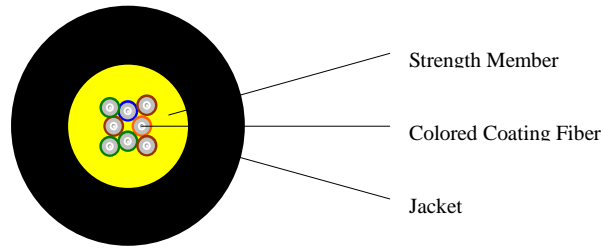


DROP LEXI FTTH - 8 core singlemode cable

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×10mm radius @1550nm	dB	≤0.75
		1turn×10mm radius @1625nm	dB	≤1.5

Cable Parameters

Items		Specifications
Fiber Count		8
Colored Coating Fiber	Dimension	250 μm ±15 μm
	Color	Blue, Orange, Green, Brown, Gray, Natural, Red, Black
Strength Member		Kevlar
Jacket	Dimension	3.0mm±0.1mm
	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	°C	-20~+60
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70