

FTTH Drop Patchcords

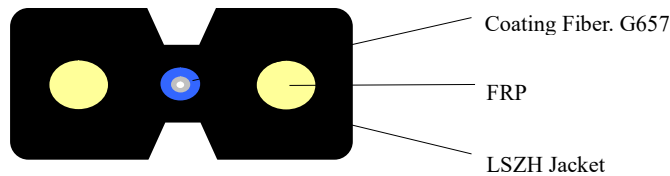
Description:

The FTTH Optical fiber drop cable is positioned in the center, two Parallel Reinforcements (FRP) are placed on the sides. 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 practicality.
- 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	G.657B3
1	Mode Field Diameter	1310nm		9.0±0.4	9.8±0.4
		1550nm		10.1±0.5	9.8±0.5
2	Cladding Diameter		µm	124.8±0.7	124.8±0.7
3	Cladding Non-Circularity		%	≤0.7	≤0.7
4	Core-Cladding Concentricity Error		µm	≤0.5	≤0.5
5	Coating Diameter		µm	245±5	245±5
6	Coating Non-Circularity		%	≤6.0	≤6.0
7	Cladding-Coating Concentricity Error		µm	≤12.0	≤12.0
8	Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$	$\lambda_{cc} \leq 1260$
9	Attenuation(m ax.)	1310nm	dB/k m	≤0.35	≤0.35
		1550nm	dB/k m	≤0.21	≤0.21
10	Macro-Bending Loss	1turn×10mm radius @1550nm	dB	≤0.75	≤0.75
		1turn×10mm radius @1625nm	dB	≤1.5	≤1.5

Cable Parameters:

Items		Specifications
Fiber type		G657B3
Colored Coating Fiber	Dimension	250±15µm
	Color	Blue
Jacket	Dimension	(2.0±0.1) mm× (3.1±0.1) mm
	Material	LSZH(Anti-UV)
	Color	White
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	°C	-20~+60
Operating Temperature	°C	-20~+60
Storage Temperature	°C	-20~+60

