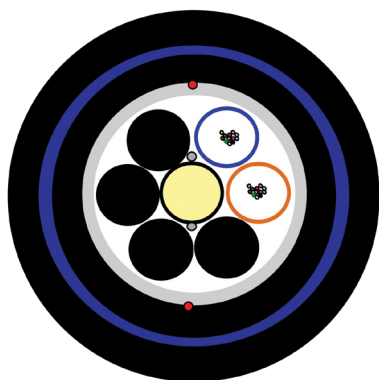


Sacrificial Sheath Loose Tube Cable - Singlemode



PRODUCT INFORMATION

A Termite resistant loose tube cable featuring a sacrificial jacket, 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 Sacrificial Sheath loose tube construction features an inner UV resistant Polyethylene (PE) sheath under a termite/insect resistant Polyamide Nylon jacket with an outer UV resistant Polyethylene (PE) sacrificial sheath.

Other options include standard loose tube, Composite (MM + SM) and CST Armour.

FEATURES & BENEFITS

- Blue UV and Insect/Termite resistant Nylon (Polyamide) Jacket
- Black PE (Polyethylene) UV resistant 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)	12	14	16
Nominal Cable Weight (kg/km)	115	151	208
Max. Tensile Strength (kN)	2.0		
Max. Crush Resistance	1.0kN/100mm (Long Term)		
Min. Bending Radius	20 x cable OD Installation 10 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 Sac Sheath	Material: UV stabilised Polyethylene. Colour: Black		
Outer Jacket	Material: UV stabilised Polyamide Nylon. Colour: Blue		
Inner Sheath	Material: UV stabilised Polyethylene. Colour: Black		

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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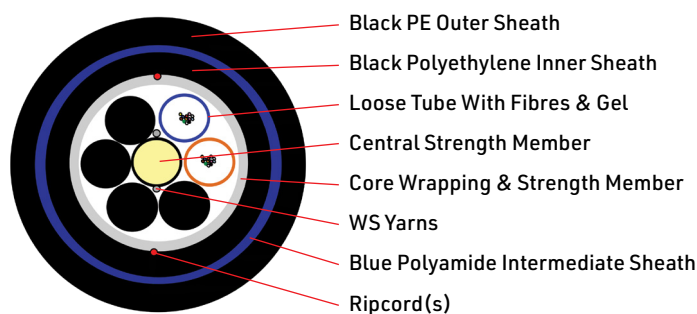
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IDENTIFICATION

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 - SINGLEMODE LOW WATER PEAK

Compliant with the following standards:	AS/NZS 3080, ISO/IEC 11801, IEC 60793-2-50, ITU-T G652.D	
Optical Properties		
Fibre Type	SM/OS2	
ITU-T Standard	G.652.D	
Mode Field Diameter	8.7 - 9.6um @1310nm	9.8 - 10.9um @1550nm
Cladding Diameter	125.0 +/- 0.7um	
Buffer Diameter	242 +/- 7um	
Max. Attenuation of Cable		
@ 1310nm	0.35dB/km	
@ 1383nm	0.35dB/km	
@ 1550nm	0.21dB/km	
@ 1625nm	0.24dB/km	

ORDERING INFORMATION

No. of Cores	SM/OS2	No. of Cores	SM/OS2
6	CAB-LT-06-SMSS	48	CAB-LT-48-SMSS
12	CAB-LT-12-SMSS	96	CAB-LT-96-SMSS
24	CAB-LT-24-SMSS	144	CAB-LT-144-SMSS