



Single Loose Tube Steel Tape Armoured Cable With Steel Wires

Single loose tube metallic armoured cable with steel wire strength members. The gel filled single loose tube consists of 2 to 24 250µm singlemode (G.652.D) or multimode (OM1/OM2/OM3/OM4) fibres and it is protected by a water swellable tape. There is an option for Low Smoke Zero Halogen (LSZH) or Polyethelene (PE) jacket.

Features

- 250 µm loose tube construction
- Steel tape armouring and steel wire strength members for enhanced crush resistance
- Rodent resistant
- Option for LSZH or PE jacket
- Available with various fibre types
- Choice of fibre types
- Colour coded fibres

Applications

- Suitable for internal/external duct applications
- Suitable for environment that requires rodent resistance
- Works with 10Gb applications
- Applications that require impact protection
- Intra building links in campus environments

Specifications

PAREMETER	UNIT	VALUE
Crush	N/100mm	2000
Strength Member		Steel
Storage Temperature	°C	-20 to +60
Installation Temperature	°C	-20 to +60
Operating Temperature	°C	-20 to +60
Nominal Weight	kg/km	LSZH 150 PE 106
Fibre count	N	2, 4, 6, 8, 12 & 24
Nominal outer diameter	mm	10.0 ± 0.3
Maximum tensile load (Short Term)	N	1200
Maximum tensile load (Long Term)	N	600
Minimum bend radius	mm	Installed 100
Minimum bend radius	mm	Loaded 200
Drum length	km	4
Plywood drum dimensions (Flange, Barrel, Width)	mm (approx.)	F1200, B560, W690
Drum weight with cable	kg (approx.)	LSZH 676 PE 451

Fibre Characteristics

FIBRE TYPE		OS1/OS2 G.652D			OM1		OM2		OM3		OM4	
Wavelength	nm	1310	1383	1550	850	1300	850	1300	850	1300	850	1300
Attenuation	dB/km	≤0.39	≤0.39	≤0.25	≤3.2	≤1.0	≤2.7	0.8	≤3.0	≤1.0	≤3.2	≤1.0

Ordering Information

	Fibre Type		Jacket Type		Fibre Count	
	9	G.652.D	1	LSZH	02	2
OFC-LSTW	1	OM1	2	PE
	2	OM2			24	24
	3	OM3				
	4	OM4				

Example order code

OFC-LSTW - 9 1 - 24

Single Loose Tube Cable STA with Steel Wires Singlemode LSZH 24 Fibres

Technical Drawing

