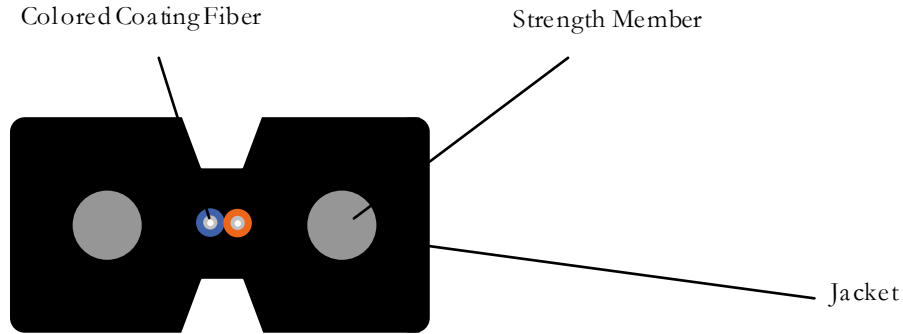


## 2-FIBERS DROP CABLE

### PROFILE VIEW



### FIBER PARAMETERS

№.	Items	Unit	Specification	
			G.657A1	
1	Mode Field Diameter	1310nm	$\mu\text{m}$	$9.0\pm 0.4$
		1550nm	$\mu\text{m}$	$10.1\pm 0.5$
2	Cladding Diameter	$\mu\text{m}$	$124.8\pm 0.7$	
3	Cladding Non - Circularity	%	$\leq 0.7$	
4	Core - Cladding Concentricity Error	$\mu\text{m}$	$\leq 0.5$	
5	Coating Diameter	$\mu\text{m}$	$245\pm 5$	
6	Coating Non - Circularity	%	$\leq 6.0$	
7	Cladding - Coating Concentricity Error	$\mu\text{m}$	$\leq 12.0$	
8	Cable Cutoff Wavelength	nm	$\lambda_{cc}\leq 1260$	
9	Attenuation(max.)	1310nm	dB/km	$\leq 0.4$
		1550nm	dB/km	$\leq 0.3$
10	Macro-Bending Loss	1turn $\times$ 10mm radius @1550nm	dB	$\leq 0.75$
		1turn $\times$ 10mm radius @1625nm	dB	$\leq 1.5$

### CABLE PARAMETERS

Items		Specification
Fiber Count		2
Colored Coating Fiber	Dimension	$250\pm 15\mu\text{m}$
	Color	Blue, Orange
Strength Member	Dimension	0.45mm
	Material	FRP
Jacket	Dimension	$3.0\pm 0.1\text{mm}\times 2.0\pm 0.1\text{mm}$
	Material	LSZH
	Color	BLACK

## MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Items	Unite	Specifications
Tension (Long Term)	N	100
Tension (Short Term)	N	200
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

## ORDER INFORMATION

PN	Description
CFO-0255	OPTICAL CABLE DROP G.657A1, 2H SINGLEMODE