FTTH Drop Cable G657A1 1 core ,LSZH , FRP Strength member.

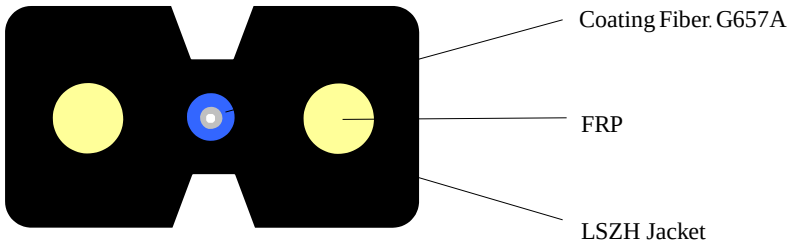
Description:

The FTTH Optical fiber drop cable is positioned in the centre, Two parallel Reinforced (FRP) are placed at the two sides. Then, the cable is completed with a black or color LSZH sheath.

Characteristics:

- Special low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission property.
- Two parallel FRP strength members ensure good performance of crush resistance to protect the fiber.
- Simple structure, light weight and high practicability.
- Novel flute design, easily strip and splice, simplify the installation and maintenance.
- Low smoke, zero halogen and flame retardant sheath.

Profile View



Fiber Parameters:

No.	Items		Unit	Specification
				G.657A1
1	Mode Field Diameter	1310nm		9.0±0.4
		1550nm		10.1±0.5
2	Cladding Diameter		μm	124.8±0.7
3	Cladding Non-Circularity		%	□0.7
4	Core-Cladding Concentricity Error		μm	□0.5
5	Coating Diameter		μm	245±5
6	Coating Non-Circularity		%	□6.0
7	Cladding-Coating Concentricity Error		μm	□12.0
8	Cable Cutoff Wavelength		nm	λ_{cc}□1260
9	Attenuation(max.)	1310nm	dB/km	□0.35
		1550nm	dB/km	□0.21
10	Macro-Bending Loss	1turn×10mm radius@1550nm	dB	□0.75
		1turn×10mm radius@1625nm	dB	□1.5

OPTICAL FIBER CABLE SPECIFICATION

Cable Parameters:

Items		Specifications
Fiber Count		1
Colored Coating Fiber	Dimension	250±15μm
	Color	White
Jacket	Dimension	（2.0±0.1）mm×（3.1±0.1）mm
	Material	LSZH
	Color	Black
Strength Member		FRP

Mechanical and Environmental Characteristics:

Items	Unit	Specifications
Tension（Long Term）	N	100
Tension（Short Term）	N	200
Crush（Long Term）	N/10cm	1000
Crush（Short Term）	N/10cm	2200
Min. Bend Radius（Dynamic）	mm	30
Min. Bend Radius（Static）	mm	15
Installation Temperature	℃	-20～+60
Operating Temperature	℃	-20～+60
Storage Temperature	℃	-20～+60

Fiber Optic Patch Cord Drop Cable

SC/APC-SC/APC SMF G657A1 Simplex 3.0*2.0mm LSZH 3M

Connector	A1	A2	B1	B2
Insertion Loss	0.09 dB	0.10 dB	-	-
Return Loss	66.0 dB	66.8 dB	-	-