

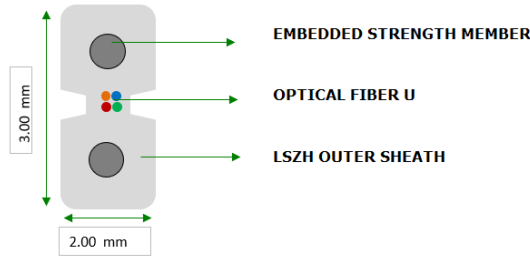
# Specification sheet

**Product Name** : Easy-Strip FO Indoor Flat Drop cable  
**Local description** : 1~4FO Indoor Flat drop cable -SW

## 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.

## Construction Diagram



\* 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

## Specifications

Physical Characteristics	
Maximum Cabled Fibre Attenuation (dB/km)	1310nm: ≤ 0.40 & 1550nm: ≤ 0.30 & 1625nm: ≤ 0.35
PMD Individual (ps/vkm)	≤ 0.02
Embedded Strength Elements	Steel Wire (SW) x 2 Numbers
Outer Jacket Material	UV Protected White, LSZH

### Fibres Color Sequence (to be defined)<sup>1</sup>

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

## Cable Designs

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
FB0004S201NTL10200	4	Blue, Orange, Green, Brown	2.0 x 3.0	8

## Mechanical & Environmental Characteristics

Cable Characteristics	Testing Standard	Cable Performance
Tensile Strength (N)	IEC-60794-1-21-E1	200N
Crush Resistance (N/mm)	IEC-60794-1-21-E3	1000 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
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.



## Specification sheet

### 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.

### Packing and Lengths

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

### Printing Details

Printing	: STERLITE SM "FIBER TYPE" "FIBER COUNT" EASY STRIP INDOOR OFC LASER SYMBOL TELEPHONE SYMBOL MONTH & YEAR OF MANUFACTURE" "LENGTH CODE" "METER MARKING"
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- 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.

### Product Ordering Information for Cables

Product Type	Fibre count (0004 – 0024)				Fibre type		No. of active tubes/bundles (01-24)		Tube/Bundle	Tube/Core type	Jacket type		"Running number"		*Special Requirement					
	1				2		3				L		1		4					
F	B	-	-	-	-	-	-	0	1	N	T	L	1	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.
- Select number of active tubes/bundles by indicating the corresponding number from **01**
- Special Requirement

Fibre code	Fibre type (ITU-T)	STL's Fibre Name*
<b>S</b>	<b>3</b>	G.652.D <a href="#">OH-LITE</a>
<b>S</b>	<b>1</b>	G.657.A1 <a href="#">BOW-LITE</a>
<b>S</b>	<b>N</b>	G.657.A1/G.652.D <a href="#">OH-LITE NOVA</a>
<b>S</b>	<b>2</b>	G.657.A2 <a href="#">BOW-LITE (E)</a>
<b>C</b>	<b>1</b>	G.657.A2/G.652.D <a href="#">STELLAR</a>

\*Click on fiber name to view fiber specs.

Special Requirement code	Special Requirement Description
- - - - -	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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