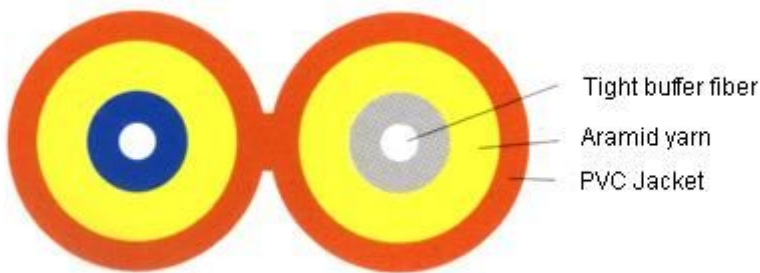


2-Fiber Duplex Indoor Cable



·Description

2 fiber, Figure 8 structure, $\Phi 900\mu\text{m}$ or $\Phi 600\mu\text{m}$ Tight buffer fiber, Aramid yarn, PVC Jacket.

·Standards

· Comply with Standard YD/T 1258.3-2003, ICEA-596, GR-409, IEC794, etc; and meet the requirements of UL approval for OFNR and OFNP.

·Cable Code

	ZCC-III	ZCC-II	ZCC-I
Cable Diameter (mm)	$(6.0\pm 0.4)\times(2.8\pm 0.2)$	$(4.2\pm 0.4)\times(2.0\pm 0.2)$	$(3.4\pm 0.4)\times(1.6\pm 0.2)$
Cable Weight (kg/km)	15.6	10.5	7.3
TBF Diameter	$900\pm 50\mu\text{m}$	$900\pm 50\mu\text{m}$	$600\pm 50\mu\text{m}$

·Mechanical Characteristics

Necero Optical Fiber And Cable (China) Co., LTD.

Tensile Strength	Long term	100N	100N	
	Short term	200N	200N	
Crush Resistance	Long term	200N/100mm	100N/100mm	
	Short term	1000N/100mm	500N/100mm	
Bending Radius	Dynamic	20×H (Cable Axis)		
	Static	10×H (Cable Axis)		

·Optical Characteristics

		50/125μm	62.5/125μm	G.652	G.655
Attenuation(+20 °C)	@850nm	≤3.5dB/km	≤3.5dB/km		
	@1300nm	≤1.5dB/km	≤1.5dB/km		
	@1310nm			≤0.45dB/km	≤0.50dB/km
	@1550nm			≤0.30dB/km	≤0.50dB/km
Bandwidth (Class A)	@850nm	≥500MHz·km	≥200MHz·km		
	@1300nm	≥1000MHz·km	≥600MHz·km		
Numerical Aperture		0.200±0.015 NA	0.275±0.015 NA		
Cable Cut-off Wavelength λ _{cc}				≤1260nm	≤1480nm
Attenuation at temperature cycling Δα(-20°C~+85 °C)	@1300nm	≤0.25dB/km	≤0.25dB/km		
	@1550nm			≤0.10dB/km	≤0.15dB/km

·Environmental Characteristics

Transport Temperature	-20°C~+60°C
Storage Temperature	-20°C~+60°C
Installation Temperature	-5°C~+50°C
Operating Temperature	-20°C~+60°C

