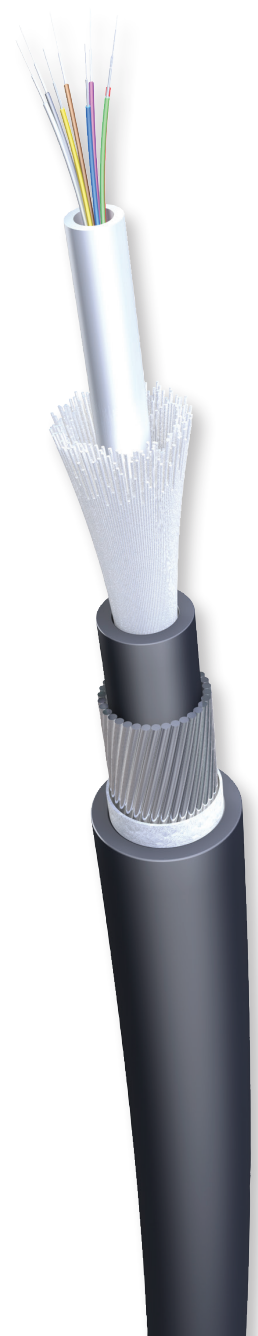


SureLIGHT®

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 Colour	FR-LSZH FireFighter®, UV-Stable Black
Armour	DataGuard® Steel Wire Armour (DSWA)
Outer Jacket Colour	FR-LSZH FireFighter®, UV-Stable 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	Loose Tube Ø [mm nom.]	Inner Jacket Diameter [mm ± 10 %]	Overall Diameter [mm ± 1,0]
1410*044CLT-01	4	3,40	6,10	11,50
1410*084CLT-01	8	3,40	6,10	11,50
1410*124CLT-01	12	3,40	6,10	11,50
1410*164CLT-01	16	4,55	7,80	12,50
1410*244CLT-01	24	4,55	7,80	12,50

* 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

Belcom Cables Ltd. ("Belcom") reserves the right to make changes to the product described in this specification without prior notice. Belcom does not assume any liability which may occur due to the use of the specification described herein. Drawings are not to scale unless otherwise specified and are provided for general and informational purposes only. All values represented in this specification should be used as a guide only and exact product details can be confirmed at point of enquiry.