

NON-ARMORED FIBER CABLE

Optical fiber cable is a cable containing one or more optical fibers that are used to carry light. The optical fiber elements are typically individually coated with plastic layers and contained in a protective tube suitable for the environment where the cable will be deployed.

Features

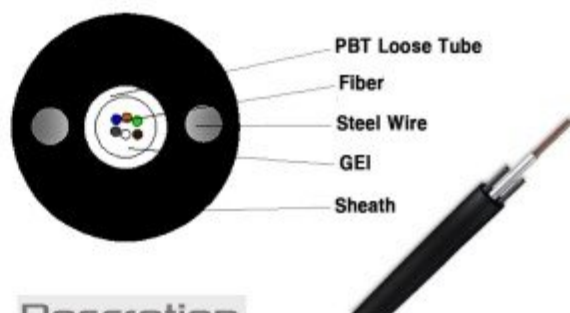
- Low dispersion and attenuation.
- The cable excellent mechanical and environmental properties.
- Small cable diameter, light cable weight, easily to lay.
- Operating Temperature: -40~+60C degree
- The cable is excellent in flexibility and bending resistance.
- The steel belt armor has strong pressure resistance and bulletproof capability.

Application

Aerial , overhead, and long distance communication and inter-office communication.

Characteristics

- Excellent mechanical and temperature performance guaranteed by the accurate excess fibre length.
- Performance of tube material and special filling compound filled in the tube.
- Special compact structure to avoid the loose tube shrinkag.
- Excellent crush resistance and flexibility.
- Two parallel steel wires could guarantee the tensile strength.
- Excellent ultraviolet prevention with PE sheath.
- Small diameter, light weight and installation.



Description

Non armored optic cable, single-mode/multimode fibres are positioned in the loose tube, which is made of high modulus plastic materials and filled with filling compound. jelly filled and fiber contained central loose tube, two parallel steel wires. Suitable for duct or aerial application. Tubes contain optical fibers colour coded.

Specification	
Fiber Count	2 ~ 12 F
Fiber Type	Single Mode G.652D - G.657A
	Multimode 62.5/125 - 50/125 OM1 . OM2 .OM3 .OM4
The Color Code Of The Fibers	Blue.Orange.Green.Brown Slate.Natural.Red.Black Yellow.Violet.Pink.Aqua
Loose Tube	OD (MM): 2.2 ± 0.1
	Material: PBT
Strength member	Steel wire (1.0mm)
Sheath	Thickens: Non. 1.9mm
	Material: HDPE
OD Of Cable (MM)	6.0±0.2
Attenuation dB/km	1310nm ≤0.36
	1550nm ≤0.22
Cut-Off Wavelength (λ _{cc})	≤1260 nm
Chromatic Dispersion ps/nm.km	1310nm ≤ 3.5
	1550nm ≤ 18
	1625nm ≤ 22
Zero Dispersion Wavelength nm	1300 ~ 1324
Temperature	Operating: -40C°~+60C° store/transport: -50C°~+70C° installation: -20C°~+60C°

Fiber Identification

NO.	1	2	3	4	5	6	7	8	9	10	11	12
Fiber Color	Blue	Orange	Green	Brown	Slate	natural	Red	Black	Yellow	Violet	Pink	Aqua

BSF-SM-4C-6.0MM-1000M
BSF-SM-6C-6.0MM-1000M
BSF-SM-8C-6.0MM-1000M

