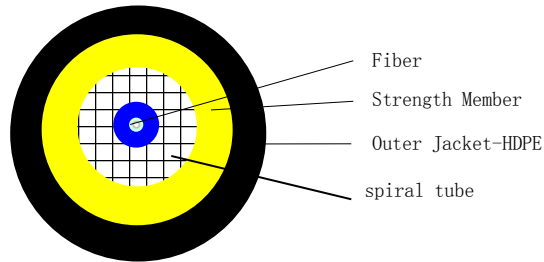


Outdoor HDPE jacket Armored cable 1F SM G657A2



Cable Parameters

Items		Specifications
Fiber Count		1
Tight-buffered Fiber	Dimension	0.85±0.05mm
	Material	LSZH
	Color	Blue
Spiral tube	Dimensions	Inner diameter : 1.2mm
		Outer diameter : 1.7mm
Aramid Yarn		1100*4
Outer Jacket	Dimension	3mm±0.2mm
	Material	HDPE
	Color	Black
	UV resistance	Yes

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	400
Tension (Short Term)	N	800
Crush (Long Term)	N/10cm	3000
Crush (Short Term)	N/10cm	5000
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-20~+70
Storage Temperature	°C	-20~+70

Fiber specifications

No.	Items		Unit	Specification
				G.657A2
1	Mode Field Diameter	1310nm	μm	8.6±0.4
		1550nm	μm	9.6±0.5
2	Cladding Diameter		μm	125±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	≤0.36
		1550nm	dB/km	≤0.25

Cable Marking:

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

- Name of manufacturer
- Year of manufacture
- "FO Cable N fibers"
- Fiber type code – For example: "SM G.652D"
- Fiber manufacturer name
- Customer catalog number.
- Sequentially numbered length markers in meters.

Ordering Information:

OCF0693