

# Optical Fibre Cables

Stainless Steel Loose Unitube (SST) with Two Parallel Steel Wires  
Strength Members, Unarmoured, Underground (Direct Buried or Duct),  
Single LSZH Sheathed, Fire Resistant Cable  
Model Code: SST/DSWM/LSZH



Application :	Suitable for emergency systems, lashed aerial, duct, and underground conduit applications.
Construction :	<ul style="list-style-type: none"> <li>2 to 96 optical fibre [250µm OM1, OM2, OM3, OM4 multi-mode or OS2 (ITU-T G.652.D) single-mode] in a stainless steel gel-filled loose tube</li> <li>Two parallel steel wire strength members embedded in the LSZH sheath</li> <li>UV resistant LSZH sheathed cable</li> </ul>
Sheath colour :	Black or Orange
Specification :	IEC 60793, IEC 60793-10 Single-mode OS2: ITU-T G.650, ITU-T G.652, ISO/IEC 11801 Multi-mode OM1: ISO/IEC 11801 Multi-mode OM2, OM3, OM4: ITU-T G.651, ISO/IEC 11801 LSZH sheath: IEC 60754, IEC 61034-2, IEC 60332 Fire resistant test: IEC 60331-25 (90 min at 750°C)
Operating temperature :	-40°C to 70°C
Storage temperature :	-40°C to 70°C
Installation temperature :	-10°C to 60°C

**Related Products**



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No. of Fibres	2	4	6	8	10	12	16	24	36	48	60	72	96
No. of Stainless Steel Tube	1	1	1	1	1	1	1	1	1	1	1	1	1
Approx. Overall Diam. (mm)	6.4	6.4	6.4	6.4	6.4	6.4	7.2	7.2	7.6	7.6	7.8	8.2	8.5
Approx. Weight (kg/km)	84	84	84	84	84	84	112	112	125	125	135	155	171

Note: The information contained in the above table is subject to normal manufacturing tolerance. Specifications are subjected to change without notice.

**Mechanical Properties**

Max. Tensile Load (N)	1000N
Crush Resistance (N/100mm)	1000N
Min. Installation Bending Radius (mm)	30 x OD
Min. Operation Bending Radius (mm)	15 x OD