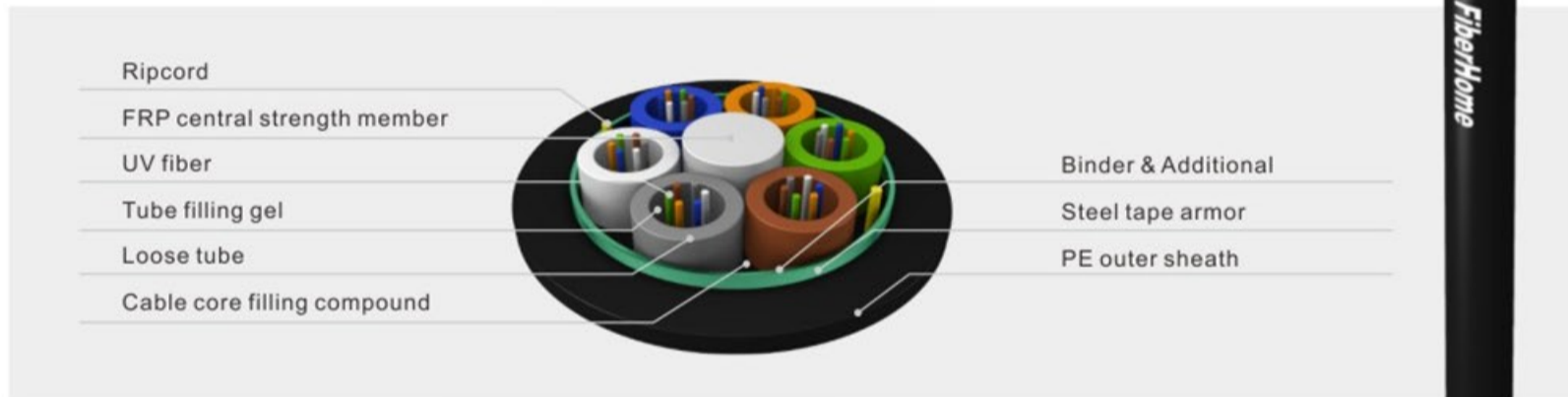


## Gel-Filled Loose Tube Armored Cable (Single Sheath)

### GYFTS/A-Duct/ Aerial

- Fiber reinforced plastic central strength member
- Loose tube stranded
- Corrugated steel tape armored outdoor cable



## Performance

### Application

- Long haul and building network communication

### Operating Temperature

- -40°C~+70°C

## Features and Benefits

<b>Water-blocking construction</b>	Moisture-proof and prevents water penetration
<b>Special tube filling gel</b>	Reduce or eliminate reflection losses and prevent water penetration
<b>Fiber reinforced plastic as central strength member</b>	High Young's modulus
<b>Longitudinal coated steel tape</b>	High desirable tensile strength and crush resistance
<b>Strict craft and raw material control</b>	Lifespan over 30 years
<b>Customized longitudinal color strip</b>	Easy identification, packing and maintenance

### Note:

- According to different applications, anti-termite optional.
- If loose tube stranded fiber cable is armored with aluminum tape, the type is GYFTA.
- For flame retardant cable, LSZH (Low-Smoke Zero Halogen) material is applicable to outer sheath and the type is GYFTZS/A.
- 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	11.4	130	6	6	1500	600	1000	300
38~72	12.5	152	12	6	1500	600	1000	300
74~96	14.2	194	12	8	1500	600	1000	300
98~120	15.7	230	12	10	1500	600	1000	300
122~144	17.3	274	12	12	1800	600	1000	300
>144	Available upon customer's request							

\*Customized cable structure is available