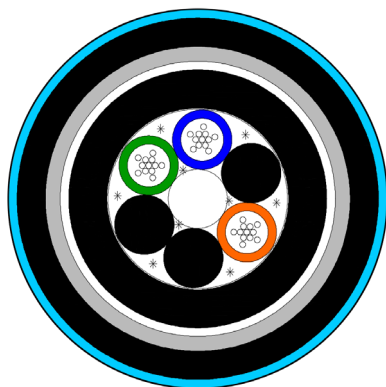


CST Armoured LT Cable PE/CST/PE/Nylon - Multimode



PRODUCT INFORMATION

A Rodent & Termite resistant loose tube cable featuring Corrugated Steel Tape Armour, non-metallic strength member, gel filled tubes and a dry block core, for use in both direct bury and conduit/duct applications.

The Thixotropic gel filled tubes and water swellable yarns (dry core) prevent water ingress while the non-metallic glass fibre reinforced plastic central strength member maintains excellent tensile strength.

This loose tube construction features an outer termite/UV resistant Polyamide Nylon jacket and rodent resistant Corrugated Steel Tape Armour.

FEATURES & BENEFITS

- CST Corrugated Steel Tape Armour (rodent resistant)
- Blue UV and Insect/Termite Resistant Nylon (Polyamide) Jacket
- Black PE (Polyethylene) Inner sheath
- Polyester based rip cords for easy sheath removal
- Water blocking tape and swellable yarns prevent ingress into the core
- Thixotropic gel filled tubes prevent water ingress into the tubes
- Non-metallic fibre reinforced plastic rod central strength member provides tensile strength

PHYSICAL CHARACTERISTICS

Number of Fibres	2 to 72	96	144
Number of Fibres per Tube	up to 12		
Number of Elements	6	8	12
Tube/Filler Diameter (mm)	2.1		
Nominal Cable Diameter (mm)	14	15	18
Nominal Cable Weight (kg/km)	167	213	287
Max. Tensile Strength (kN)	2.5		
Max. Crush Resistance	3.0kN/100mm (Long Term)		
Min. Bending Radius	30 x cable OD Installation		15 x cable OD Long term
Temperature Range (°C)	Storage: -20° to 70°C	Installation: 0° to 50°C	Operation: -10° to 70°C
Central Strength Member	Glass Fibre Reinforced Plastic (GRP) . Non-metallic		
Waterblocking	Thixotropic Gel filled tubes Water swellable elements (dry core)		
Outer Jacket	Material: UV stabilised Polyamide Nylon. Colour: Blue		
Inner Sheath	Material: UV stabilised Polyethylene. Colour: Black		
Armour	Corrugated steel tape (rodent protection)		

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where shown, may not be to scale. Dimensions are metric and size maybe approximate. Where possible data sheets including MSDS are made available on our website and apps. All products should be installed and used in accordance to manufacturer's instruction provided. Warning: products may be subject of registered designs and patents. Refer to our website or apps for terms and conditions on warranty.

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IDENTIFICATION

Fibre & Buffer Colour Code Chart

No.	1	2	3	4	5	6	7	8	9	10	11	12
Colour	blue	orange	green	brown	grey	white	red	black	yellow	violet	pink	aqua

Fillers are either natural (opaque) or black, gel filled tubes (with no fibres) are also used.

OPTICAL CHARACTERISTICS - MULTIMODE GRADED INDEX

Compliant with the following standards:	AS/NZS 3080, ISO/IEC 11801, IEC 60793-2-50, ITU-T G652.D		
Optical Properties			
Fibre Type	OM1	OM3	OM4
ITU-T Standard	N/A	G651.1	
Core Diameter	62.5um	50um	
Cladding Diameter	125um		
Buffer Diameter	250um		
Max. Attenuation of Cable			
@ 850nm	3.2dB/km	2.7dB/km	2.5dB/km
@ 1300nm	1.0dB/km	0.8dB/km	0.7dB/km

ORDERING INFORMATION

Number of Cores	OM1	OM3	OM4
6	CAB-LT-06-MMCST	CAB-LT-06-MM3CST	CAB-LT-06-MM4CST
12	CAB-LT-12-MMCST	CAB-LT-12-MM3CST	CAB-LT-12-MM4CST
24	CAB-LT-24-MMCST	CAB-LT-24-MM3CST	CAB-LT-24-MM4CST