

ARMORED FIBER CABLE

Armored fiber cable is a type of fiber cable that is widely used in aerial and duct application. This type of fiber cable has been praised due to its exceptional performance in Long Distance Symmetric role.

Description

Armored fiber cable is an outdoor use optical fiber cable suitable for duct and aerial applications it has two types which includes; single mode fiber optic cable and multimode fiber optic cable types. , 2~24 fibers jelly filled and fiber contained central loose tube copolymer coated steel tape two parallel steel wires and PE outer sheath .

These central loose tube optical fiber cables are suitable for installation in aerial or duct environment for communication between bureaus, metropolitan network, access network and is especially suitable for the situation where high-density fibers is expected

Features

- Low dispersion and attenuation.
- Proper design, precise control for fiber excess length and distinct stranding process render the cable.
- Excellent mechanical and environmental properties.
- Double-jacket structure make cable have nice properties of moisture resistance and crush resistance.
- Small cable diameter, light cable weight, easily to lay.
- Operating Temperature : -40~+60 °C.



Application

Aerial & Conduit, pipeline, Cities communication local trunk line, CATV & computer networks system Long-distance communication and LAN

Specification	
Fiber Count	2 ~ 24 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 (0.7mm*2)
Sheath	Thickens: Non. 1.7mm
	Material: PE
OD Of Cable (MM)	7.0
Water Block Material	Water blocking Compound
Armored	Corrugation Steel tape
Attenuation dB/km	1310nm ≤0.36
	1550nm ≤0.22
Cut-Off Wavelength (Acc)	≤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°

BSF-SM-4C-7.0MM-1000M
BSF-SM-6C-7.0MM-1000M
BSF-SM-8C-7.0MM-1000M

Fiber Identification

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

