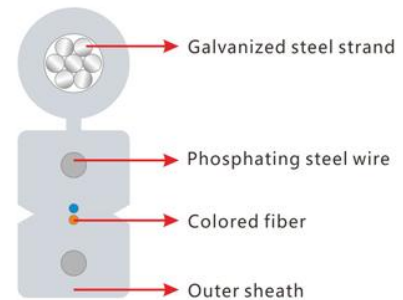
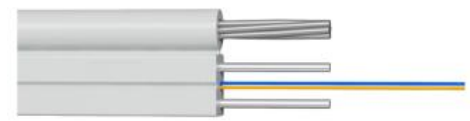


The BC25GJYXFCH(V) series optical fiber unit is positioned in the centre. Two parallel Fiber Reinforced Plastics (STEEL) are placed at the two sides. A steel wire as the additional strength member is also applied.



Main Features

- Special low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission property
- Two parallel FRP strength members ensure good performance of crush resistance to protect the fiber
- Simple structure, light weight and high practicability
- Novel flute design, easily strip and splice, simplify the installation and maintenance
- Low smoke, zero halogen and flame retardant sheath

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			≤3.5dB/km	≤3.5dB/km
	@1300nm			≤1.5dB/km	≤1.5dB/km
	@1310nm	≤0.4dB/km	≤0.4dB/km		
	@1550nm	≤0.3dB/km	≤0.3dB/km		
Bandwidth	@850nm			≥500MHz · km	≥200MHz · km
	@1300nm			≥500MHz · km	≥500MHz · km
Numerical Aperture				0.200 ± 0.015	0.275 ± 0.015
Cutoff Wavelength		≤1260nm	≤1260nm		

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	(2.0±0.2) × (5.2±0.2)	21.5	300/600	1000/2200	20/40
2	(2.0±0.2) × (5.2±0.2)	21.5	300/600	1000/2200	20/40
4	(2.0±0.2) × (5.2±0.2)	21.5	300/600	1000/2200	20/40
6	(2.5±0.2) × (6.0±0.2)	27.5	300/600	1000/2200	20/40
8	(2.5±0.2) × (6.0±0.2)	27.5	300/600	1000/2200	20/40
12	(3.0±0.2) × (7.0±0.2)	35.5	300/600	1000/2200	20/40
Storage Temperature		-20℃ ~ + 60℃			
Operating Temperature		-20℃ ~ + 60℃			