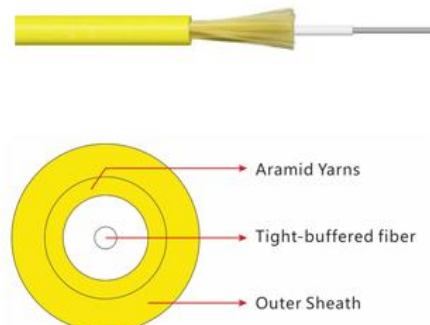


The BC25GJFJV-SX Series indoor fiber optic cable is made by evenly applying strands of aramid yarns as the strength member over $\phi 900 \mu m$ or $\phi 600 \mu m$ tight buffer fibers and then is completed with PVC(LSZH) jacket.



Main Features

- Good uniformity of the outer diameter of tight buffer fiber and excellent strip ability
- Good performance of flame-retardant
- Steady performance both in extremely high and low temperature
- Excellent geometrical dimension of the fiber
- Complies with standard ICEA-596、GR-409、IEC794 etc

Application

- Data Communication
- Making connector
- Installation: Riser, Plenum, inter-layer, pipe & trunking
- Located in where waterproof isn't strictly required
- Patch cord, Pigtail & Indoor distribution

Specification

Technical Parameters		SX-I	SX-II	SX-III
Cable Diameter		$1.6 \pm 0.2mm$	$2.0 \pm 0.2mm$	$2.8 \pm 0.2mm$
Cable Weight		4.0kg/km	5.9kg/km	6.9kg/km
Tight Buffer Fiber Diameter		$600 \pm 50 \mu m$	$900 \pm 50 \mu m$	$900 \pm 50 \mu m$
Tensile Strength	Long Term	50N	60N	80N
	Short Term	100N	120N	150N
Crush Resistance	Long Term	100N/100mm	100N/100mm	100N/100mm
	Short Term	500N/100mm	500N/100mm	500N/100mm
Bending Radius	Dynamic	20 × Diameter	20 × Diameter	20 × Diameter
	Static	10 × Diameter	10 × Diamete	10 × Diamete
Transport Temperature		$-20^{\circ}C \sim +60^{\circ}C$		
Storage Temperature		$-20^{\circ}C \sim +60^{\circ}C$		

Installation Temperature		-5℃ ~ + 50℃			
Operating Temperature		-20℃ ~ + 60℃			
Optical Characteristics		G.652	G.655	50/125 μ m	62.5/125 μ m
Attenuation	@850nm			≤3.0dB/km	≤3.0dB/km
	@1300nm			≤1.0dB/km	≤1.0dB/km
	@1310nm	≤0.36dB/km			
	@1550nm	≤0.22dB/km	≤0.23dB/km		
Bandwidth	@850nm			≥500MHz • km	≥500MHz • km
	@1300nm			≥1000MHz • km	≥600MHz • km
Numerical Aperture				0.200 ± 0.015	0.275 ± 0.015
Cutoff Wavelength		≤1260nm	≤1480nm		