

GYTS Outdoor Armored Fiber Cable 96 Core

GYTS optical cable generally refers to layer twisted optical cable.

The layer twisted optical cable is composed of a plurality of casings containing optical fibers twisted into a round cable core around the central reinforcing member. The metal or non-metallic reinforcement is located in the center of the optical cable, and the loose tube containing the optical fiber is arranged around the reinforcement.

Place of Origin: Shanghai, China

Brand Name: OPTICO

Model Number: OP-GYTS-96F

Number of Conductors: ≥ 10

Fiber type: G.652D

Jacket Material: PE

Central strength member: FRP or steel wire

operating temperature: -40 to +70°C

Cable diameter(mm): 12.5-14.9

Loose tube: Jelly filled

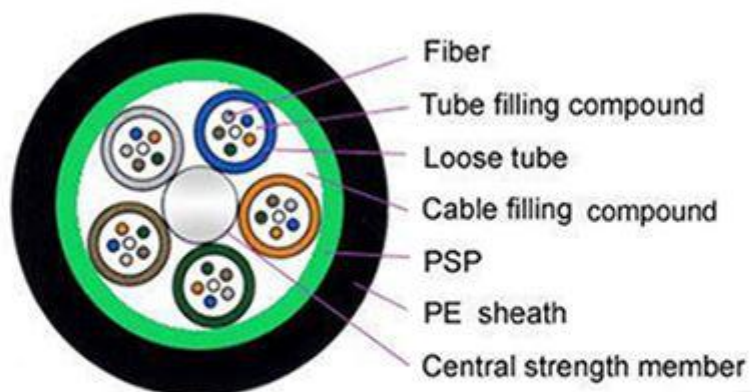
Color: Black

Certification: ISO9001, RoHS

Supply Ability: 10000km/month

Packaging: 3km/wooden drum

Port: Shenzhen



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 steel wire, sometimes sheathed with polyethylene (PE) for cable with high fiber count, locates in the center of core as a metallic strength member. Tubes (and fillers) are stranded around the strength member into a compact and circular cable core. The PSP is longitudinally applied over the cable core, which is filled with the filling compound to protect it from water ingress. The cable is completed with a PE sheath.

Features:

1. Adopt "SZ" bidirectional layer twisting technology
2. Filling water-blocking ointment step by step, full-section water-blocking

3. The steel (aluminum) belt has reliable bonding with the edge, high strength, and no cracking when twisted
4. Stable fiber excess length control
5. After the cable is formed, the additional attenuation of the optical fiber is almost zero, and the dispersion value does not change
6. Excellent environmental performance, applicable temperature range is -10℃~+70℃
- 7, suitable for overhead, pipeline, direct buried and other laying methods

Parameters:

| Fiber Number | Outer diameter (mm) | Weight (kg/km) | Tension (N) | | Crash loading (N/100mm) | |
|--------------|---------------------|----------------|-------------|-----------|-------------------------|-----------|
| | | | Short term | Long term | Short term | Long term |
| 2-30 | 9.8 | 102 | ≥1500 | ≥600 | ≥1000 | ≥300 |
| 32-60 | 10.7 | 117 | | | | |
| 62-72 | 11.3 | 143 | | | | |
| 74-84 | 12.7 | 173 | | | | |
| 86-96 | 12.7 | 173 | | | | |
| 98-120 | 14.5 | 211 | | | | |
| 122-144 | 16 | 230 | | | | |
| 146-216 | 16.7 | 262 | | | | |
| 218-300 | 19 | 302 | | | | |

Performance:

Max attenuation : 0.35dB @ 1310nm and 0.21dB/Km @1550nm

Fiber : G652D

Installation : Aerial or duct

Application : Apply to Long distance communication system, Local area network system

Lifetime : above 30 years

Operating temperature : -40℃~+70℃

Permission bent radius Static : 10 times O.D. ; Dynamic : 20 times O.D.

Certificates:



CE



CPR



ISO



RoHS

Factory Workshop:





Keywords: GYTS cable, outdoor fiber cable, armored optical cable;