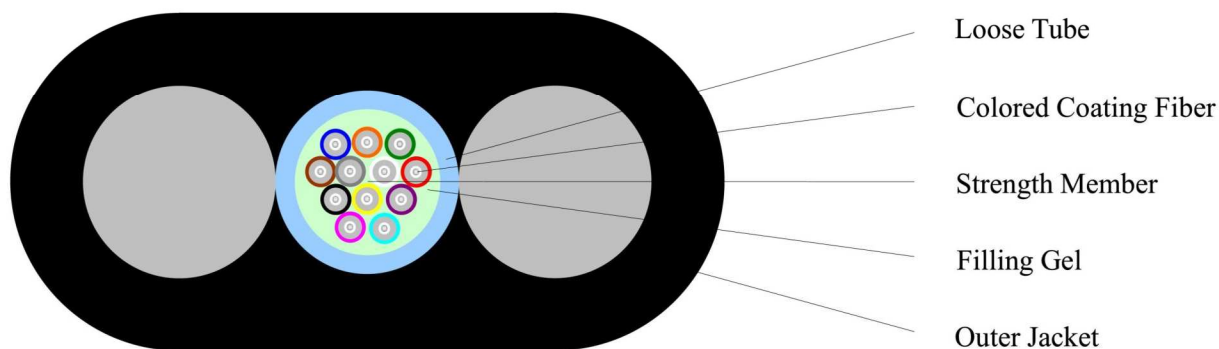




12x fiber central tube flat drop outdoor cable

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	≤ 0.4
		1550nm	dB/km	≤ 0.3
10	Macro-Bending Loss	1turn×10mm radius @1550nm	dB	≤ 0.75
		1turn×10mm radius @1625nm	dB	≤ 1.5

Cable Parameters

Items	Specifications	
Fiber Count	12	
Colored Coating Fiber	Dimension	$250\pm 15\mu\text{m}$
	Color	Blue、 Orange、 Green、 Brown、 Gray、 Natural、 Red、 Black、 Yellow、 Purple、 Pink、 Aqua
Loose Tube	Dimension	$1.95\pm 0.05\text{mm}$
	Material	PBT
	Color	Natural

Strength Member	Dimension	2.0mm
	Material	FRP
	Color	Natural
Outer Jacket	Dimension	(8.0±0.3) mm × (4.0±0.2) mm
	Material	PE
	Color	Black

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	600
Tension (Short Term)	N	1500
Crush (Long Term)	N/10cm	1000
Crush (Short Term)	N/10cm	3000
Min. Bend Radius (Dynamic)	mm	350
Min. Bend Radius (Static)	mm	180
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70