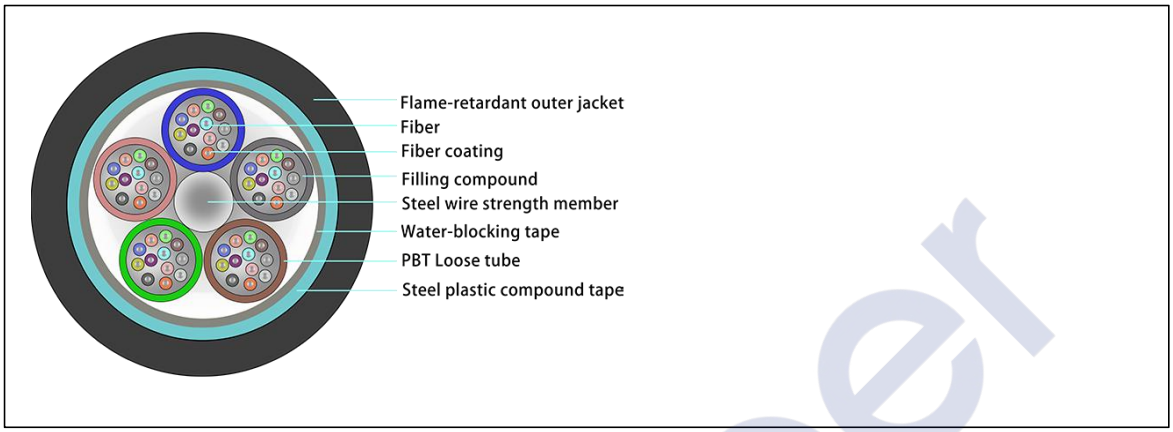
GYTZS Flame-retardant Stranded Loose Tube CST Armor Optical Fiber Cable

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 metallic central strength member to form a cable core, which filled with water blocking compound. Then the core is armored with corrugated steel tape(CST). Finally, a LSZH outer jacket is extruded.

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.
- Specially designed stranded compact structure eliminating contraction of tubes.
- LSZH sheath ensuring good flame-retardant performance.
- Crush resistance and flexibility.
- Water-blocking measures:

- Loose tube gel-filled.

-100% cable filling compound.

- Corrugated steel tape (CST) enhancing moisture-proof.

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)	110	125	121	142	170	201	232	240	296

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(℃)	Storage /Operation:-40℃~+70℃