



9/125 OS1 Duplex Singlemode PVC Fibre Optic Cable (LSZH) - Yellow

- Cost-effective solution that provides high bandwidth and transmission rates over longer distances
- Designed for gigabit Ethernet applications
- Patented injection moulding process provides each connection greater durability in resisting pulls, strains and impacts from cabling installs
- The LSZH jacket is composed from material that lessen the smoke and halogen emissions when the cable is exposed to extreme temperatures
- Available in a yellow jacket
- Lifetime Warranty

Specifications: 9/125 OS1 Duplex Singlemode PVC Fibre Optic Cable (LSZH) - Yellow

Fibre Specifications:

- Buffer Material: PVC
- Buffer OD: 900 µm
- Jacket Material: PVC (OFNR riser-rated)
- Jacket OD: 2.8 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 1550 nm: 0.25 dB/km
- Attenuation at 1310 nm: 0.35 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: -55 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: -55 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: -55 dB

Approvals: RoHS Compliant
 Warranty: Lifetime
 Package Type: Polybag

Length	ST-ST	SC-SC	SC-ST	LC-SC	LC-ST	LC-LC
1m	85559	85568	85577	85586	85595	85604
2m	85560	85569	85578	85587	85596	85605
3m	85561	85570	85579	85588	85597	85606
5m	85562	85571	85580	85589	85598	85607
7m	85563	85572	85581	85590	85599	85608
10m	85564	85573	85582	85591	85600	85609
15m	85565	85574	85583	85592	85601	85610
20m	85566	85575	85584	85593	85602	85611
30m	85567	85576	85585	85594	85603	85612

