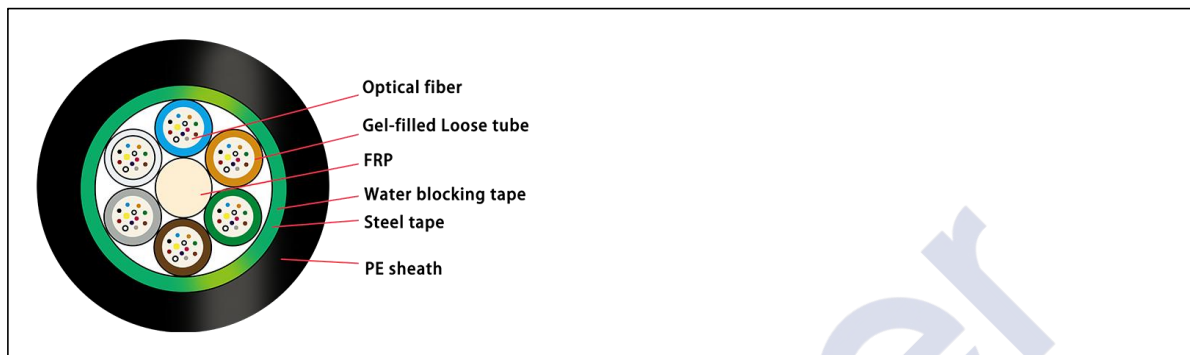


# GYFTS Outdoor Stranded Loose Tube FRP CST Armor Optical Fiber Cable

## Product Structure Diagram



## Product Description

The fibers are positioned in a loose tube made of high modulus plastic and filled with gel. Tubes (and fillers) are stranded around the non-metallic strength member( FRP) to form the cable core and the core is filled with water-blocking compound. Then the corrugated steel tape(CST) is longitudinally armored over the cable core. Finally a PE jacket is extruded.

## Product features

- Good mechanical and thermal performance.
- Hydrolysis resistant loose tube.
- Tube filling compound ensures critical protection of fiber.
- Specially designed stranded structure eliminating contraction of tubes.
- Rugged, durable PE jacket protects against UV radiation, fungus etc.
- Crush resistance and flexibility.
- Water-blocking measures:
  - Loose tube gel-filled.
  - 100% cable filling compound.
  - Corrugated steel tape(CST) enhancing moisture-proof.

## Application

Duct / Non Self-supporting Aerial Installation.

## Technical Specifications

### Product Parameters

Project	Technical indicators								
Counts	2-30	32-36	38-60	62-72	74-96	98-120	122-144	146-216	218-288
Max.fiber counts per tube	6	6	12	12	12	12	12	12	12
Units(Tubes or Fillers)	6	6	6	6	8	10	12	18	24
Cable Diameter(mm)	10.1	10.1	11	11	12.3	13.7	15.2	15.6	17.6
Reference weight(Kg/km)	100	100	117	117	145	177	214	216	274
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

unionfiber