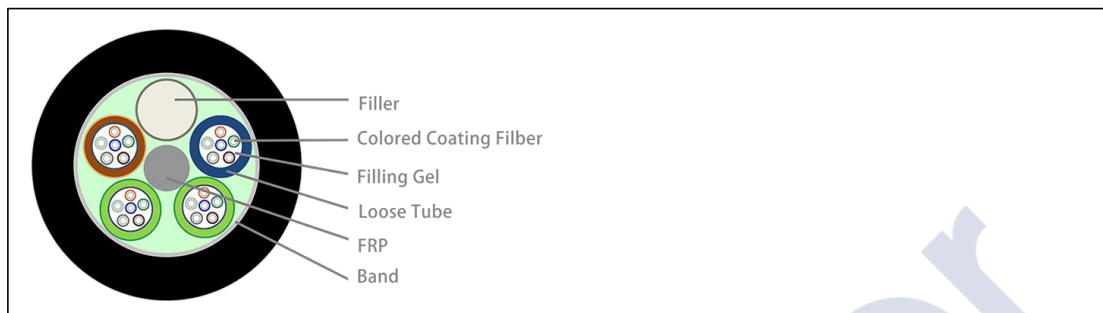


GYFTY All Dielectric Outdoor Stranded Loose Tube Non-armored Optical Fiber Cable

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. Then the cable core is filled with the cable jelly to protect it from water penetration. Finally a PE jacket is extruded.

Product features

- Good mechanical and thermal performance.
- FRP as the central strength member.
- Hydrolysis resistant loose tube.
- Tube filling gel ensures critical protection of fiber.
- Stranded compact structure eliminating contraction of tubes.
- Rugged, durable PE jacket protects against UV radiation, fungus etc.
- Non metallic, light in weight, convenient for application with power lines and lightning-prone area.

Application

Duct / Non Self-supporting Aerial Installation.

Technical Specifications

Product Parameters

Project	Technical indicators								
	2-30	32-36	38-60	62-72	74-96	98-120	122-144	146-216	218-288
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)	9.8	9.8	10.7	10.7	12	13.4	14.9	15.3	17.3
Reference weight(Kg/km)	78	78	93	93	117	146	180	185	240
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								