



Single Loose Tube Steel Tape Armoured Cable With E-Glass

Single loose tube steel tape armoured cable with water blocking e-glass strength members. The single gel filled loose tube consists of 2 to 24 250µm singlemode (G.652.D) or multimode (OM1/OM2/OM3/OM4) fibres. The corrugated steel tape armoring makes it an ideal solution for application that require high crush resistance or anti-rodent protection. There is an option for Low Smoke Zero Halogen (LSZH) or High Density Polyethelene (HDPE) jacket.

Applications

- Internal/External FTTH applications Suitable for internal applications
- Suitable for external duct and direct burial applications
- Suitable for environments where impact protection is required
- Suitable for intra building links in campus environments

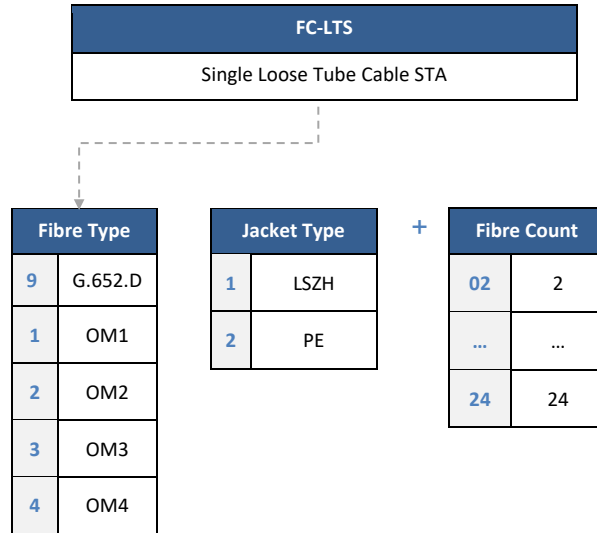
Features

- Flame retardant LSZH jacket for enhanced fire performance or HDPE jacket for environmental protection and water permeation resistance
- CST armoring for enhanced impact, crush and rodent resistance
- Choice of fibre types
- Color coded fibres
- Compact 250 µm loose tube construction

Specifications

PAREMETER	UNIT	VALUE
Crush	N/100mm	2000
Strength Member		E-Glass
Storage Temperature	°C	-20 to +60
Installation Temperature	°C	-20 to +60
Operating Temperature	°C	-20 to +60
Nominal Weight 2f to 12 f	kg/km	LSZH 95 PE 73
Nominal Weight 14f to 24f	kg/km	LSZH 110 PE 86
Fibre count	N	2, 4, 6, 8, 12, 16 &24
Nominal outer diameter 2f to 12f	mm	8.5 ± 0.3
Nominal outer diameter 14f to 24f	mm	9.2 ± 0.3
Maximum tensile load (Short Term)	N	1000
Maximum tensile load (Long Term)	N	500
Minimum bend radius	mm	Installed 10D
Minimum bend radius	mm	Loaded 20D
Drum length	km	2 or 4
Plywood drum dimensions (Flange, Barrel, Width) 4km 2f to 12f	mm (approx.)	F1000, B510, W690
Drum weight with cable 4km 2f to 12f	kg (approx.)	LSZH 398 HDPE 310
Plywood drum dimensions (Flange, Barrel, Width) 4km 14f to 24f	mm (approx.)	F1100, B500, W690
Drum weight with cable 4km 14f to 24f	kg (approx.)	LSZH 461 HDPE 365

Ordering Information



Example:

FC-LTS-91-24 – Single Loose Tube Cable STA Singlemode LSZH 24 Fibres

Technical Drawing

