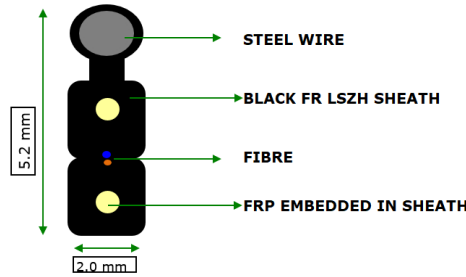


Product Name : Easy-Strip Fig8 I_O SJ 2 A2_FO Outdoor Indoor Flat Drop cable
Local description : 1~2FO Outdoor/Indoor Easy-Strip Fig8 Flat drop cable-FRP

Product Details

STL Easy Strip Fig.8 flat drop Indoor/Outdoor Fibre Optic Cable is an enhanced performance FTTH solution for the drop network segment. It consists of 1 or 2 bend insensitive fibres protected by two Fiber Reinforced Plastic (FRP) strength elements and a steel messenger wire. The 2 FRP and the fibres are embedded in an outer jacket made of LSZH material indented at the fibre's location, and the messenger wire is jointed to the small side of the cable in a typical figure 8 constructions.

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/√km)	≤ 0.02
Embedded Strength Elements	Fiber Reinforced Plastic (FRP) x 2 Numbers
Messenger Wire	Steel wire x 1 Numbers
Outer Jacket Material	UV Proof Black, LSZH

Fibres Color Sequence (to be defined)¹



Notes: ¹Other 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%)
FA0001S201NTL10000	1	Blue	2.0 x 5.2	16
FA0002S201NTL10000	2	Blue, Orange	2.0 x 5.2	16

Mechanical & Environmental Characteristics

Cable Characteristics	Testing Standard	Cable Performance
Tensile Strength (N)	IEC-60794-1-21-E1	600
Crush Resistance (N/mm)	IEC-60794-1-21-E3	500 N/100 mm
Impact Strength (Nm)	IEC-60794-1-21-E4	5Nm @ 1 impact
Torsion	IEC-60794-1-21-E7	±180°
Min. Bend Radius	IEC-60794-1-21-E11	15 D (15 x 5.2) 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		-30° C to +70° C

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

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 : Ply Spool on Pallet
- 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 FIG 8 OUTDOOR OFC LASER SYMBOL TELEPHONE SYMBOL MONTH & YEAR OF MANUFACTURE" "LENGTH CODE" "METER MARKING"

- Note** :
1. 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.
 2. 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								4				
F	A	-	-	-	-	-	-	0	1	N	T	L	1	X	X	X	X	-	-	-

- 1** Select fibre count by indicating the corresponding number from **0001** to **0002**
- 2** Select fibre code corresponding to requested fibre type among following options.
- 3** Select number of active tubes/bundles by indicating the corresponding number from **01**
- 4** Special Requirement

Fibre code	Fibre 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.

Special Requirement code	Special Requirement Description
- - - - -	Standard Black Sheath

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

Examples:

1F Easy Strip Fig.8 I/O <G657A2> 2F OFC

F	A	0	0	0	1		S	2	0	0	N	T	L	1	X	X	X	X				
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