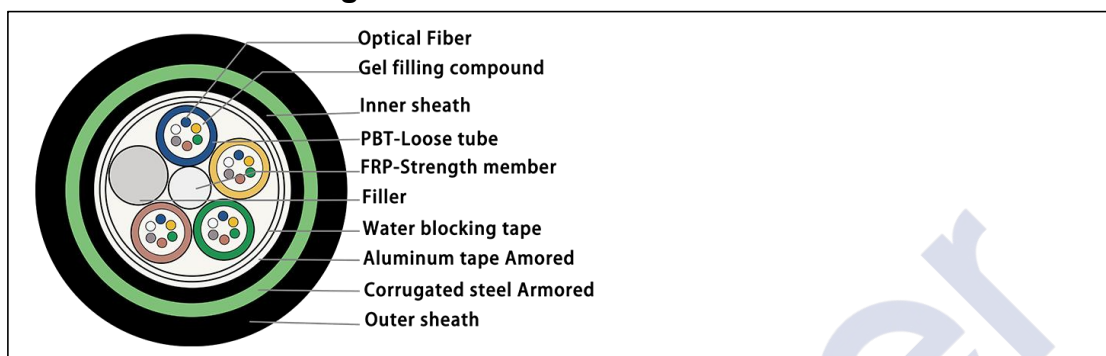


## GYFTA53 Outdoor Stranded Loose Tube FRP APL CST Multi-Armor Double-jacket Optical Fiber Cable

### 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 to form the cable core. An Aluminum tape(APL) is applied around the cable core, which is filled with the water-blocking compound. Then the cable core is covered with a PE inner jacket. After the corrugated steel tape(CST) is longitudinally armored over the inner jacket, the cable is completed with a PE outer jacket.

### Product features

- Good mechanical and thermal performance.
- Steel wire as the central strength member.
- Hydrolysis resistant loose tube.
- Tube filling compound ensures critical protection of fiber.
- Stranded compact structure eliminating contraction of tubes.
- Rugged, durable PE sheath protects against UV radiation, fungus etc.
- Crush resistance and flexibility.
- Water-blocking measures:

- Loose tube gel-filled.
- 100% cable filling compound.
- APL moisture barrier.
- Corrugated steel tape (CST) enhancing moisture-proof.

### Application

Direct-burial / 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

<b>Cable Diameter(mm)</b>	<b>13.9</b>	<b>13.9</b>	<b>14.7</b>	<b>14.7</b>	<b>16</b>	<b>17.4</b>	<b>18.9</b>	<b>19.3</b>	<b>21.3</b>
<b>Reference weight(Kg/km)</b>	<b>178</b>	<b>178</b>	<b>199</b>	<b>199</b>	<b>234</b>	<b>274</b>	<b>320</b>	<b>327</b>	<b>398</b>
<b>Fiber Type</b>	<b>G652D G655 G657 50/125 62.5/125</b>								
<b>Tensile Strength(N)</b>	<b>Long/Short Term:1000/3000</b>								
<b>Crush Resistance(N/100mm)</b>	<b>Long/Short Term:1000/3000</b>								
<b>Bending Radius(mm)</b>	<b>Static/Dynamic:12.5D/25D</b>								
<b>Temperature(°C)</b>	<b>Storage /Operation:-40°C~+70°C</b>								

