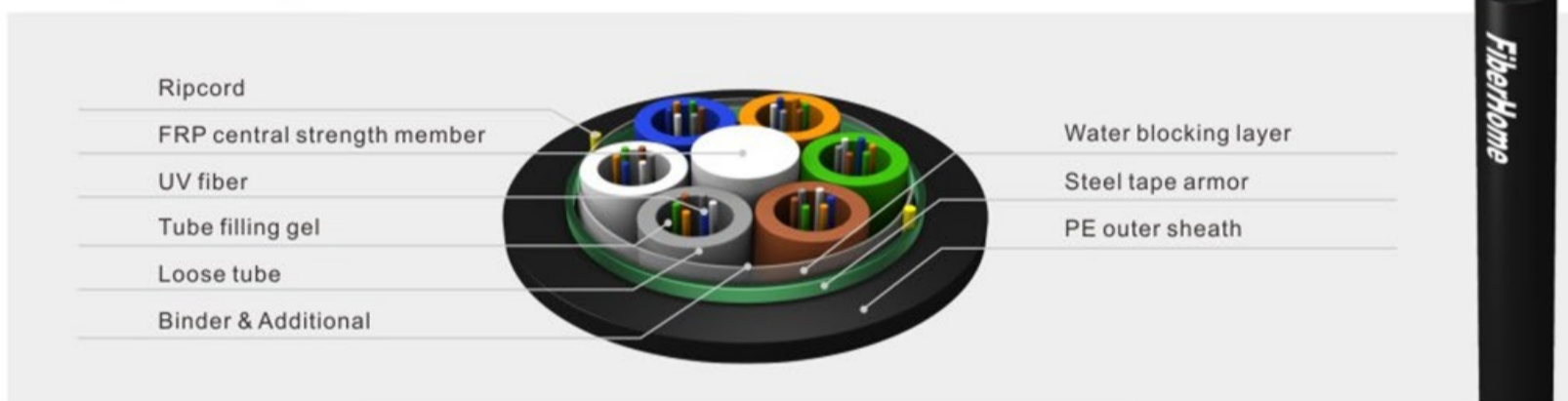


## Corrugated Steel/Aluminum Tape Armored Cable (Single Sheath)

### GYFS/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 GYFA
- For flame retardant cable, LSZH (Low-Smoke Zero Halogen) material is applicable to outer sheath and the type is GYFZS.
- 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        | 9.9                               | 110                    | 6                   | 5                        | 1500                       | 600       | 1000                                 | 300       |
| 38~72       | 10.6                              | 133                    | 6                   | 6                        | 1500                       | 600       | 1000                                 | 300       |
| 74~96       | 11.4                              | 140                    | 12                  | 5                        | 1500                       | 600       | 1000                                 | 300       |
| 98~120      | 12.0                              | 168                    | 12                  | 6                        | 1500                       | 600       | 1000                                 | 300       |
| 122~144     | 13.6                              | 202                    | 12                  | 8                        | 1800                       | 600       | 1000                                 | 300       |
| >144        | Available upon customer's request |                        |                     |                          |                            |           |                                      |           |

\*Customized cable structure is available