



LSZH Duplex Multimode 50/125 Fibre Optic Patch Cable

- Supports longer distances with lower loss than 62.5/125 fibre for gigabit Ethernet, fibre channel, Infiniband®, ATM, and internet protocol applications
- Specifically designed for use with today's narrower aperture components, this cable is fully compatible with multimode applications
- The LSZH jacket is composed from materials that lessen the smoke and halogen emissions when the cable is exposed to extreme temperatures.
- Patented injection moulding process provides each connection greater durability in resisting pulls, strains and impacts from cabling installs
- Available in an orange jacket
- Lifetime Warranty

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Fibre Specifications:

- Optical Multimode 2 (OM2) fiber supporting 500 MHz.km OFL at 850/1300 nm.
- Buffer Material: PVC
- Buffer OD: 900 µm
- Jacket Material: LSZH PVC (OFNR riser-rated)
- Jacket OD: 1.8 mm
- Installation Tensile Load: 100 N (445 lbs)
- Long-Term Tensile Load: 50 N (222 lbs)
- Maximum Tensile Load: 100 N/cm
- Installation (Loaded) Minimum Bend Radius: 5.0cm (1.97in)
- Long-Term (Unloaded) Minimum Bend Radius: 3.0cm (1.2in)
- Crush Resistance: 750 N/cm
- Impact Resistance: 1,000 cycles
- Flex Resistance: 5,000 cycles
- Attenuation at 1300 nm: 1.0 dB/km
- Attenuation at 850 nm: 3.5 dB/km
- Operating Temperature: -20°C to +70°C

Please Note: Attenuation testing performed in accordance with EIA/TIA-455-171A..

Connector Specifications:

LC Connector:

Dimensions: 10.75mm H x 12.5mm W x 50mm D (with installed duplex clip)

Maximum Connector Loss: 0.50 dB
Typical Connector Loss: 0.30 dB
Typical Return Loss: -25 dB

SC Connector:

Dimensions: 10.6mm H x 26mm W x 58mm D (with installed duplex clip)

Maximum Connector Loss: 0.50 dB
Typical Connector Loss: 0.30 dB
Typical Return Loss: -25 dB

Approvals: RoHS Compliant
Warranty: Lifetime
Package Type: Polybag

| Description | Length | LC-LC | LC-SC | SC-SC |
|--|--------|-------|-------|-------|
| LSZH Duplex Multimode 50/125 Fibre Optic Patch Cable | 1m | 85335 | 85319 | 85303 |
| LSZH Duplex Multimode 50/125 Fibre Optic Patch Cable | 2m | 85336 | 85320 | 85304 |
| LSZH Duplex Multimode 50/125 Fibre Optic Patch Cable | 3m | 85337 | 85321 | 85305 |
| LSZH Duplex Multimode 50/125 Fibre Optic Patch Cable | 5m | 85338 | 85322 | 85306 |
| LSZH Duplex Multimode 50/125 Fibre Optic Patch Cable | 10m | 85340 | 85324 | 85308 |

