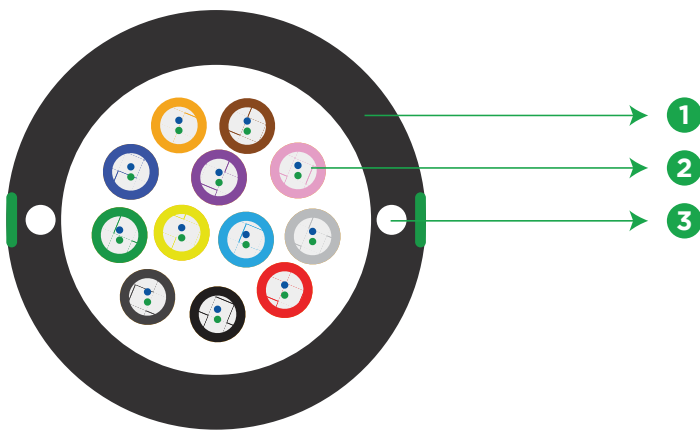


INDICIUM-LITE

Retractable Single Sheath OFC



1 BLACK HDPE OUTER SHEATH

2 PULLBACK MODULES WITH FIBRES & GEL

3 EMBEDDED STRENGTH MEMBER

** Typical Construction Diagram - Not to Scale*

Features & Benefits

- Available in Fibre types G.657.A2 & Stellar Fibre
- Reduced diameter micro- modules manufactured from soft and flexible elastomeric material
- Fibre micro-modules are kink resistant and easily removed without the need for tools
- Fast and easy midspan access
- Ultra-compactness, easier storage and faster installation

Product Details

STL Retractable Fibre Optic Cable is used for outdoor installation into ducts, constructed with color coded single mode /bend sensitive fibres placed in a thermoplastic tube/ module, protected by two embedded strength members for anti buckling property and are covered with outer sheath which makes the cable robust and installation friendly.

Cable Performance Standards

Cable complies to the following standards IEC 60793, IEC 60794, ITU-T, RoHS, REACH.

Printing Details

Printing : STERLITE SM FIBRE TYPE FIBER COUNT RETRACTABLE LASER SYMBOL TELEPHONE SYMBOL YEAR OF MANUFACTURING LENGTH CODE METER MARKING.

Note : The accuracy of marking shall be + 0.5%. Occasional loss of printing & remarking shall be as per Bell core GR 20 and this supersedes the earlier markings.

Specifications

Physical Characteristics	
Fibre Count	12-96
Fibre Type	Sterlite Stellar 250
Maximum Cabled Attenuation (dB/km)	1310nm : 0.36, 1550nm : 0.23
Link Design PMD (ps/sqrt.km)	</= 0.1
Color Sequence*	EIA/TIA 598C or VDE DIN
No. of Ripcords	2
Embedded Strength Members	FRP (Fibre Reinforced Plastic)
Outer Sheath Material	UV Proof Black Polyethylene with 2 Stripe Marking

Note: * - Other Color Sequences are also available.

Cable Characteristics							
Product Code	Fibre count	Fibre Per Module	No. of Tubes	Tube Color Sequence	Cable Diameter (mm) ±0.5mm	Cable Weight (kg/km) ± 10%	Tensile Strength Short Term (N)
L10012C106GAP100J9	12	2	6	Blue, Orange, Green, Brown, Slate,White	15.5	115	1000
L10024C112GAP100J9	24	2	12	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua	15.5	115	1000
L10048C124GAP100J9	48	2	24	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua	15.5	125	1000
L10096C124GAP100J9	96	2	24	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink, Aqua, Blue#, Orange#, Green#, Brown#, Slate#, White#, Red#, Black#, Yellow#, Violet#, Pink#, Aqua#	15.5	132	1000

#- Denotes stripe marking

Specifications

Mechanical & Environmental Characteristics		
Cable Characteristics	Cable Performance	Testing Standard
Tensile Strength (N)	As per above table	IEC-60794-1-21-E1
Crush Resistance (N/100 mm)	2000	IEC-60794-1-21-E3
Impact Strength (Nm)	3	IEC-60794-1-21-E4
Torsion	±180°	IEC-60794-1-21-E7
Min. Bend Radius	20 D	IEC-60794-1-21-E11
Kink Radius	15 D	IEC-60794-1-21-E18
Temperature Performance		IEC-60794-1-22-F1
Installation	-20° C to +60° C	
Operation	-20° C to +70° C	
Storage	-20° C to +70° C	

Note: All tests shall be carried out as per IEC standards. Change in attenuation after and before testing shall be ≤ 0.1 dB for Single Mode fibre.

Packing and Lengths

Drum Type	Length Multiple (km)	Order Tolerance	Short Lengths
Wooden Drums	2 ± 5%	±5%	Max 20%, Customer Approval

For additional information please contact your sales representative.

You can also visit our website at www.stl.tech