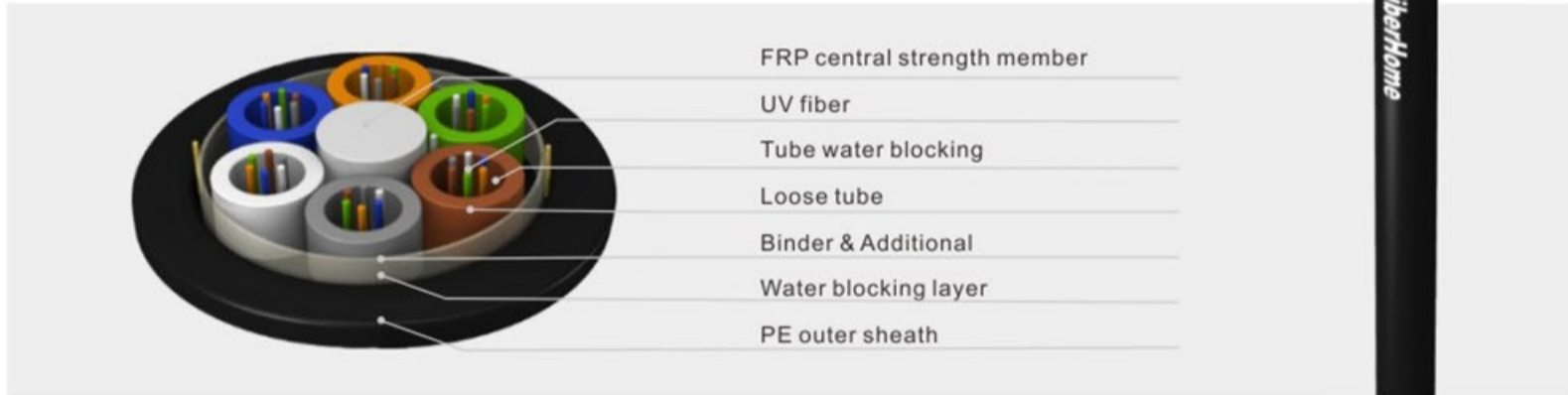


Gel-Free Loose Tube Cable

GYFY-Duct/ Aerial

- Fiber reinforced plastic central strength member
- Tube water blocking compound
- 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

- Special water penetration material in loose tubes
- Fiber reinforced plastic as central strength member
- All dielectric construction design
- Strict craft and raw material control enable
- Customized longitudinal color strip

- Moisture-proof and prevents water penetration
- Good water penetration protection for optical fiber
- High Corrosion resistance and Young's modulus
- Eliminates electromagnetic induction effect
- Lifespan over 30 years
- Easy identification, packing and maintenance

Note:

- According to different applications, anti-termite and anti-rodent are optional.
- For flame retardant cable, outer sheath can be made of low-smoke zero halogen (LSZH) material, and the type is GYFZY.
- 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.