



50/125 OM2 Duplex Multimode PVC Fibre Optic Cable (LSZH) - Orange

- 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



Specifications: 50/125 OM2 Duplex Multimode PVC Fibre Optic Cable (LSZH) - Orange

Fibre Specifications:

- Optical Multimode 2 (OM2) fibre 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

Length	ST-ST	SC-SC	SC-ST	LC-SC	LC-ST	LC-LC
1m	85468	85303	85480	85319	85492	85335
2m	85469	85304	85481	85320	85493	85336
3m	85470	85305	85482	85321	85494	85337
5m	85471	85306	85483	85322	85495	85338
7m	85472	85307	85484	85323	85496	85339
10m	85473	85308	85485	85324	85497	85340
15m	85474	85477	85486	85489	85498	85501
20m	85475	85478	85487	85490	85499	85502
30m	85476	85479	85488	85491	85500	85503

