Flat Drop cable

Easy-Strip Fig 8
1~2FO Outdoor/Indoor Easy-Strip Fig 8 Flat drop cable-ARP/FRP/SW

1 EMBEDDED STRENGTH MEMBER	**2** OPTICAL FIBER UNIT
3 LSZH OUTER SHEATH	
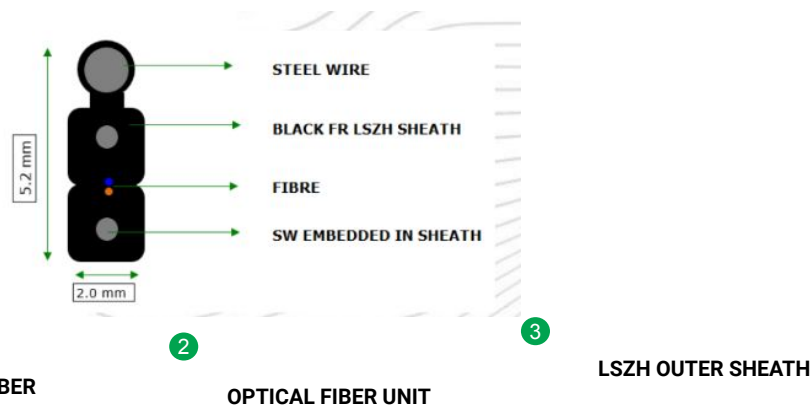
* Typical Construction Diagram - Not to Scale

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

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 Aramid Reinforced Plastic (ARP)/ Fiber Reinforced / Steel Wire strength elements and a steel messenger wire. The 2 ARP 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.

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.

Printing Details

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.

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	Aramid Reinforced Plastic (FRP) x 2 Numbers	Fiber Reinforced Plastic (FRP) x 2 Numbers	Steel Wire (SW) x 2 Numbers
Messenger Wire	Steel wire x 1 Numbers		
Outer Jacket Material	UV Proof Black, LSZH		

Fiber Color Sequence (to be defined)[1]

| Blue | Orange | Green | Brown | Grey | White | Red | Black | Yellow | Violet | Pink | Turquoise |

Notes [1]: Other fibres colour sequences are available on demand, prior approval.

Cable Designs(ARP)				
Product Code	Fiber Count	Fiber Color	Cable Diameter (Height X Width) +/- 0.2 mm	Cable Weight Kg/Km(± 10%)
FA0001S201NTL10100	1	Blue	2.0 x 5.2	16
FA0002S201NTL10100	2	Blue, Orange	2.0 x 5.2	16

FRP Cable Designs(FRP)				
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
FA0002S201NTL10100	2	Blue, Orange	2.0 x 5.2	16

Cable Designs(SW)				
Product Code	Fiber Count	Fiber Color	Cable Diameter (Height X Width) +/- 0.2 mm	Cable Weight Kg/Km(± 10%)
FA0001S201NTL10200	1	Blue	2.0 x 5.2	20
FA0001S201NTL10200	2	Blue, Orange	2.0 x 5.2	20

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Specifications

Mechanical & Environmental Characteristics		
Cable Characteristics	**Testing Standard Method**	**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	±180º
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		-10º C to +60º C
Operation & Storage		-30ºC to +70ºC

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
Ply Spool on Pallet	1 ± 5% (For All Fiber Counts)	± 5%	Max 5%, Customer Approval

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	-	-

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

Create the desired Product Code following the instructions below:

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

Code					Core Type
					Standard Black Sheath
-	-	-	-	-	

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.

Examples

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

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

For additional information please contact your sales representative.

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

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