

Stranded Loose Tube Aluminum/Steel Tape Double Sheath Armored Fiber Optic Cable



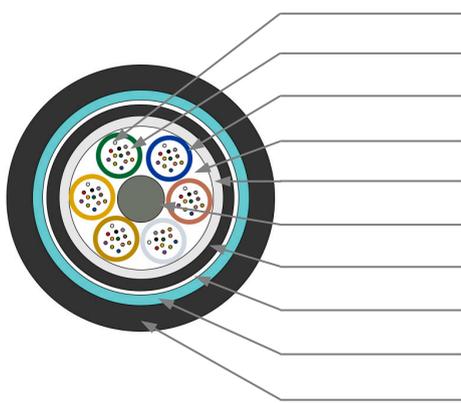
Description

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 aluminum table, water-blocking materials, steel tape and double sheath outside, which makes it is available for directly buried in the ground.

Features

- Good mechanical properties and temperature characteristics
- Single steel wire as central strength member
- Plastic coated aluminum tape (APL) moisture-proof layer
- Double side plastic coated steel tape (PSP)
- Fiber filling compound protection
- Stranded loose tube for large fiber counts
- Water-blocking materials
- Double PE sheath

Cable Structure



- 1 Optical Fiber
- 2 Tube Filling Compound
- 3 Loose Tube
- 4 Cable Filling Compound
- 5 APL Aluminum Tape
- 6 Central Strength Member
- 7 PE Inner Sheath
- 8 Water-blocking Materials
- 9 PSP 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	177	1000/3000	1000/3000	12.5D/25D
38~60	4~5	1~0	194			
62~72	6	0	204			
74~96	7~8	1~0	239			
98~120	9~10	1~0	275			
122~216	11~18	5~0	312			

Applications: Buried, Duct