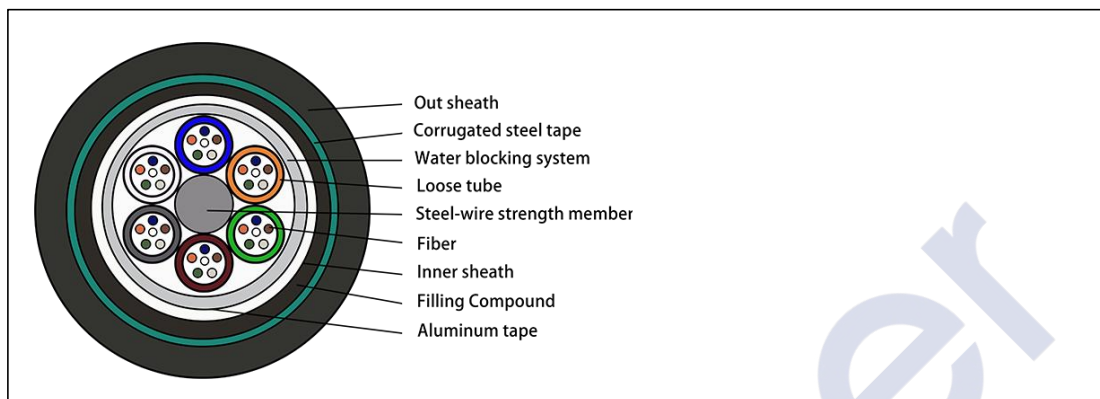


GYTA53 Outdoor Stranded Loose Tube APL CST

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 metallic strength member to form the cable core. An Aluminum tape (APL) is applied around the core, which is filled with the water-blocking compound. Then the cable core is covered with a PE inner jacket. After the steel tape 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.
 - 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	5	6	8	10	12	18	24

Cable Diameter(mm)	13	13	13.3	13.6	14.9	16.4	17.6	17.8	19.7
Reference weight(Kg/km)	174	174	178	191	226	263	297	301	366
Fiber Type	G652D G655 G657 50/125 62.5/125								
Tensile Strength(N)	Long/Short Term:1000/3000								
Crush Resistance(N/100mm)	Long/Short Term:1000/3000								
Bending Radius(mm)	Static/Dynamic:12.5D/25D								
Temperature(°C)	Storage /Operation:-40°C~+70°C								

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