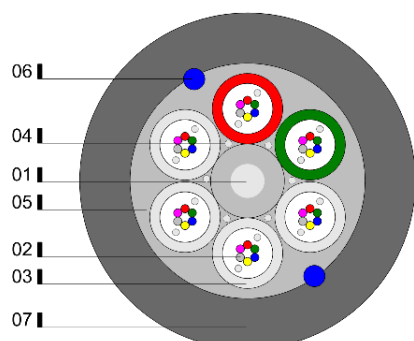


Fibre Optic Cabling

CST Armoured Loose Tube 96 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

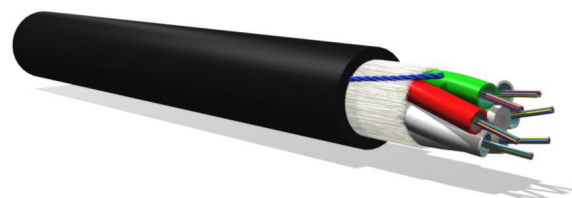
Special colour code

Features

Compact / Flexible / Gel free /
Totally dielectric.

CPR Classification (Euroclass)

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



Cable Specifications	
Fibre Count	96
Fibres Per Tube	12
Total Tubes	8
Active Tubes	8
Strength Members	Reinforced Fibreglass Yarns WB (Water Blocking)
Outer Sheath	LSZH-XF ¹
Outer Sheath Colour	Black
Weight (Kg/Km)	146
Outer Ø (mm)	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)
Min. Bending Radius (mm)	

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 96-fibre (8x12) Indoor/Outdoor Dry CST Armoured Cable LSZH EuroClass Cca-s1a-d1-a1, OD 12mm, Tensile Strength 4500N	002-005-062-96