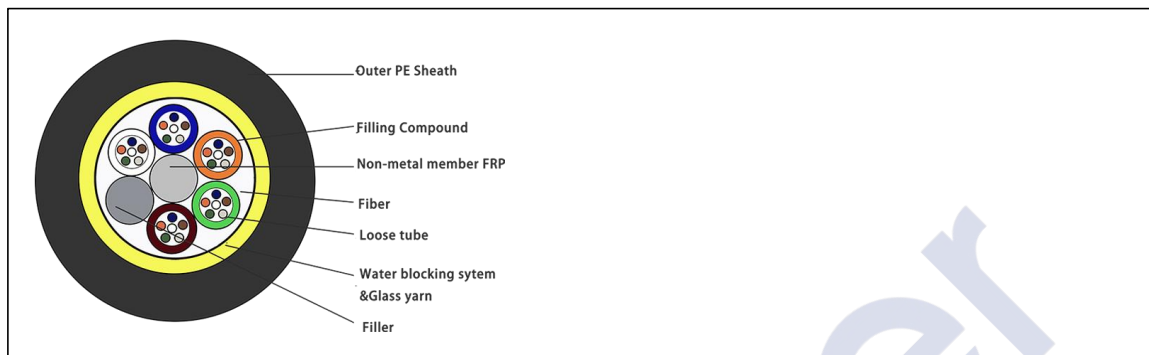


GYFHTY Outdoor Stranded Loose Tube FRP Semi-dry Optical Fiber Cable

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 core is filled with water blocking yarns and longitudinally wrapped with water blocking tapes. The cable is completed with a PE outer jacket.

Product features

- High tensile strength and semi-dry design.
- 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 sheath protects against UV radiation, fungus etc.
- Non-metallic, light in weight, convenient for application for power lines and lightning prone areas.
- Water-blocking measures:
 - Loose tube gel-filled.
 - Water blocking yarns and tapes.

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)	80	80	96	96	120	149	183	186	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

