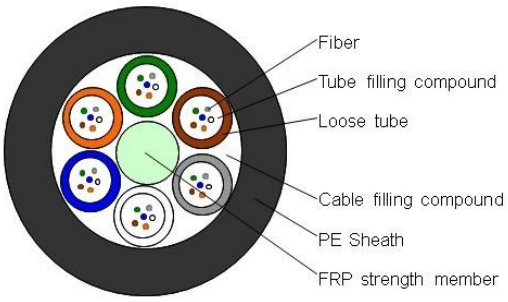
GYFTY Stranded Loose Tube Non-metallic Strength Member Non-armored Cable

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

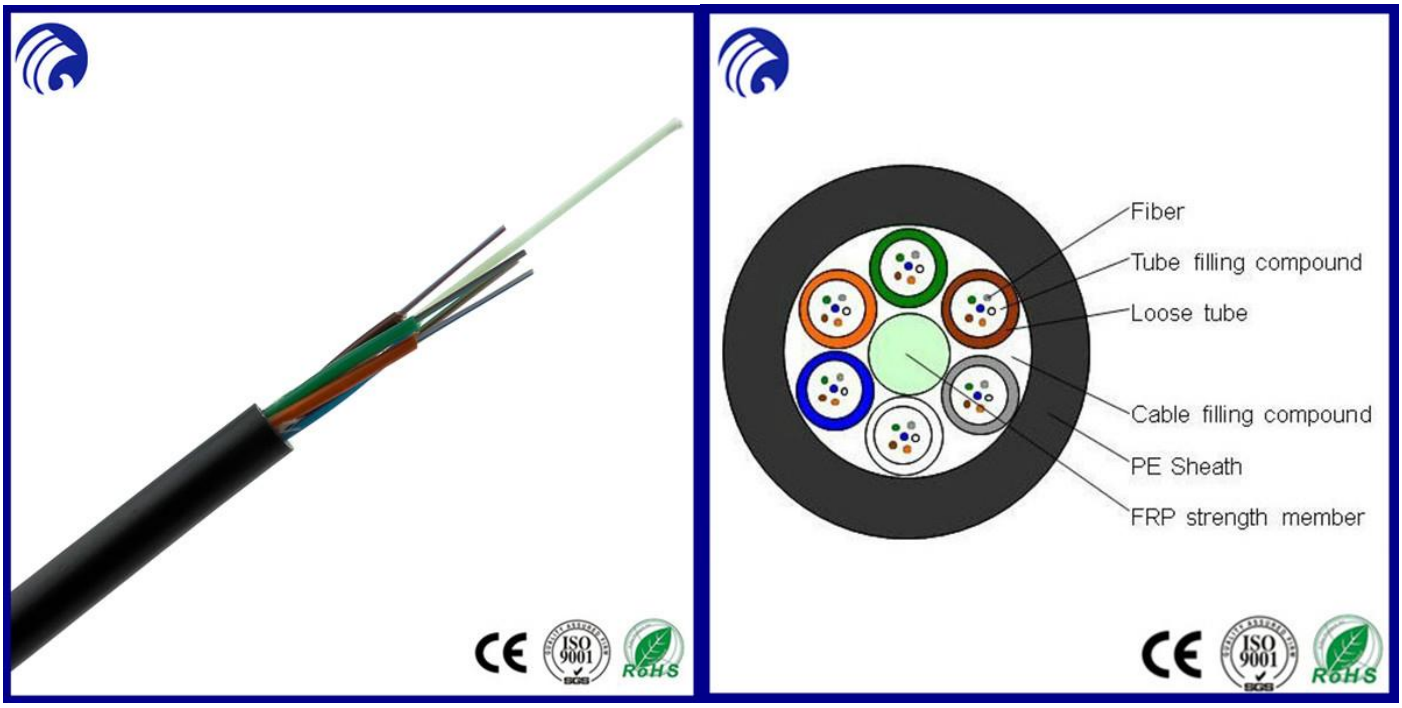
Technical data

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

More Pictures



Packaging

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