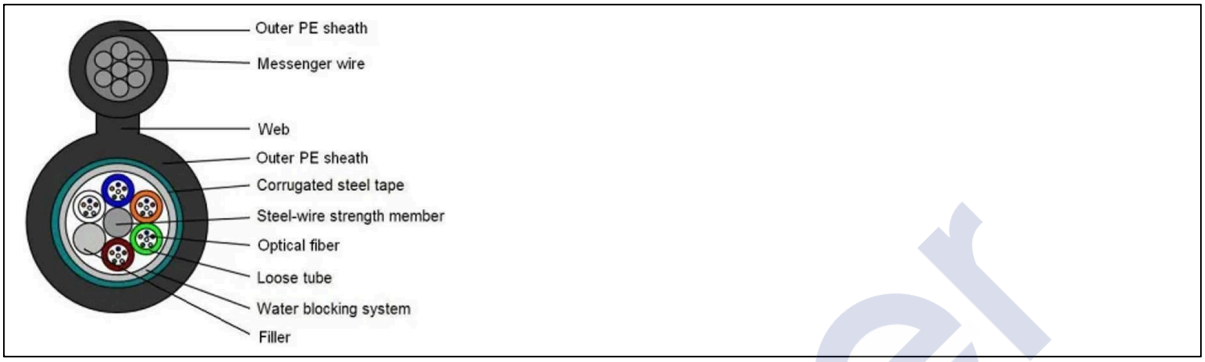
GYTC8S Stranded Loose Tube CST Armor Figure 8 Steel Wires Self-supporting Optical Fiber Cable

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.The core is filled with water-blocking compound and armored with corrugated steel tape(CST). Stranded steel wires are applied as the messenger. Finally, a figure-8 PE outer jacket is extruded.

Product features

- Figure-8 design, easy for self-supporting aerial installation,reducing installation costs.
- Small size, light weight and soft, easy for installation.
- Hydrolysis resistant loose tube.
- Tube gel ensures critical protection of fiber.
- Corrugated steel tape(CST) enhancing moisture-proof.

Application

Self-support 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*16.2	9.6*16.6	9.7*16.7	10.2*17.2	11.5*18.5	12.8*19.8	14.0*21.0	14.3*21.3	16.2*23.2
Reference weight(Kg/km)	145	160	160	177	203	230	260	263	312
Fiber Type	G652D G655 G657 50/125 62.5/125								
Steel wire(mm)	1.0*7								
Tensile Strength(N)	Long/Short Term:1000/3500								
Crush Resistance(N/100mm)	Long/Short Term:1000/2200								
Bending Radius(mm)	Static/Dynamic:10D/20D								
Temperature(℃)	Storage /Operation:-40℃~+70℃								