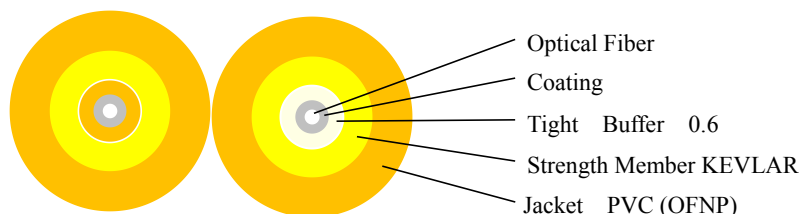


Duplex Core Indoor Cable

Profile View



Fiber Parameters

No.	Items	Unit	Specification	
			G.657A2	
1	Mode Field Diameter	1310nm	μm	8.8 ± 0.4
		1550nm	μm	9.8 ± 0.5
2	Cladding Diameter	μm	124.7 ± 0.4	
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 Parameters

Items		Specifications
Fiber Count		1
Tight-buffered Fiber	Dimension	$600\pm 50\mu\text{m}$
	Material	PVC (OFNP)
	Color	White Yellow
Outer Jacket	Dimension	$(1.2\pm 0.1) * 2\text{mm}$
	Material	PVC (OFNP)
	Color	YELLOW
Strength Member		Kevlar Yarn



Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension (Long Term)	N	40
Tension (Short Term)	N	80
Crush (Long Term)	N/10cm	100
Crush (Short Term)	N/10cm	500
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-10~+60
Operating Temperature	°C	-20~+60
Storage Temperature	°C	-20~+60

