



SureLIGHT®

CLTGF DataGuard® (SWA) LSZH FireFighter®



Cable Design

Fibre Type	- Singlemode 9/125 µm - Multimode 50/125 µm - Multimode 62,5/125 µm
Loose Tube	PBT Gel filled with colour coded optical fibres
Strength Member	Glass yarns (swellable for longitudinal watertightness and as rodent protection)
Inner Jacket	FR-LSZH FireFighter®, UV-Stable
Thickness	1,0 ± 0,2 mm
Diameter	∅ 6,10 ± 0,5 mm
Colour	Black
Armour	DataGuard® Steel Wire Armour (DSWA)
Outer Jacket	FR-LSZH FireFighter®, UV-Stable
Thickness	1,30 mm nom.
Diameter	∅ 11,50 ± 1,0 mm
Colour	Black



Characteristics

- Indoor/Outdoor applications
- Mechanical protection
- Rodent Protection
- Direct Burial
- UV-Resistant
- Halogen Free and Flame Retardant



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Fire Performance

Flame Retardant**	IEC 60332-1-2, IEC 60332-3-22 (Cat.A), IEC 60332-3-24 (Cat.C)
Acid Gases	IEC 60754-1, IEC 60754-2
Smoke Density	IEC 61034-1, IEC 61034-2

** Cables are available with these flame tests. Please request at time of enquiry any specific flame retardant requirements you have.

Specification

Part Number	No. Of Fibres
1410*044CLT-01	4
1410*084CLT-01	8
1410*124CLT-01	12
1410*164CLT-01	16
1410*244CLT-01	24

* denotes fibre type required ; 1=62.5/125 | 2 = 50/125 OM2 | 3 = 50/125 OM3 | 4 = 50/125 OM4 | 8 = 9/125

Mechanical & Thermal Characteristics

Crush Test	3500	N
Pulling Tension	3500	N
Impact resistance Test	30	Nm (or 5 J)
Non water propagation	passed	
Bending Radius (min.)	Static	10 x Ø
	Dynamic	20 x Ø (load)
Temperature Range	Installation	-15 to+50 °C
	Operating	-20 to+70 °C
	Storage	-20 to+70 °C
Nominal Weight	210	kg/km

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