

Stranded Loose Tube Steel Wire Steel Tape Armored Fiber Optic Cable



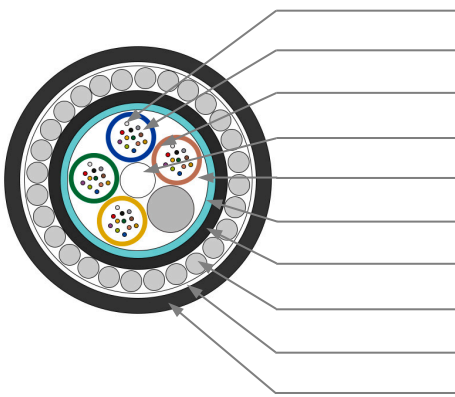
Description

This steel wire and steel tape double armored fiber optic cable has excellent crush resistance because of the heavy armoring. Fiber optic units is armored with corrugated steel tape, steel wire, double sheath and water blocking filling compound, therefore make it suitable for buried and undersea communication.

Features

- Double armored fiber optic cable with corrugated steel tape and steel wire
- Steel wire armoring (SWA) improves tensile and impact resistance
- Double PE sheath, excellent moisture resistance
- Corrugated steel tape outside the stranded loose tube unit
- Water blocking filling compound in loose tube
- APL moisture barrier

Cable Structure



- 1 Optical Fiber
- 2 Tube Filling Compound
- 3 Loose Tube
- 4 FRP Central Strength Member
- 5 Fillers
- 6 Corrugated Steel Tape
- 7 PE Inner Sheath
- 8 Steel Wire
- 9 Water-blocking Materials
- 10 PE Outer Sheath

Technical Characteristics

| Fiber Count | Tubes | Fillers | Cable Weight Ref. (kg/km) | Tensile Strength Long/Short Term (N/100mm) | Crush Resistance Long/Short Term (N/100mm) | Bending Radius Static/Dynamic (mm) |
|-------------|-------|---------|---------------------------|--|--|------------------------------------|
| 2~36 | 1~6 | 5~0 | 801 | 4000/10000 | 3000/5000 | 12.5D/25D |
| 2~36 | 1~6 | 5~0 | 984 | 10000/20000 | | |

Applications: Duct, Buried, Underwater