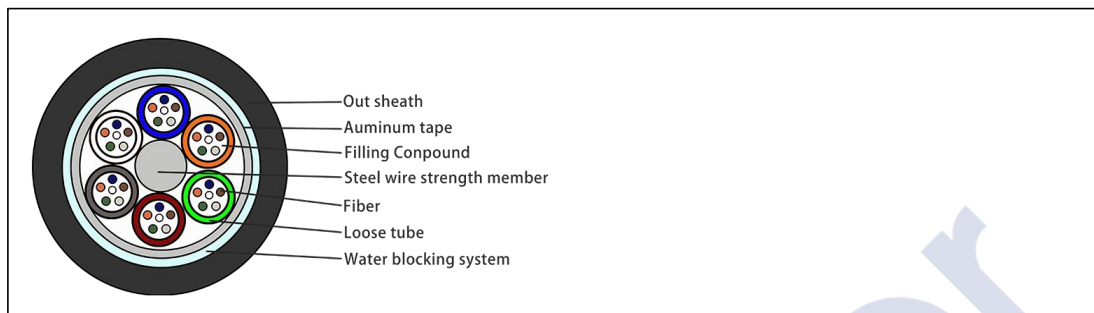


GYTA Outdoor Stranded Loose Tube APL Armor Optical Fiber Cable

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 metallic strength member to form the cable core filled with water blocking compound. An Aluminum tape (APL) is armored longitudinally around the core. Finally a PE jacket is extruded.

Product features

- Good mechanical and thermal performance
- Steel wire as the central strength member
- Hydrolysis resistant loose tube
- Specially designed stranded compact structure eliminating contraction of tubes
- Rugged, durable PE jacket protects against UV radiation, fungus etc.
- 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)	5	6	5	6	8	10	12	18	24
Cable Diameter(mm)	9.2	9.6	9.7	10.2	11.5	12.8	14.0	14.3	16.2
Reference weight(Kg/km)	77	91	87	105	128	152	178	185	232
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:10D/20D								
Temperature(°C)	Storage /Operation:-40°C~+70°C								