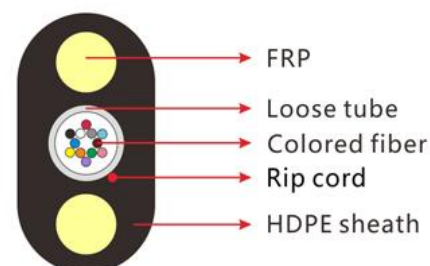


The BC25GYFXTBY Series cable is an arc runway fiber cable, which is made of multiple (1 – 12 cores) 250 μ m colored optical fibers (single-mode or multi-mode fibers)



Main Features

- Special low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission property
- Simple structure, light weight and high practicability
- Low smoke, zero halogen and flame retardant sheath
- YD / T769-2010, GB / T 9771-2008, IEC794 and other standards

Application

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

Specification

Optical Characteristics		G.652	G.655	50/125 μ m	62.5/125 μ m
Attenuation	@850nm			≤ 3.5 dB/km	≤ 3.5 dB/km
	@1300nm			≤ 1.5 dB/km	≤ 1.5 dB/km
	@1310nm	≤ 0.45 dB/km			
	@1550nm	≤ 0.3 dB/km	≤ 0.3 dB/km		
Bandwidth	@850nm			≥ 500 MHz • km	≥ 200 MHz • km
	@1300nm			≥ 1000 MHz • km	≥ 600 MHz • km
Numerical Aperture				0.200 ± 0.015	0.275 ± 0.015
Cutoff Wavelength		≤ 1260 nm	≤ 1480 nm		

Fiber count	Cable Diameter (mm)	Cable Weight (kg/km)	Tensile Strength (Long /Short Term N)	Crush Resistance (Long/Short Term N/100mm)	Bending Radius (Static/Dynamic mm)
1~12	4.5 × 8.5	46	400/1200	300/1000	30D/15D
Storage Temperature		$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$			
Operating Temperature		$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$			