

# Stranded Multi Loose Tube Aluminum Tape Light Armored Fiber Optic Cable



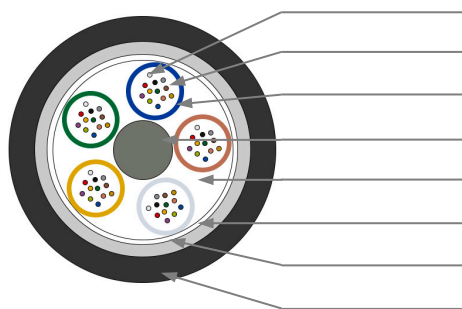
## Description

This MLT (multi loose tube) armored fiber optic cable has a central strength member among multi loose tube and fillers, and an aluminum armor tape outside the loose tubes. They provide optical fiber inside critical protection from outside impact and tensile pressure.

## Features

- Steel wire used as the central strength member
- Aluminum tape enhancing moisture-proof and protection
- Good mechanical and temperature performance
- High strength hydrolysis resistant loose tube
- Fiber filling compound protection
- Crush resistance and flexibility
- PE sheath protect cable from ultraviolet radiation

## Cable Structure



- 1 Optical Fiber
- 2 Tube Filling Compound
- 3 Loose Tube
- 4 Central Strength Member
- 5 Cable Filling Compound
- 6 Water-blocking Materials
- 7 Corrugated Aluminum Tape (APL)
- 8 PE 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)
2~30	1~5	4~0	76	600/1500	300/1000	10D/20D
32~36	6	0	85			
38~60	4~5	1~0	90			
62~72	6	0	113			
74~96	7~8	1~0	136			
98~120	9~10	1~0	163			
122~216	11~18	5~0	190			
288	24	0	239			

**Applications:** Duct, Aerial