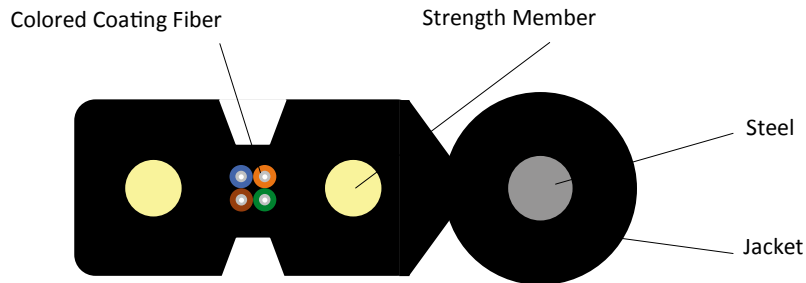


4-FIBER SELF-SUPPORTING COVERED WIRE CABLE

PROFILE VIEW



FIBER PARAMETERS

No.	Items	Unit	Specification	
			G.657A2	
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		4
Colored Coating Fiber	Dimension	$250\pm 15\mu\text{m}$
	Color	Blue, Orange, Green, Brown
Strength Member	Dimension	0.5mm
	Material	Steel
Self-Supporting Member	Dimension	1.2mm
	Material	Steel
Jacket	Dimension	$5.2\pm 0.2\text{mm}\times 2.0\pm 0.1\text{mm}$
	Material	LSZH
	Color	Black

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Items	Unite	Specifications
Tension (Long Term)	N	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

ORDER INFORMATION

P/N	Description
CFO-0254	Optical Cable Drop G.657a2, 4h Singlemode F8