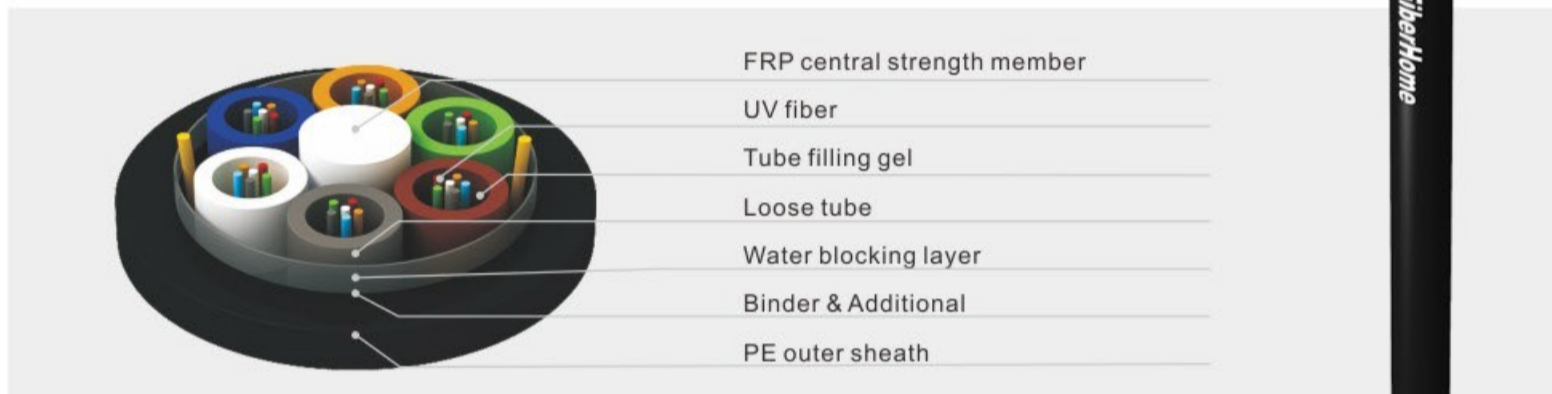


Gel-Free Loose Tube All Dielectric Cable

GYFY- Duct / Aerial

- ⦿ Fiber reinforced plastic central strength member
- ⦿ Tube filling gel
- ⦿ Loose tube stranded
- ⦿ PE sheath outdoor cable



Performance

Application

- ⦿ Long haul and building network communication

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
Fiber reinforced plastic as central strength member	High Corrosion resistance and Young's modulus
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-bullet are optional.
- ⦿ For flame retardant cable, outer sheath can be made of low-smoke zero halogen (LSZH) material, and the type is GYFZY. Anti-termite and anti-bullet also optional.
- ⦿ The aluminum tape armored or steel tape armored cable can be provided the type is GYFA or GYFS.
- ⦿ Longitudinal color strip on outer sheath can be provided according to customer's requests. More details please refer to GYFZA.
- ⦿ Special cable structure can be designed and manufactured upon customer's request.

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	10.2	85	6	6	1500	600	1000	300
38~72	11.1	100	12	6	1500	600	1000	300
74~96	12.6	130	12	8	1500	600	1000	300
98~120	14.1	162	12	10	1500	600	1000	300
122~144	15.9	204	12	12	1800	600	1000	300
146~216	15.9	205	12	18 (2layers)	1800	600	1000	300
>216	Available upon customer's request							

*Customized cable structure is available