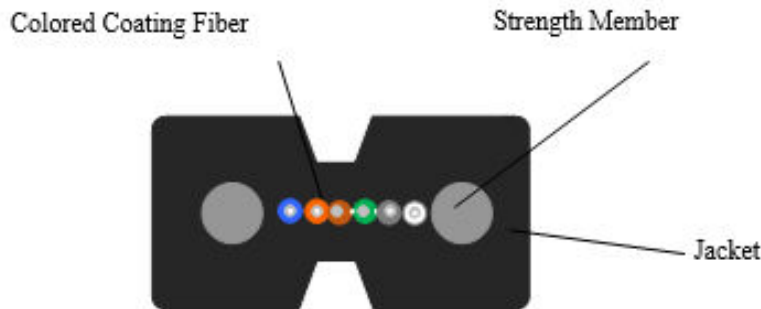


6-fiber Covered Wire Cable



2. Fiber Parameters

No.	Items		Unit	Specification
				G.657A2 Corning Fiber
1	Mode Field Diameter	1310nm	μm	8.8 ± 0.4
		1550nm	μm	9.8 ± 0.5
2	Cladding Diameter		μm	125.0 ± 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	≤ 0.40
		1550nm	dB/km	≤ 0.30
10	Macro-Bending Loss	1turn \times 7.5mm radius @1550nm	dB	≤ 0.5
		1turn \times 7.5mm radius @1625nm	dB	≤ 1.0

3. Cable Parameters

Items		Specifications
Fiber Count		6
Colored Coating Fiber	Dimension	$250\pm 15\mu\text{m}$
	Color	Blue、 Orange、 Green、 Brown、 Grey、 White
Strength Member	Dimension	0.5mm
	Material	Steel Wire
Jacket	Dimension	$3.1\pm 0.1\text{mm}\times 2.0\pm 0.1\text{mm}$
	Material	LSZH
	Color	White
	Standard	In accordance with IEC 60332-1
Packing	Weight	8KG

4. Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	130
Tension (Short Term)	N	230
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	-10~+50
Operating Temperature	°C	-20~+70
Storage Temperature	°C	-20~+70

5. Cable Special Marks:

The cables is marked at intervals of 1 meter. Marking includes:

- a) Name of manufacturer
- b) Year of manufacture
- c) "FO Cable N fibers"
- d) Fiber type code – "SM G.657A2"
- e) Fiber manufacturer name
- f) Customer catalog number.
- g) Sequentially numbered length markers in meters.

Packing requirement

Box size: 260mm*260mm*260mm

6. Ordering Information:

OCF0669- **6 FIBER COVERD WIRE CABLE**