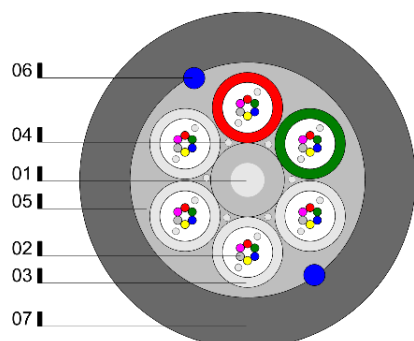


Fibre Optic Cabling

CST Armoured Loose Tube 48 Fibre Cable

Cca-s1a-d1-a1



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

Applications

Universal (Indoor/Outdoor)
Data Centres

Fire Performance

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

Rodent protection

Rodent protected

Options

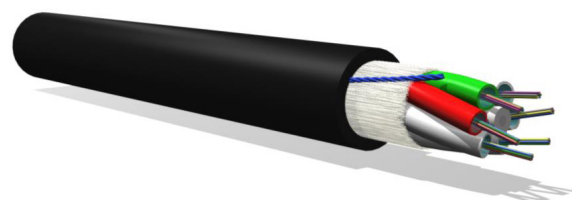
Special colour code

Features

Compact / Flexible / Gel free /
Totally dielectric.

CPR Classification (Euroclass)

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



Cable Specifications					
Fibre Count	12	24	36	48	72
Fibres Per Tube	12	12	12	12	12
Total Tubes	6	6	6	6	6
Active Tubes	1	2	3	4	6
Strength Members	Reinforced Fibreglass Yarns WB (Water Blocking)				
Outer Sheath	LSZH-XF ¹				
Outer Sheath Colour	Black				
Weight (Kg/Km)	114	115	116	117	118
Outer Ø (mm)	10.8 ±0.5	10.8 ±0.5	10.8 ±0.5	10.8 ±0.5	10.8 ±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.

¹LSZH-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, OD 10.8mm, Tensile Strength 4500N	002-005-062-48
Connectix Singlemode G.657.A1 72-fibre (6x12) Indoor/Outdoor Dry CST Armoured Cable LSZH EuroClass Cca-s1a-d1-a1, OD 10.8mm, Tensile Strength 4500N	002-005-062-72