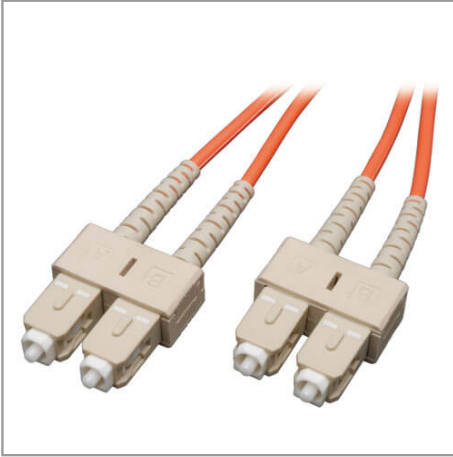


Duplex Multimode 50/125 Fiber Patch Cable (SC/SC), 50M (164 ft.)

MODEL NUMBER: **N506-50M**



Features

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

Specifications

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 SC/SC connectors

Package Includes

- 50M duplex MMF cable SC/SC 50/125 fiber

| OVERVIEW | |
|---------------------------------|---------------------------------|
| UPC Code | 037332119599 |
| Technology | Multimode |
| Optical Mode | OM2 |
| PHYSICAL | |
| Cable Jacket Color | Orange |
| Connector Color | Beige |
| Cable Jacket Material | LSZH |
| Cable Jacket Rating | OFNR |
| Clad Diameter (microns) | 125 |
| Core Diameter (microns) | 50 |
| Number of Fibers | 2 |
| Cable Length (ft.) | 164 |
| Cable Length (m) | 50.00 |
| Cable Length (in.) | 1968.5 |
| Minimum Bend Radius | 20 mm (Dynamic); 10 mm (Static) |
| Shipping Dimensions (hwd / in.) | 12.00 x 10.00 x 1.00 |
| Shipping Dimensions (hwd / cm) | 30.48 x 25.40 x 2.54 |
| Shipping Weight (lbs.) | 0.86 |
| Shipping Weight (kg) | 0.39 |
| Fiber Cable Length | 50M (164 ft) |
| 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 | |
| Network Compatibility | 1 Gbps (Gigabit); 10 Gbps |
| Attenuation @ 850NM | 3.0 dB/km |
| Insertion Loss | 0.20 dB |
| CONNECTIONS | |
| Side A - Connector 1 | SC DUPLEX (MALE) |

| | |
|--------------------------------------|---------------------------|
| Side B - Connector 1 | SC DUPLEX (MALE) |
| Endface Polish | PC |
| FEATURES & SPECIFICATIONS | |
| Push/Pull Tabs | No |
| Breakout | No |
| Trunk | No |
| STANDARDS & COMPLIANCE | |
| Product Compliance | RoHS; REACH |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |