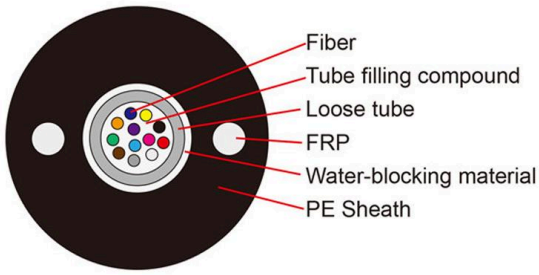
# GYFXY Outdoor Optical Fiber Cable

## Product Structure Diagram




## Product Description

The structure of GYFXY optical cable is to connect 250 μ The m optical fiber is inserted into a loose tube made of high modulus material, inside the loose tube Fill with waterproof compound. Two parallel non-metallic FRP reinforcements are placed on both sides of the loose tube and extruded into polyethylene the sheath forms a cable.

## Product features

- Has good mechanical and temperature performance;
- The loose tube material itself has good hydrolysis resistance and high strength;
- The tube is filled with special ointment to provide critical protection for the optical fiber;
- Two parallel FRP ensure the tensile strength of the optical cable;
- The non-metallic structural design effectively prevents radio frequency interference and electromagnetic wave interference;
- Small diameter, light weight, and easy to lay;

## Application

Duct / Non Self-supporting Aerial Installation.

## Technical Specifications

### Product Parameters

| Project | Technical indicators |
|---|---|
| Counts | 2-12 |
| Max.fiber counts per tube | 12 |
| Cable Diameter(mm) | 6.8 |
| Reference weight(Kg/km) | 49 |
| Fiber Type | G652D G655 G657 50/125 62.5/125 |
| Tensile Strength(N) | Long/Short Term:600/1500 |
| Crush Resistance(N/100mm) | Long/Short Term:300/1000 |
| Bending Radius(mm) | Static/Dynamic:12.5D/25D |
| Temperature(℃) | Storage /Operation:-40℃~+70℃ |