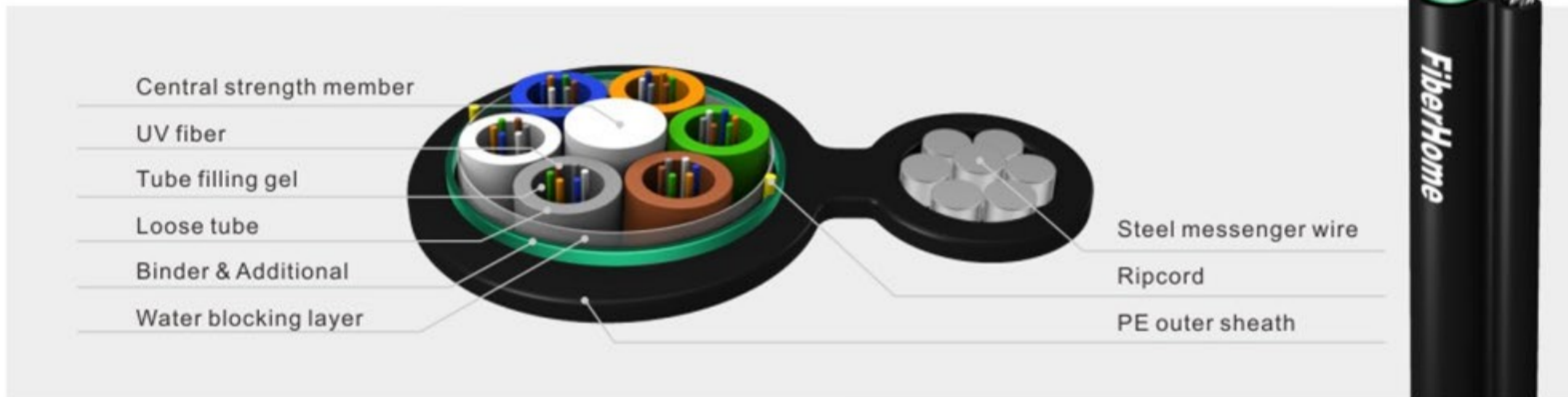


Gel-Free Loose Tube Self Support Aerial Cable (Figure-8; Steel/Aluminum/Non Tape Armored)

GYFC8S/A/Y-Aerial

- Fiber reinforced plastic central strength member
- Loose tube stranded
- PE sheath
- Figure 8 self-supporting aerial cable



Performance

Application

- Long haul and building network communication

Operating Temperature

- -40°C~+70°C

Features and Benefits

Water-blocking construction

Special filling gel in loose tubes

Phosphate or galvanized steel wire as hanging member

Longitudinal coated steel tape

Strict craft and raw material control enable

Note:

- If loose tube stranded fiber cable is armored with aluminum tape, the type is GYFC8A, if no armor, the type is GYFC8Y.
- Span within 50 meters, longer span available.
- For flame retardant cable, LSZH (Low-Smoke Zero Halogen) material is applicable to outer sheath and the type is GYFCZ8S/A/Y.
- Longitudinal color strip on outer sheath can be provided according to customer's requests. More details, please refer to GYFZA.

Moisture-proof and prevents water penetration

Reduce or eliminate reflection losses and prevent water penetration

Figure-8 self-supporting structure presents high tensile strength and enables easy and cost saving aerial installation

High desirable tensile strength and crush resistance

Lifespan over 30 years

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
2~30	9.4x 17.4	156	6	5	7000	4000	1000	300
32~36	10.0x 18.0	170	6	6	7000	4000	1000	300
38~60	10.6x 18.6	175	12	5	7000	4000	1000	300
62~72	10.9x 19.0	185	12	6	7000	4000	1000	300
>72	Available upon customer's request							

*Customized cable structure is available.