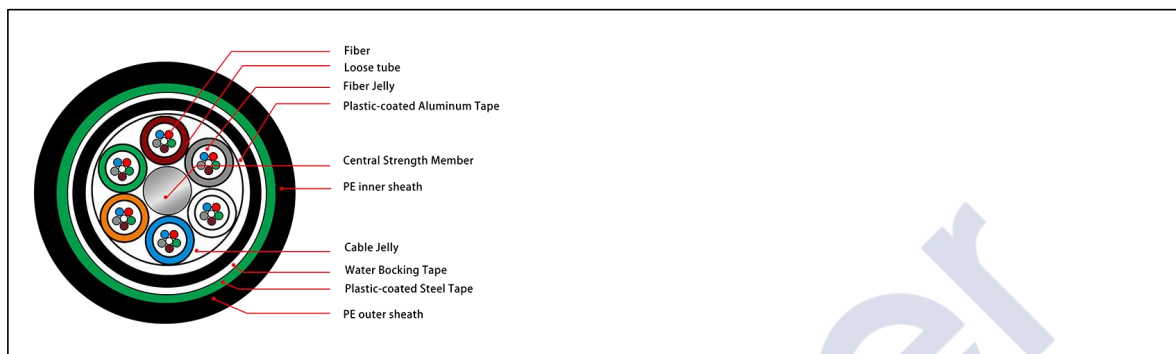


## GYTY53 Outdoor Stranded Loose Tube CST Armor

### 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 metallic strength member to form the cable core. Then the cable core is filled with water-blocking compound and 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 gel ensures critical protection of fiber.
- 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.
  - 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	5	6	8	10	12	18	24
Cable Diameter(mm)	12.1	12.1	12.4	12.6	14	15.4	16.6	16.8	18.7
Reference weight(Kg/km)	153	153	156	167	202	234	267	271	333

<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>

unionfiber