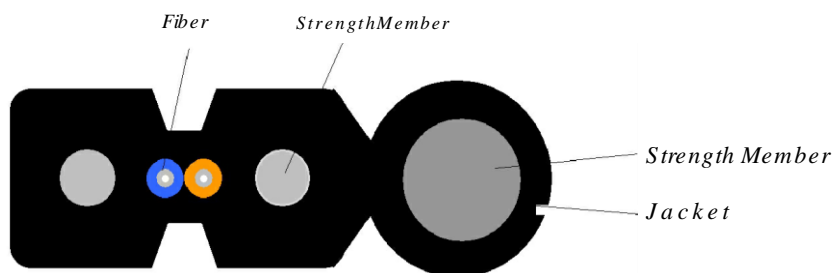


FTTH Outdoor Drop Cable



BRIEF DESCRIPTION

- ❖ The structure is 1-12 coloured fibers combined with two FRP + One Steel Wire.
- ❖ Special low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission properly.
- ❖ Two parallel 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.
- ❖ Black colour for outdoor use, LZSH material for jacket, can also be upon request.



PARAMETERS

NO	ITEM		SPECIFICATION	
			G.657A	
1	Cladding Diameter (μm)		125 \pm 0.7	
2	Cladding non-circularity (%)		\leq 0.7	
3	Core-cladding concentricity error (μm)		\leq 0.5	
4	Mode field Diameter @ 1310 (μm)		9.0 \pm 0.4	
5	Cladding-coating concentricity error (μm)		\leq 12.0	
6	Coating Diameter (μm)		245 \pm 5	
7	Fiber Cut off Wavelength (nm)		$\lambda_{\text{ccf}} \leq 1260$	
8	Attenuation(max.)	1310nm	1625nm	
	(dB/km)	1550nm	\leq 0.21	
9	BendLoss(dB)	BendRadius	10	15
		BendTurns	1	10
		1550nm	\leq 0.75	\leq 0.25
		1625nm	\leq 1.5	\leq 1.0

5.0*2.0mm 2-Fiber Outdoor FTTH Cable



Cable Parameters

※ <i>Mechanical and Environmental Characteristics</i>		Specifications
Fiber Count		2
Colored Coating Fiber	Dimension	250±15μm
	Color	Blue/Orange
Jacket	Dimension	(5.0±0.1) mm × (2.0±0.1) mm
	Material	LSZH
	Color	Black
Strength Member		Steel Wire Φ0.50mm×2+Steel Wire Φ1.0mm

Mechanical and Environmental Characteristics

Items	Unit	Specifications
Tension (Long Term)	N	300
Tension (Short Term)	N	600
Crush (Long Term)	N/10cm	1000
Crush (Short Term)	N/10cm	2200
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Operating Temperature	°C	-20 ~ +60