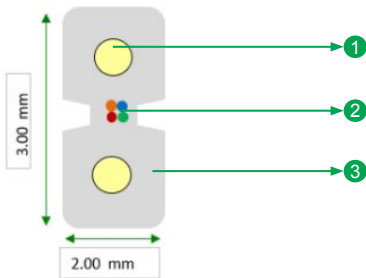


Drop-Lite™

Easy Strip Flat Cable

1~4FO Indoor Flat drop cable -FRP



① EMBEDDED STRENGTH MEMBER

② OPTICAL FIBER UNIT

③ LSZH OUTER SHEATH

* Typical Construction Diagram - Not to Scale

Features & Benefits

- Novel flute design, easily strip and splice, simplify the installation and maintenance
- The construction with LSZH jacket.
- Easily removable rugged thermoplastic jacket, with UV protection
- Flexible, light weight, easy to handle and install

Product Details

Sterlite Tech™ Drop-LITE™ Easy Strip Flat Cable is an enhanced performance FTTH solution, construct with single mode /bend sensitive fibres, protected by two strength members and covered with outer sheath which makes the cable robust and installation friendly. This cable is very light and easy to install and strip. Industry standard connectors can be used for direct termination because of standard 250µm fibre size. Low Smoke Zero Halogen Compound Jacket is appropriate for indoor use.

Fibres and Cable Performance Standards

The cables performances comply with or exceed the requirements from the following standards IEC 60793-2-50, IEC 60794-3-10, ITU-T G652 and/or G657, RoHS, REACH, ANSI/TIA-492 Series, ANSI/TIA-568.3-E.

Printing Details

STERLITE SM "FIBER TYPE" "FIBER COUNT" EASY STRIP INDOOR OFC LASER SYMBOL TELEPHONE SYMBOL MONTH & YEAR OF MANUFACTURE" "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.
- Any other cable printing can be customized based on customer request and agreement.

Specifications

Physical Characteristics

Maximum Cabled Fibre Attenuation (dB/km)	1310nm: ≤ 0.40 & 1550nm: ≤ 0.30 & 1625nm: ≤ 0.35		
Embedded Strength Elements	Fibre Reinforced Plastic (FRP) x 2 Numbers	Steel Wire (SW) x 2 Numbers	Aramid Reinforced Plastic (ARP) x 2 Numbers
Outer Jacket Material	UV Protected White, LSZH		

Fiber Color Sequence (to be defined)¹

Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Turquoise
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Notes ¹: Other fibres colour sequences are available on demand, prior approval.

Cable Designs FRP

Product Code	Fiber Count	Fiber Color	Cable Diameter (Height X Width) +/- 0.2 mm	Cable Weight Kg/Km(± 10%)
FB0001S201NTL10000	1	Blue	2.0 x 3.0	8
FB0002S201NTL10000	2	Blue, Orange	2.0 x 3.0	8
FB0004S201NTL10000	4	Blue, Orange, Green, Brown	2.0 x 3.0	8

Cable Designs SW

Product Code	Fiber Count	Fiber Color	Cable Diameter (Height X Width) +/- 0.2 mm	Cable Weight Kg/Km(± 10%)
FB0001S201NTL10200	1	Blue	2.0 x 3.0	8
FB0002S201NTL10200	2	Blue, Orange	2.0 x 3.0	8
FB0002S201NTL10200	4	Blue, Orange, Green, Brown	2.0 x 3.0	8

Cable Designs SW

Product Code	Fiber Count	Fiber Color	Cable Diameter (Height X Width) +/- 0.2 mm	Cable Weight Kg/Km(± 10%)
FB0001S201NTL10100	1	Blue	2.0 x 3.0	8
FB0002S201NTL10100	2	Blue, Orange	2.0 x 3.0	8
FB0002S201NTL10100	4	Blue, Orange, Green, Brown	2.0 x 3.0	8

Specifications

Mechanical & Environmental Characteristics

Cable Characteristics	Testing Standard Method	Cable Performance
Tensile Strength (N)	IEC-60794-1-21-E1	100N
Crush Resistance (N/mm)	IEC-60794-1-21-E3	500 N/100 mm
Impact Strength (Nm)	IEC-60794-1-21-E4	1Nm @ 1 impact
Torsion	IEC-60794-1-21-E7	±180°
Min. Bend Radius	IEC-60794-1-21-E11	15 D (15 x 3) mm
Min. Bend Radius (After Installation)	IEC-60794-1-21-E11	10 D
Temperature Performance	IEC-60794-1-22-F1	Max. change in attenuation shall be <=/= 0.15 dB/km
Installation		-10° C to +60° C
Operation & Storage		-20°C to +70°C

Note: Change in attenuation after and before testing shall be <=/= 0.1 dB/km.

Packing and Lengths

Packing Type	Length Multiple (km)	Order Tolerance	Short Lengths
Cable reel shall be taken on plywood spool & Packing details shall be attached to spool outer side	1 ± 5% (For All Fiber Counts)	± 5%	Max 5%, Customer Approval

Ordering Information

Optical fiber cable in other fiber types may be available on request, please create product code from the table below. Cable complies to the following standards IEC 60793, ANSI/ICEA S-87-640, Telcordia GR-20, ITU-T, RoHS, REACH.

Product type		Fibre count (0004 – 0024)				Fibre type		No. of active tubes/bundles (01-24)		Tube/Bundle	Tube/Cor e type	Jacket type		Running number		*Special Requirement					
		1				2		3								4					
F	B	-	-	-	-	-	-	0	1	N	T	L	1	X	X	X	X	X	-	-	-

Create the desired Product Code following the instructions below:

- Select fibre count by indicating the corresponding number from 0001 to 0004
- Select fibre code corresponding to requested fibre type among following options.

Fibre code		Product Type (ITU-T)	STL's Fibre Name*
S	3	G.652.D	OH-LITE
S	1	G.657.A1	BOW-LITE
S	N	G.657.A1/G.652.D	OH-LITE NOVA
S	2	G.657.A2	BOW-LITE (E)
C	1	G.657.A2/G.652.D	STELLAR

*Click on fiber name to view fiber specs.

- Select number of active tubes/bundles by indicating the corresponding number from 01
- Special Requirement

Code					Core Type
					Standard Black Sheath
-	-	-	-	-	

*Special code for special requirement shall be defined by STL as per customer requirement

Examples

2F Easy Strip Indoor <G657A2> 2F OFC (Standard)

F	B	0	0	0	2		S	2	0	1	N	T	L	1	X	X	X	X			
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For additional information please contact your sales representative.

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

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