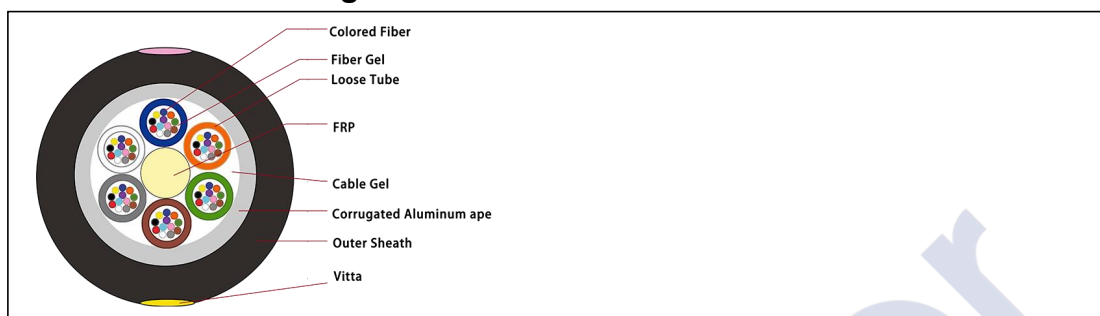


GYFTA Outdoor Stranded Loose Tube FRP APL Armor Optical Fiber Cable

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. Then an aluminum tape (APL) is armored longitudinally around the cable core, which is filled with water blocking compound. Finally a PE jacket is extruded.

Product features

- Good mechanical and thermal performance.
- Hydrolysis resistant loose tube.
- Fiber gel ensures critical protection of fiber.
- Specially designed stranded compact 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.
 - APL moisture barrier.

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)	10.4	10.4	11.3	11.3	12.6	14	15.5	16.0	18.0
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

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