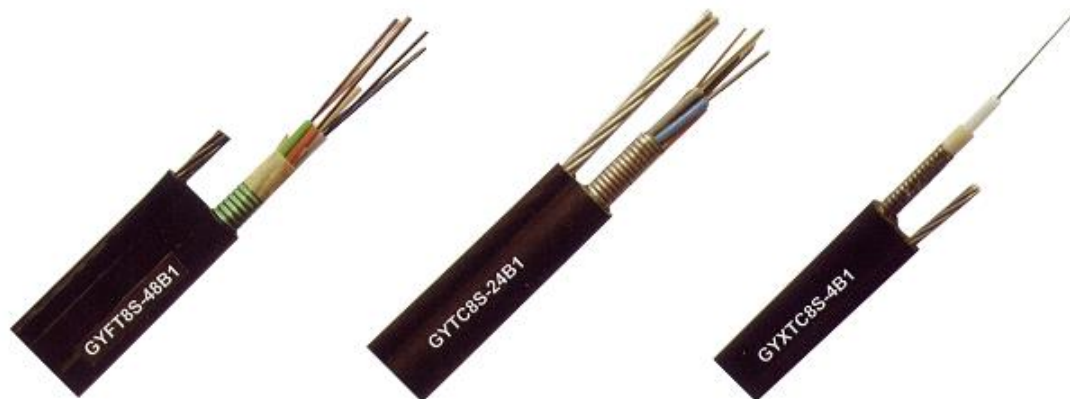


Self-Supporting Aerial Optical Fiber Cable



Description

GYFTC8S: Non-metallic strength member, Stranded loose tube filling compound, Steel-PE jacket, figure 8 self-supporting

GYTC8S: Metallic strength member, Stranded loose tube filling compound, Steel-PE jacket, figure 8 self-supporting

GYXTC8S: Metallic strength member, Central tube filling compound, Steel-PE jacket, figure 8 self-supporting

Features

- High tensile strength to stranded wires meet the requirement of self-supporting and reduce installation cost.
- 8 font self-supporting type structure possesses high tensile strength and is convenient for aerial installation and its installation cost is cheap.
- Vertical wrapped steel strip strengthens resisting lateral pressure ability, and enhances moisture-proof.
- High strength PBT loose tube is hydrolysis resistant. Special factice is filled into inside of loose tube and takes key protection to optical fiber.
- Excellent mechanical properties, environmental and optical-power composite performance.

Specifications

Item		GYFTC8S	GYTC8S	GYXTC8S
Fiber Core Count		2~144	2~144	2~12
Cable Diameter (mm)		9.8~16.2	9.8~16.2	7.6
Cable Weight (kg/km)		180~260	180~260	130
Tensile Strength (N)	Short term	2000~7000	2000~7000	1500~4000
	Long term	1000	1000	1000
Crush Resistance (N)	Short term	1000	1000	300
	Long term	300	300	100
Bending Radius	Static	20D	20D	20D
	Dynamic	10D	10D	10D
Application Range		Self-supporting aerial, Long distance communication		
Attenuation		$\leq 0.36\text{dB/km}@1310\text{nm}$; $\leq 0.22\text{dB/km}@1550\text{nm}$		
Operating Temperature		$-40^{\circ}\text{C}\sim+70^{\circ}\text{C}$		