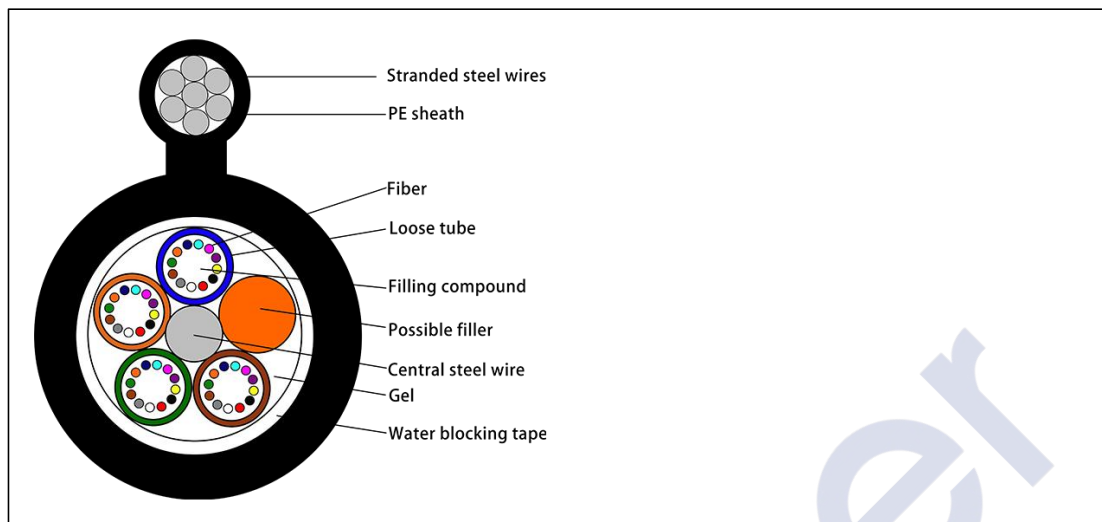


GYFTC8Y Self-supporting Aerial Optical Cable

Product Structure Diagram



Product Description

The structure of GYFTC8Y optical cable is to insert the optical fiber into a PBT loose tube, which is filled with waterproof compound. The center of the cable core is a non-metallic reinforced core, and a loose sleeve (and filling rope) is twisted around the center reinforced core to form a compact and circular cable core. The cable core and steel wire strands are integrated into an 8-shaped polyethylene sheath.

Product features

- Steel wire strands have extremely high tensile strength, making them easy for self-supporting overhead laying and reducing installation costs.
- Has good mechanical and temperature performance.
- Loose tube material itself has good hydrolysis resistance and high strength.
- The tube is filled with special ointment to provide critical protection for the optical fiber.
- Take the following measures to ensure the waterproof performance of optical cables.
- Filling special waterproof compounds inside the loose tube.
- Full section water resistance(excluding suspension cable), optical cable has excellent mechanical and environmental performance.

Application

Aerial self-supporting.

Technical Specifications

Product Parameters

Project	Technical indicators									
Fiber Counts	30 and below	32-36	38-60	62-72	74-84	86-96	98-108	110-120	122-132	134-144
Cable diameter(mm)	95*19.1	10.1*19.7	10.8*20.4	11.6*21.2	12.4*22	13.1*22.7	13.9*23.5	15.7*24.3	15.5*25.1	16.2*25.8
Outer sheath	PE									
Cable net weight (kg/km)	159	170	179	195	208	222	238	255	273	290
Fiber Type	SM G.652D									
Tensile Strength(N)	Long/Short Term:1000/3000									

Crush Resistance(N/10cm)	Long/Short Term:1000/3000
Bending Radius(mm)	Static/Dynamic:10D/20D
Temperature(°C)	Storage /Operation:-40°C~+70°C

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