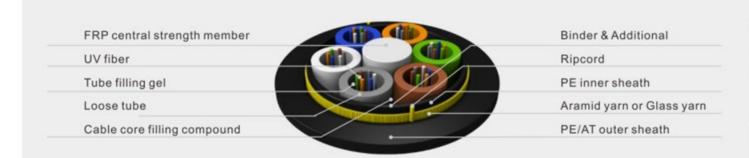


GYFTCY-Aerial /Duct/ Direct Buried

- Fiber reinforced plastic central strength member
- Loose tube stranded
- PE sheath all-dielectric
- Self-supporting aerial cable



Performance

Application

 The actual status of overhead power lines **Operating Temperature**

○ -40°C~+70°C

Features and Benefits

Water-blocking construction Special filling gel in loose tubes All dielectric construction design Strict craft and raw material control enable Customized longitudinal color strip

Moisture-proof and prevents water penetration

Reduce or eliminate reflection losses and prevent water penetration

Eliminates electromagnetic induction effect

Lifespan over 30 years

Easy identification, packing and maintenance

- According to different applications, anti-termite and anti-rodent are optional.
- For flame retardant cable, LSZH (Low-Smoke Zero Halogen) material is applicable to outer sheath and the type is GYFTZCY. The cable technology parameters and fiber count, weather, span can be designed according to the project's requirement
- For the actual status of overhead power lines and he load on pole and towers suspension point. AT outer sheath is applied.

Technical Specification

Fiber Count	Nominal Diameter (mm)	Nominal Weight (kg/km)	Max Fibers per Tube	No. of (Tubes +Fillers)	Allowable Tensile Load (N)		Allowable Crush Resistance (N/100mm)		
					Short Term	Long Term	Short Term	Long Term	
2~36	10.7	92	6	6	2700	1000	1000	300	
38~72	11.6	103	12	6	2700	1000	1000	300	
74~96	13.3	149	12	8	2700	1000	1000	300	
98~120	14.8	180	12	10	2700	1000	1000	300	
122~144	16.4	222	12	12	2700	1000	1000	300	
146~216	18.8	224	12	18 (2layers)	2700	1000	1000	300	
>216		Available upon customer's request							

^{*}Customized cable structure is available