPUT</b>	
Cable Length (ft.)	13.1
Cable Length (m)	4
<b>PHYSICAL</b>	
Shipping Dimensions (hwd / in.)	0.250 x 5.200 x 5.500
Shipping Dimensions (hwd / cm)	0.64 x 13.21 x 13.97
Shipping Weight (lbs.)	0.1000
Shipping Weight (kg)	0.05
Color	Orange; Yellow
<b>CONNECTIONS</b>	
Side A - Connector 1	LC DUPLEX (MALE)
Side B - Connector 1	SC DUPLEX (MALE)
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

© 2018 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>