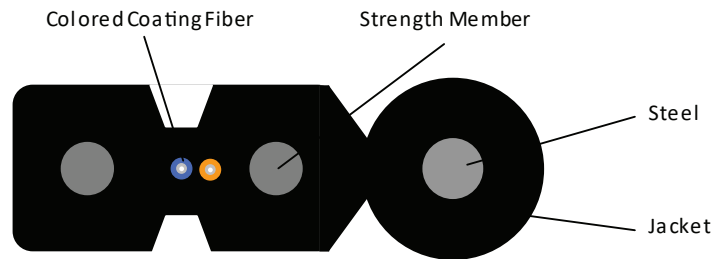


## 2-fiber Self-Supporting Covered Wire Cable



### FIBER PARAMETERS

No.	Items		Unit	Specification
				G.657A2
1	Mode Field Diameter	1310nm	$\mu\text{m}$	$8.8\pm 0.4$
		1550nm	$\mu\text{m}$	$9.8\pm 0.5$
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	$\leq 0.35$
		1550nm	dB/km	$\leq 0.21$
10	Macro - Bending Loss	1turn $\times$ 7.5mm radius @1550nm	dB	$\leq 0.5$
		1turn $\times$ 7.5mm radius @1625nm	dB	$\leq 1.0$

### CABLE PARAMETERS

Items		Specifications
Fiber Count		2
Colored Coating Fiber	Dimension	$250\pm 15\mu\text{m}$
	Color	Blue/Orange
Strength Member	Dimension	0.45mm
	Material	Steel Wire
Self-Supporting Member	Dimension	1.0mm
	Material	Phosphatized Steel Wire
Jacket	Dimension	$5.0\pm 0.2\text{mm} \times 2.1\pm 0.1\text{mm}$
	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