

CST Armoured Multiple Loose Tubes Fibre Cable

The CST Armoured Multiple Loose Tubes Fibre Cable is a robust, high-performance optical fibre cable designed for both indoor and outdoor applications. It features a corrugated steel tape (CST) armouring for enhanced protection, making it ideal for environments where the cable may face physical stress, such as rodent interference or installation in ducts.

This cable is available with a range of fibre core options, supporting up to 96 fibres with key features including its water-blocking design for moisture resistance, high tensile strength, and flexibility, which make it easy to install even in challenging conditions. The cable also offers colour-coded fibres for easier identification and management, ensuring a versatile and reliable solution for both backbone networks and fibre-to-building connections.

Features & Benefits

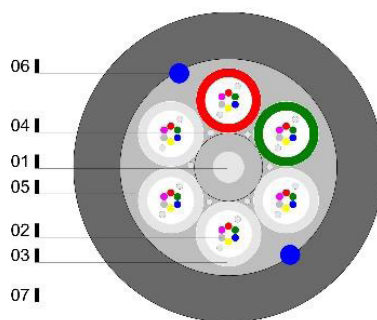
- Rodent Protected
- Special Colour Code
- Compact
- Flexible
- Gel Free
- Totally Dielectric

Fire Performance

- Flame retardant (IEC 60332-1)
- Fire retardant (IEC 60332-3)
- Halogen free (IEC 60754-1/-2)
- Low smoke emission (IEC 61034-2)

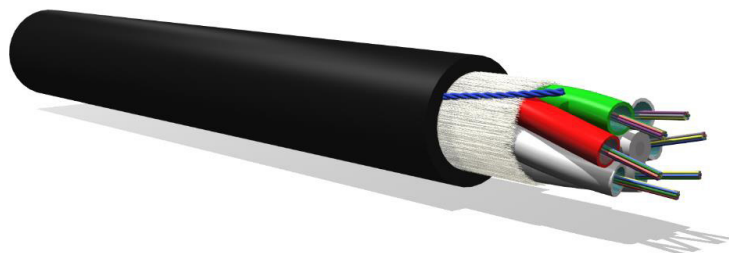
CPR Classification (Euroclass)

- Reaction to Fire: Cca, s1a, d0, a1
- Declaration Code: DOP01054



Cable Description

- 01 Central Element (GRP)
- 02 Fibre Optics
- 03 Loose Tube (Dry Tubes WB)
- 04 Waterblocking Yarns
- 05 Strength Members
- 06 Ripcord
- 07 Outer Jacket



Product Specifications		
Fibre Count	48	96
Fibres Per Tube	12	12
Total Tubes	6	8
Active Tubes	4	8
Strength Members	Reinforced Fibreglass Yarns WB (Water Blocking)	
Outer Sheath	LSZH-XF ¹	
Outer Sheath Colour	Black	
Weight (Kg/Km)	117	146
Outer Ø (mm)	10.8 ±0.5	12.0 ±0.5
Max. Tensile Load (N)	2500 (Operation) / 4500 (Installation) - (IEC 60794-1-21 E1)	
Max. Crush (N/10cm)	2000 (IEC 60794-1-21 E3)	
Temperature Range	-20°C to +70°C (Operation) / -10°C to +50°C (Installation) - (IEC 60794-1-22 F1)	
Water Penetration	Watertight (3m / 24h / 1m / Optical Core / IEC 60794-1-22 F5B)	
Min. Bending Radius (mm)	15 x Outer Ø (Operation) / 20 x Outer Ø (Installation) - (IEC 60794-1-21 E11)	

Standards: Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

Fibres colour code: Red - Green - Grey - Yellow - Blue - Turquoise - White - Brown - Violet - Orange - Pink - Black.

¹ LSZH-XtremeFire - Halogen free, low smoke and flame retardant thermoplastic compound. Excellent fireproof performance.

Ordering Information	
Product Description	Part Number
Connectix Singlemode G.657.A1 48-fibre (4x12) Indoor/Outdoor Dry CST Armoured Cable LSZH EuroClass Cca-s1a-d1-a1	002-005-062-48
Connectix Singlemode G.657.A1 96-fibre (8x12) Indoor/Outdoor Dry CST Armoured Cable LSZH EuroClass Cca-s1a-d1-a1	002-005-062-96