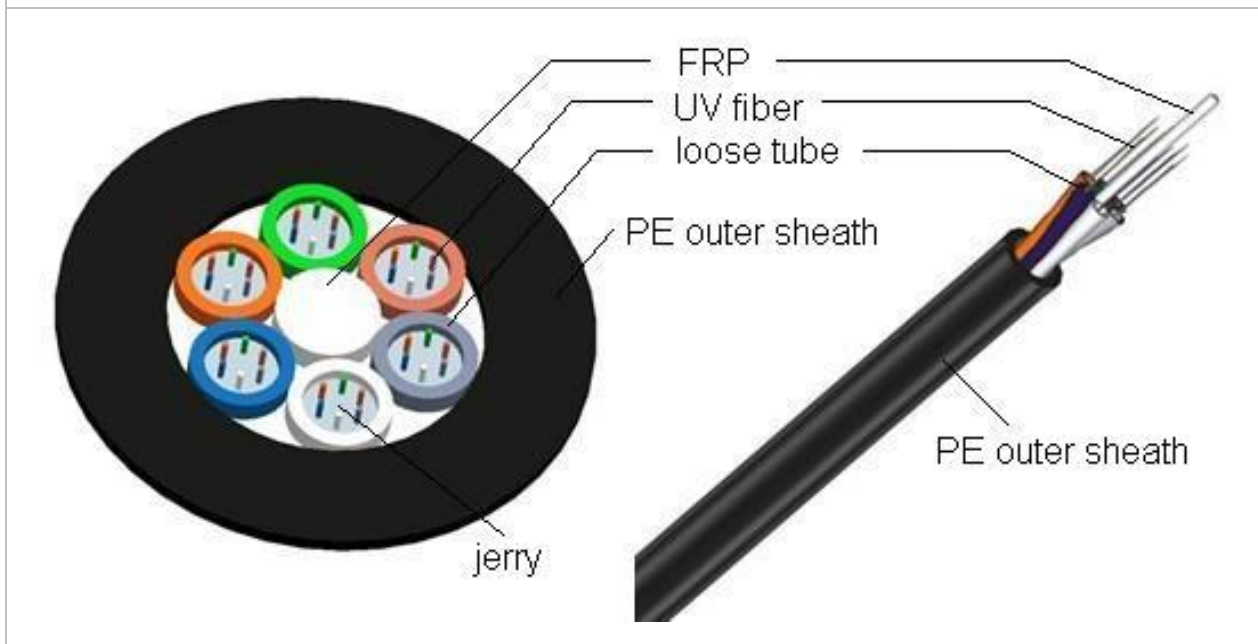


GYFTY

Loose tube stranded metal-free cable



1. Structure description:

Nonmetal Strength member, loose tube type, jelly filled, Polyethylene(PE) sheath, outdoor optical fiber cable for telecommunication

2. performance:

Application	Long haul and building network communication
Min bend radius(mm)	Shor-term 10D Long-term 20D
The way	Duct/Aerial
Operating temperature (oC)	-40~60

3. Features

- I Selected high quality optical fiber ensure the optical fiber cable have excellent transmission properties
- I The unique fiber excess length control metheod provides the cable with excellent mechanical and environmental properties
- I Very strict material and manufacturing control guarantees the cable can work stably for more than 30 years.
- I Special jelly fillded in the loose tube provides the fibers with critical protection
- I Total cross-section water-resistant structure makes cable have excellent properties of moisture resistance
- I The central member adopted high young's modulus FRP member.
- I The cable use all dielectric non-mental structure,light in weight,easily to lay,excellent anti-electric-magnetic properties, Suitable for environment with high electric field strength in the Power communication system and the area where frequent thunder happens

4. Structure and Technical Specification:

Fiber count	Nominal Diameter (mm)	Nominal Weight (kg/km)	Max fiber Per tube	No.of (tube+fillers)	Allowable Tensile load Long/short (N)	Allowable Crush resistance Long/short (N/10cm)
2-36	10.2	85	6	6	1500/600	1000/300
38-72	11.1	100	6	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	1500/600	1000/300
146-216	15.9	205	12	18(2layers)	1500/600	1000/300
>216	Available upon customer's request					