

Stranded Loose Tube Steel Tape Double Armored Fiber Optic Cable



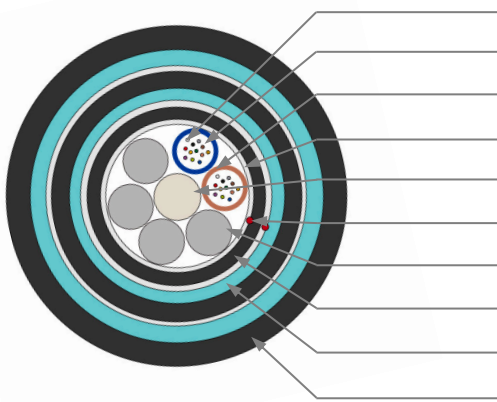
Description

It is a fiber optic cable which has good performance of resisting external mechanical damage and preventing soil erosion. Fiber optic units are armored with metal rugged steel table, water-blocking materials, and double sheath outside, which makes it is available for directly buried in the ground.

Features

- Good mechanical properties and temperature characteristics
- Dielectric FRP central strength member
- Water-blocking materials moisture-proof layer
- Double side plastic coated rugged steel tape (PSP)
- Fiber filling compound protection
- Stranded loose tube for large fiber counts
- Rodent resistance for direct buried application
- Extra PE sheath protection

Cable Structure



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

Technical Characteristics

Fiber Count	Loose Tubes	Fillers	Weight (kg/km)	Tensile Long/Short Term (N/100mm)	Crush Long/Short Term (N/100mm)	Bending Radius Static/Dynamic (mm)
2~36	1~6	5~0	310	1000/3000	1000/3000	18.5D/27.5D
38~60	4~5	1~0	317			
62~72	6	0	327			
74~96	7~8	1~0	362			
98~120	9~10	1~0	398			
122~216	11~18	5~0	445			

Applications: Buried