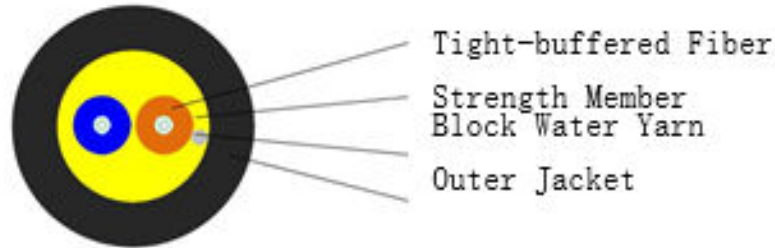


# Duplex round outdoor fiber cable



## 2. Fiber Parameters

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±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×7.5mm radius @1550nm	dB	≤0.5
		1turn×7.5mm radius @1625nm	dB	≤1.0

## 3. Cable Parameters

Items		Specifications
Fiber Count		2
Tight-buffered Fiber	Dimension	0.85mm±0.05mm
	Color	Blue , Orange
	Material	LSZH
Strength Member		Aramid Yarn
Jacket	Dimension	2.9mm±0.2mm
	Material	LSZH
	Color	Black

#### 4. Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	100
Tension (Short Term)	N	200
Crush (Long Term)	N/10cm	300
Crush (Short Term)	N/10cm	1000
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

#### 5. Ordering Information:

OCF0665- **DUPLEX ROUND OUTDOOR DROP CABLE G657A2**