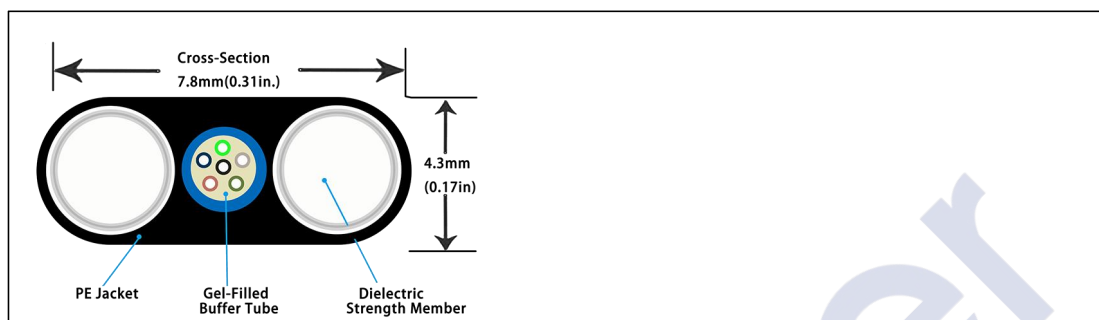


## GYFXTBY/GYFXBY Flat-shape & Self-supporting Uni-tube Fiber Optic Cable

### Product Structure Diagram



### Product Description

The structure of GYFXBY flat optical cable is to connect 250  $\mu$ . The optical fiber is inserted into a loose tube made of high modulus material, and the loose tube is filled with waterproof compound. A layer of waterproof layer may be longitudinally wrapped around the loose tube, with two parallel FRP placed on both sides and extruded into a polyethylene sheath PE cable.

### Product features

- Has excellent mechanical properties and temperature characteristics.
- Loose tube material itself has good water resistance and high strength.
- The tube is filled with special ointment to provide critical protection for the optical fiber.
- Specially designed compact fiber optic cable structure effectively prevents sleeve retraction.
- PE sheath has excellent resistance to ultraviolet radiation.
- Two parallel FRP ensure the tensile strength of the optical cable.
- Small diameter, light weight, easy to lay.
- Long delivery length.

### Application

Used as access building cable.

Used in horizontal and vertical cabling , especially used for FTTH.

Indoor cabling under carpet and along corner.

### Technical Specifications

#### Product Parameters

Project	Technical indicators
Fiber Count	2-12
Loose tube material	PBT
Outer sheath	PE
Colored Coating Fiber Dimension	250 $\pm$ 15 $\mu$ m
Reference weight(Kg/km)	46
Fiber Type	SM G.652D
Tensile Strength(N)	Long/Short Term:500/1200
Crush Resistance(N/10cm)	Long/Short Term:300/1000

Bending Radius(mm)	Static/Dynamic:10D/20D
Temperature(°C)	Storage /Operation:-40°C~+60°C

unionfiber