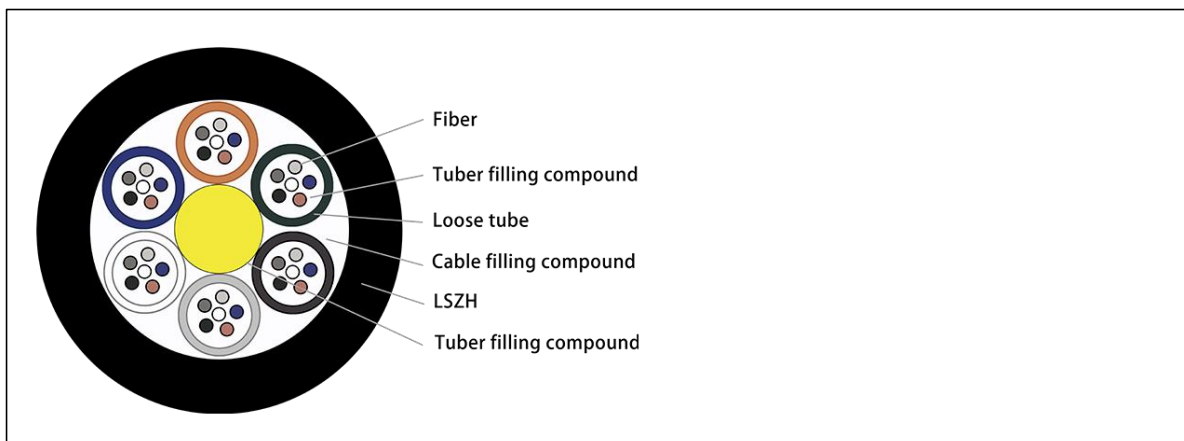


GYFTZY All Dielectric Flame-retardant Stranded Loose Tube FRP Optical Fiber Cable

Product Structure Diagram



Product Description

The fibers are positioned in loose tubes that are made of high-modulus plastic and filled with tube gel. The tubes (and fillers) are stranded around a non-metallic central strength member to form a cable core. Then, a LSZH outer jacket is extruded.

Product features

- Good mechanical and thermal performance.
- FRP as the central strength member.
- Hydrolysis resistant loose tube.
- Tube filling gel ensures critical protection of fiber.
- Specially designed stranded compact structure eliminating contraction of tubes.
- LSZH jacket ensuring good flame-retardant Performance.

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) | 9.8 | 9.8 | 10.7 | 10.7 | 12.0 | 13.4 | 14.9 | 15.3 | 17.3 |
| Reference weight(Kg/km) | 102 | 102 | 121 | 121 | 149 | 182 | 221 | 227 | 289 |
| 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 | | | | | | | | |