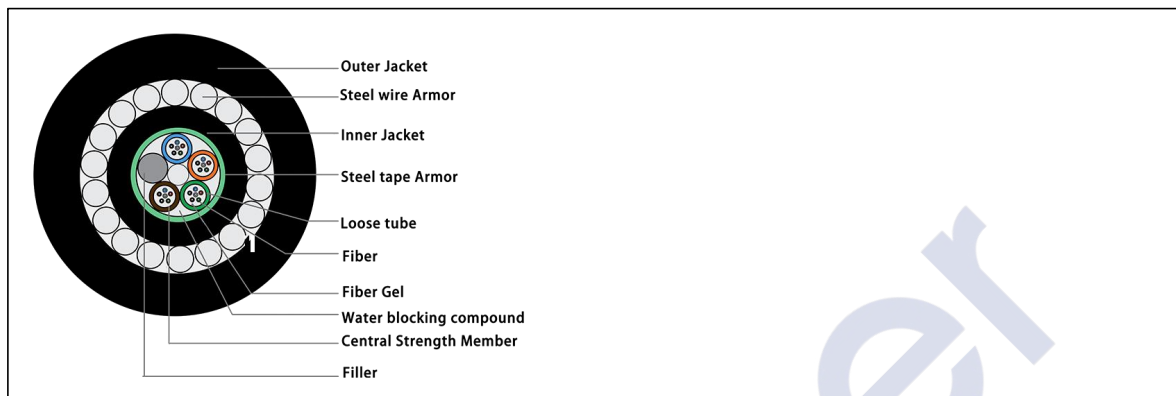


GYTS33 Steel Tape Underwater Armored Fiber Optical Cable

Product Structure Diagram



Product Description

The 250um fiber is placed in a loose tube made of high modulus plastic. The tube is filled with a waterproof compound. The steel wire at the center of the core serves as a metal strength member. The tube (and compound) is twisted around the strength member into a compact round cable core. A corrugated steel tape is applied around the cable core to fill the filling compound to prevent water ingress. The cable core is then covered with a thin polyethylene inner sheath. After the inner sheathed steel wire is installed. The cable is finally finished with a polyethylene outer sheath.

Product features

- Layer stranded direct buried, underwater optical cable, choose high quality optical fiber, ensure the cable has excellent transmission performance.
- Precise control of fiber length, ensure that the cable has excellent mechanical and temperature properties.
- Full section water resistance structure ensures good water resistance and moisture proof performance.
- Special Jelly filled with the tube playing a key role in protecting the fiber.
- Corrosion resistant phosphating steel wire with high young's modulus is used for the central strengthen member.
- Longitudinal double-side coated corrugated steel tape armoring, double layer steel wire wrapped armoring, ensure the cable mechanical compression, bulletproof, meet the requirements of underwater laying.

Application

Applied to under water and directly buried laying.

Technical Specifications

Product Parameters

Project	Technical indicators					
Counts	30	36	60	72	96	144
Reference weight(Kg/km)	352	375	382	436	511	646

Colored Coating Fiber Dimension	250±15 μ m
PBT Tube Dimension	2.0mm±0.1mm
Fiber Type	G652D G655 G657 50/125 62.5/125
Tensile Strength(N)	Long/Short Term:3000/7000
Crush Resistance(N/100mm)	Long/Short Term:1000/1500
Bending Radius(mm)	Static/Dynamic:10D/20D
Temperature(°C)	Storage /Operation:-40°C~+60°C

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