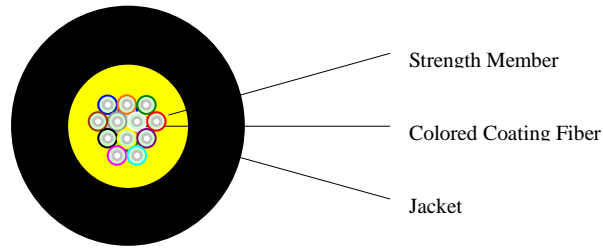


DROP LEXI FTTH - 12 core singlemode cable

Profile View



Fiber Parameters

No.	Items	Unit	Specification	
			G.657A1	
1	Mode Field Diameter	1310nm	μm	9.0 ± 0.4
		1550nm	μm	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	$\lambda_{cc}\leq 1260$	
9	Attenuation(max.)	1310nm	dB/km	≤ 0.36
		1550nm	dB/km	≤ 0.25
10	Macro-Bending Loss	1turn \times 10mm radius @1550nm	dB	≤ 0.75
		1turn \times 10mm radius @1625nm	dB	≤ 1.5

Cable Parameters

Items		Specifications
Fiber Count		12
Colored Coating Fiber	Dimension	$250\mu\text{m}\pm 15\mu\text{m}$
	Color	Blue, Orange, Green, Brown, Gray, Natural, Red, Black, Yellow, Purple, Pink, Aqua
Strength Member		Kevlar
Jacket	Dimension	$3.0\text{mm}\pm 0.1\text{mm}$
	Material	LSZH
	Color	UV Black

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	300
Tension (Short Term)	N	600
Crush (Long Term)	N/10cm	300
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	$^{\circ}\text{C}$	$-20\sim +60$
Operating Temperature	$^{\circ}\text{C}$	$-40\sim +70$
Storage Temperature	$^{\circ}\text{C}$	$-40\sim +70$