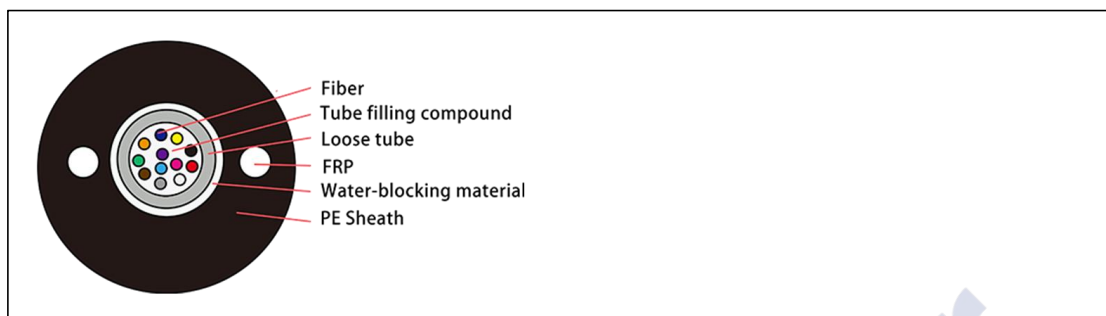


GYFXY Outdoor Optical Fiber Cable

Product Structure Diagram



Product Description

The structure of GYFXY optical cable is to connect 250 μm 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(°C)	Storage /Operation:-40°C~+70°C