

## Fiber Optic Mode Conditioning Patch Cable (SC/LC), 1M (3 ft.)

MODEL NUMBER: N424-01M



### Highlights

- Converts Singlemode SC GBIC to Multimode LC Patch Panel
- 62.5/125 and 9/125
- Run 1000Base-LX Gigabit Ethernet over MMF by offsetting signal loss

### Package Includes

- SC / Mode Conditioning to LC Fiber Optic Patch Cable, 1M ( 3-ft. )

### Features

- Use SC GBIC Singlemode Transceivers on Multimode Fiber Backbones with LC patch bays
- 62.5/125 and 9/125
- Offsets the Singlemode Laser launch from the center of a Multimode fiber
- Available in a variety of connector combinations

## Specifications

| OVERVIEW                |                   |
|-------------------------|-------------------|
| UPC Code                | 037332131645      |
| Optical Mode            | OM1               |
| PHYSICAL                |                   |
| Cable Jacket Color      | Orange; Yellow    |
| Connector Color         | Blue; Gray; Black |
| Cable Jacket Material   | PVC               |
| Cable Jacket Rating     | OFNR              |
| Clad Diameter (microns) | 125               |
| Core Diameter (microns) | 62.5              |
| Number of Fibers        | 2                 |
| Cable Length (ft.)      | 3.3               |

|                                      |                                    |
|--------------------------------------|------------------------------------|
| Cable Length (m)                     | 1.01                               |
| Cable Length (in.)                   | 39.4                               |
| Minimum Bend Radius                  | 20 mm (Dynamic); 10 mm (Static)    |
| Shipping Dimensions (hwd / in.)      | 0.25 x 5.00 x 7.00                 |
| Shipping Dimensions (hwd / cm)       | 0.64 x 12.70 x 17.78               |
| Shipping Weight (lbs.)               | 0.10                               |
| Shipping Weight (kg)                 | 0.05                               |
| Fiber Cable Length                   | 1M (3.3 ft)                        |
| <b>ENVIRONMENTAL</b>                 |                                    |
| Operating Temperature Range          | -4° to 140°F (-20° to 60°C)        |
| 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      |
| <b>COMMUNICATIONS</b>                |                                    |
| Attenuation @ 850NM                  | 3.0 dB/km                          |
| Insertion Loss                       | MM to MM 0.20 dB; MM to SM 0.30 dB |
| <b>CONNECTIONS</b>                   |                                    |
| Side A - Connector 1                 | LC DUPLEX (MALE)                   |
| Side B - Connector 1                 | SC DUPLEX (MALE)                   |
| Endface Polish                       | PC                                 |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                    |
| Push/Pull Tabs                       | No                                 |
| Breakout                             | No                                 |
| Trunk                                | No                                 |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                    |
| Product Compliance                   | RoHS; REACH                        |
| <b>WARRANTY &amp; SUPPORT</b>        |                                    |
| Product Warranty Period (Worldwide)  | Lifetime limited warranty          |



1000 Eaton Boulevard  
Cleveland, OH 44122  
United States



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