

Central Uni-Tube Corrugated Steel Tape Armored Fiber Optic Cable



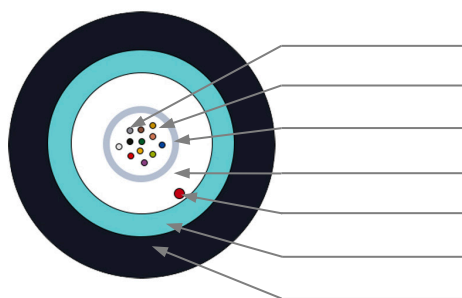
Description

The CST fiber optic cable has a metal protect layer of corrugated steel tape between the loose tube and outer cable sheath. All optical fiber is placed into a fiber jelly filled loose tube, and an extra fiber glass yarn inside the CST armor. With large fiber count, a central strength member and will be added among the multi loose tubes. And cable is finished with a PE, LSZH cable sheath.

Features

- Corrugated steel tape as cable armoring
- Low cost and small uni-tube diameter for easy installation
- Water blocking materials and hydrolysis resistant high strength loose tube
- Excellent crush and tensile pressure resistance
- Good mechanical and temperature characteristics
- Long delivery length
- Choices for optical fiber and fiber count

Cable Structure



- 1 Optical Fiber
- 2 Tube Filling Compound
- 3 Loose Tube
- 4 Water-blocking Glass Yarn
- 5 Rip Cord
- 6 Corrugated Steel Tape
- 7 PE Sheath

Technical Characteristics

Fiber Count	Loose Tube Structure	Fiber per Tube	Loose Tube Diameter (mm)	CSM / pad Diameter (mm)	Outer Sheath Thickness (mm)	Cable Diameter (mm)	Tensile Strength Short Term (N)	Crush Short Term (N/100mm)
4	1	4	2.4±0.1	-	1.5±0.1	8.1±0.5	1100N	1000N
8	1	8	2.4±0.1	-	1.5±0.1	8.1±0.5		
12	1	12	2.4±0.1	-	1.5±0.1	8.1±0.5		
24	1	24	3.2±0.1	-	1.5±0.1	8.7±0.5		
48	1+6	12	2.0±0.1	2.3/2.3	1.6±0.1	12.2±0.5	2600N	1000N
96	1+8	12	2.0±0.1	3.4/3.4	1.6±0.1	13.1±0.5		
144	1+12	12	2.0±0.1	3.4/6.3	1.6±0.1	15.9±0.5		
288	1+9+5	12	2.0±0.1	3.0/4.2	1.6±0.1	17.8±0.5		

Applications: Duct, Aerial