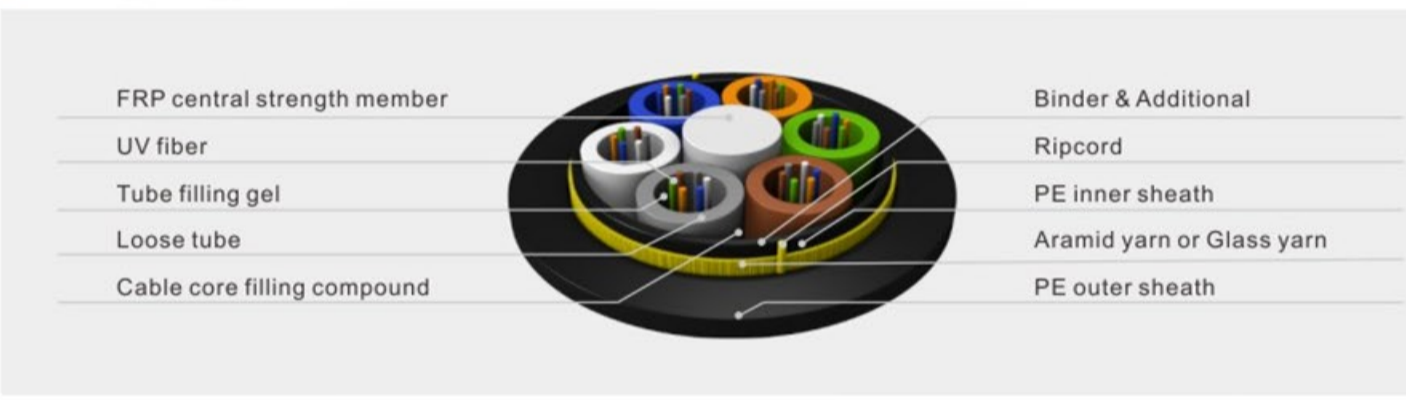




Gel-Filled Loose Tube All Dielectric Cable (Double Sheath)

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 | Moisture-proof and prevents water penetration |
| Special filling gel in loose tubes | Reduce or eliminate reflection losses and prevent water penetration |
| All dielectric construction design | Eliminates electromagnetic induction effect |
| Strict craft and raw material control enable | Lifespan over 30 years |
| Customized longitudinal color strip | Easy identification, packing and maintenance |

Note:

- 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 GYFZCY.
- Longitudinal color strip on outer sheath can be provided according to customer's requests. More details, please refer to GYFZA.

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