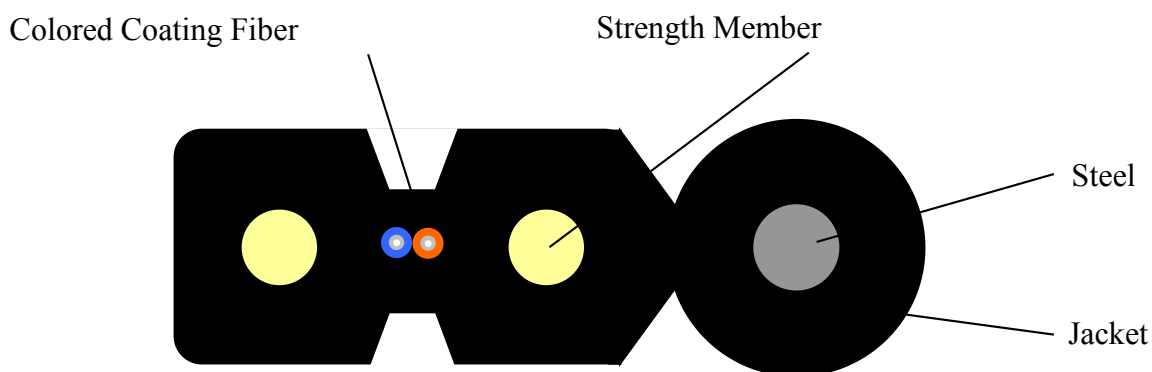




ANSEC

Outdoor Drop Cable 2FO 2x0.5FRP+1.0mm Steel Wire, Single mode G.657A1 LSZH



Fiber Parameters

Items		Unit	Specification
			G.657A1
Mode Field Diameter	1310nm	μm	8.6±0.4
	1550nm	μm	9.8±0.5
Cladding Diameter		μm	125±0.7
Cladding Non-Circularity		%	≤0.7
Core-Cladding Concentricity Error		μm	≤0.5
Coating Diameter		μm	242±5
Coating Non-Circularity		%	≤6.0
Cladding-Coating Concentricity Error		μm	≤12.0
Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
Attenuation(max.)	1310nm	dB/km	≤0.35
	1550nm	dB/km	≤0.20
Macro-Bending Loss	1turn×10mm radius @1550nm	dB	≤0.5
	1turn×10mm radius @1625nm	dB	≤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
Self-Supporting Member	Dimension	1.0mm
	Material	Steel
Jacket	Dimension	5.2±0.2mm×2.1±0.1mm
	Material	LSZH
	Color	Black

Mechanical and Environmental Characteristics

Items	Unite	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
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70

