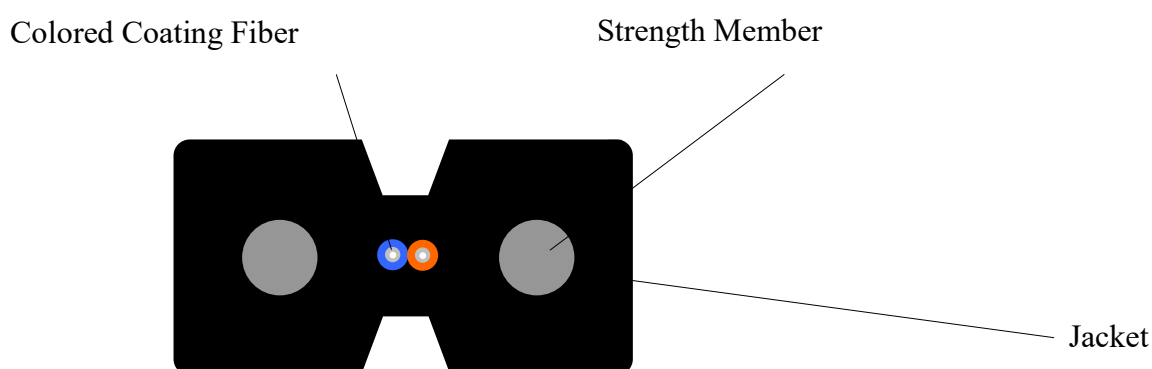




ANSEC

Indoor Drop Cable 2FO 2x0.5FRP, Single mode G.657A1 LSZH, White



Fiber Parameters

Items		Unit	Specification
			G.657A1
Mode Field Diameter	1310nm	μm	9.0 \pm 0.4
	1550nm	μm	10.1 \pm 0.5
Cladding Diameter		μm	124.8 \pm 0.7
Cladding Non-Circularity		%	\leq 0.7
Core-Cladding Concentricity Error		μm	\leq 0.5
Coating Diameter		μm	245 \pm 5
Coating Non-Circularity		%	\leq 6.0
Cladding-Coating Concentricity Error		μm	\leq 12.0
Cable Cutoff Wavelength		nm	$\lambda_{\text{cc}} \leq 1260$
Attenuation(max.)	1310nm	dB/km	\leq 0.4
	1550nm	dB/km	\leq 0.3
Macro-Bending Loss	1turn \times 10mm radius @1550nm	dB	\leq 0.75
	1turn \times 10mm radius @1625nm	dB	\leq 1.5

Cable Parameters

Items		Specifications
Fiber Count		2
Colored Coating Fiber	Dimension	250±15µm
	Color	Blue / Orange
Strength Member	Dimension	0.5mm
	Material	FRP
Jacket	Dimension	3.0±0.1mm×2.0±0.1mm
	Material	LSZH
	Color	White/Black

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	40
Tension (Short Term)	N	80
Crush (Long Term)	N/10cm	500
Crush (Short Term)	N/10cm	1000
Min. Bend Radius (Dynamic)	mm	30
Min. Bend Radius (Static)	mm	15
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70

