



62.5/125 OM1 Duplex Multimode PVC Fibre Optic Cable (LSZH) - Orange

- Designed for gigabit Ethernet, fibre channel, Infiniband®, ATM, and internet protocol 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



Specifications: 62.5/125 OM1 Duplex Multimode PVC Fibre Optic Cable (LSZH) - Orange

Fibre Specifications:

- Optical Multimode 1 (OM1) fibre supporting 200/500 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

ST Connector:

Dimensions: 9.8mm H x 19.6mm W x 59mm D

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

Length	LC-LC	LC-SC	SC-SC	SC-ST	LC-ST	ST-ST
1m	85287	85255	85239	85223	85271	85207
2m	85288	85256	85240	85224	85272	85208
3m	85289	85257	85241	85225	85273	85209
5m	85290	85258	85242	85226	85274	85210
7m	85291	85259	85243	85227	85275	85211
10m	85292	85260	85244	85228	85276	85212
15m	85465	85459	85453	85456	85462	85450
20m	85466	85460	85454	85457	85463	85451
30m	85467	85461	85455	85458	85464	85452

