

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 |
| 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 | 20MM (Dynamic); 10MM (Static) |
| Shipping Dimensions (hwd / cm) | 0.64 x 12.70 x 17.78 |
| Shipping Dimensions (hwd / in.) | 0.25 x 5.00 x 7.00 |
| Shipping Weight (kg) | 0.05 |
| Shipping Weight (lbs.) | 0.10 |
| ENVIRONMENTAL | |
| 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 |
| COMMUNICATIONS | |
| Attenuation @ 850NM | 3.0dB/Km |
| Insertion Loss | MM TO MM0.20dB;MM TO SM0.30dB |
| CONNECTIONS | |
| Side A - Connector 1 | LC DUPLEX (MALE) |
| Side B - Connector 1 | SC DUPLEX (MALE) |
| Endface Polish | PC |
| Connector Color | Blue; Gray; Black |
| FEATURES & SPECIFICATIONS | |
| Push/Pull Tabs | No |
| Breakout | No |
| Trunk | No |
| STANDARDS & COMPLIANCE | |
| Certifications | RoHS, REACH |
| WARRANTY | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |

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