



10Gb 50/125 OM3 Duplex Multimode PVC Fibre Optic Cable (LSZH) - Aqua

- Optical Multimode 3 (OM3) fibre supporting 2000MHz/km EMB at 850nm
- 10 Gigabit transfers up to 300 m using 850 nm VCSEL source
- The LSZH jacket is composed from material that lessen the smoke and halogen emissions when the cable is exposed to extreme temperatures
- Available in an Aqua jacket
- Patented injection moulding process provides each connection greater durability in resisting pulls, strains and impacts from cable installs
- Specifically designed for use with today's narrower aperture components, this cable is fully compatible with multimode applications
- Lifetime Warranty

Specifications: 10Gb 50/125 OM3 Duplex Multimode PVC Fibre Optic Cable (LSZH) - Aqua

Fibre Specifications:

- Optical Multimode 3 (OM3) fibre supporting 2000MHz/km EMB at 850nm
- Buffer Material: PVC
- Buffer OD: 900µm
- Jacket Material: LSZH PVC (OFNR riser-rated)
- Jacket OD: 1.8mm
- Installation Tensile Load: 100N (445 lbs)
- Long-Term Tensile Load: 50N (222 lbs)
- Maximum Tensile Load: 100N/cm
- Installation (Loaded) Minimum Bend Radius: 5.0cm
- Long-Term (Unloaded) Minimum Bend Radius: 3.0cm
- Crush Resistance: 750N/cm
- Impact Resistance: 1,000 cycles
- Flex Resistance: 5,000 cycles
- Attenuation at 1300nm: 1.0dB/km
- Attenuation at 850nm: 3.5dB/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	85504	85513	85522	85531	85540	85549
2m	85505	85514	85523	85532	85541	85550
3m	85506	85515	85524	85533	85542	85551
5m	85507	85516	85525	85534	85543	85552
7m	85508	85517	85526	85535	85544	85553
10m	85509	85518	85527	85536	85545	85554
15m	85510	85519	85528	85537	85546	85555
20m	85511	85520	85529	85538	85547	85556
30m	85512	85521	85530	85539	85548	85557
50m	—	—	—	—	—	85558

