



## 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 (OS1/OS2) 9/125 ITU-T G.652D, G.657A1, G.657A2 or multimode (OM1/OM2/OM3/OM4/OM5) fibres. The corrugated steel tape armouring 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.

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### Features

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

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### 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

## Specifications

<b>PAREMETER</b>	<b>UNIT</b>	<b>VALUE</b>
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 85 PE 63
Nominal Weight 14f to 24f	kg/km	LSZH 96 PE 73
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

### Ordering Information

	Fibre Type		Jacket Type		Fibre Count	
<b>OFC-LTS</b>	<b>9</b>	G.652.D	<b>1</b>	LSZH	<b>02</b>	2
	<b>A1</b>	G.657A1	<b>2</b>	PE	...	...
	<b>A2</b>	G.657A2			<b>24</b>	24
	<b>1</b>	OM1				
	<b>2</b>	OM2				
	<b>3</b>	OM3				
	<b>4</b>	OM4				
	<b>5</b>	OM5				

### Example order code

OFC-LTS - 9 1 - 24

Single Loose Tube Cable STA Singlemode LSZH 24 Fibres

### Technical Drawing

