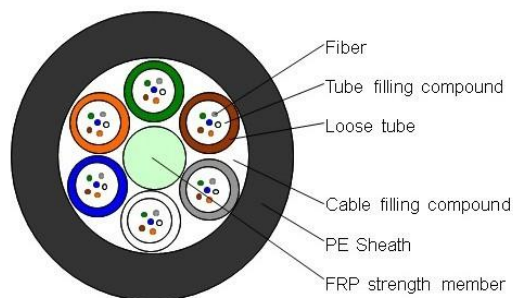




## GYFTY Stranded Loose Tube Non-metallic Strength Member Non-armored Cable

### Description

The fibers, 250μm, are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound. A Fiber Reinforced Plastic (FRP) locates in the center of core as a non-metallic strength member. The tubes (and fillers) are stranded around the strength member into a compact and circular core. After the cable core is filled with the filling compound to protect it from water ingress, the cable is completed with a PE sheath.



### Feature

- ◆ Good mechanical and temperature performance
  - ◆ High strength loose tube that is hydrolysis resistant
  - ◆ Special tube filling compound ensure a critical protection of fiber
  - ◆ Crush resistance and flexibility
  - ◆ The following measures are taken to ensure the cable watertight:
  - ◆ Single Fiber Reinforced Plastic as the central strength member
- ◆ Loose tube filling compound
  - ◆ 100% cable core filling

### Technical data

Fiber Num.	Outer diameter (mm)	Weight (kg/km)	Tension (N)		Crash loading (N/100mm)	
			Short term	Long term	Short term	Long term
2-30	8.7	66	1500	600	1000	300
32-60	9.3	78				
62-72	9.9	90				
74-84	11.2	114				
86-96	11.2	114				
98-120	12.9	141				
122-144	14.4	174				

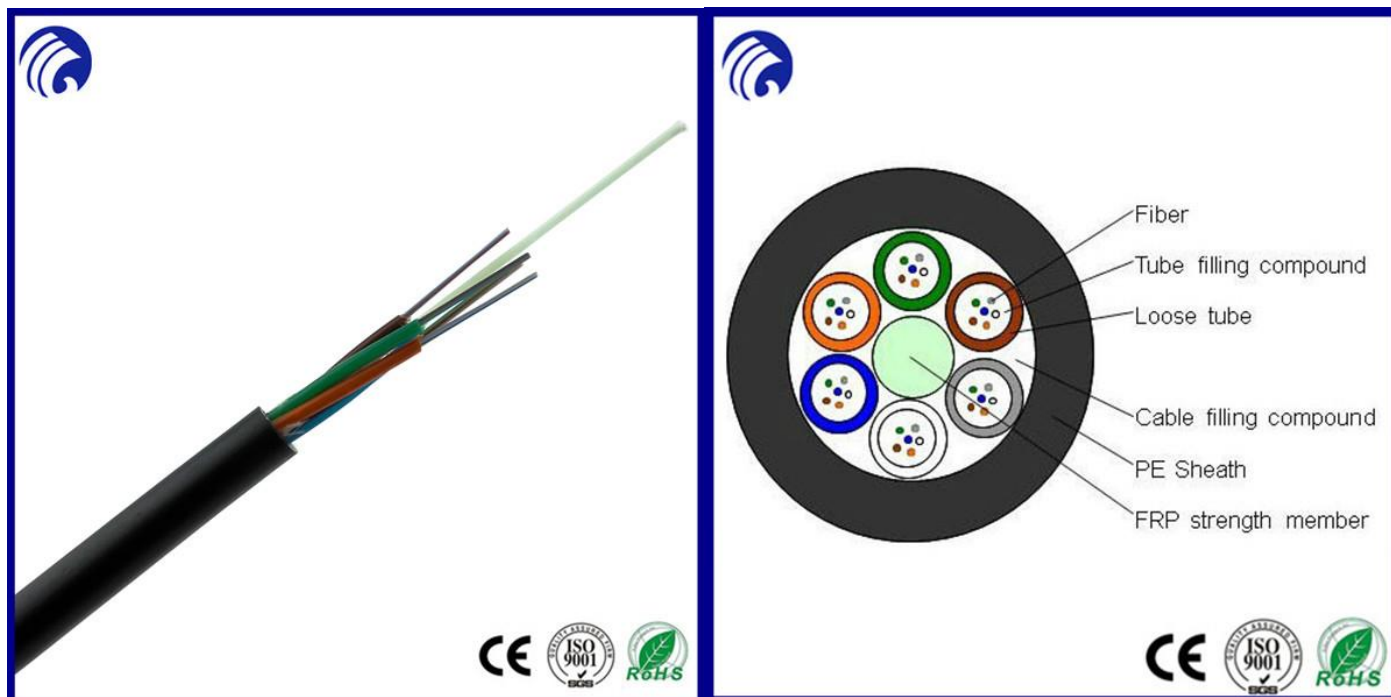
### Performance

- ◆ Max attenuation : 0.35dB 1310nm and 0.21dB/Km 1550nm
- ◆ Fiber : OM3 50/125
- ◆ Installation : Suitable for aerial or duct
- ◆ Application : Apply to Long distance communication system, Local area network system and Subscriber Network system
- ◆ Lifetime : above 30 years
- ◆ Operating temperature : -40℃~+70℃
- ◆ Permission bent radius Static : 10 times O.D. Dynamic : 20 times O.D

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## More Pictures



## Packaging

- 1, Wooden drums with test report.
- 2, 1000m-6000m/roll, roll wide 40cm-100cm, diameter 50cm-160cm.

