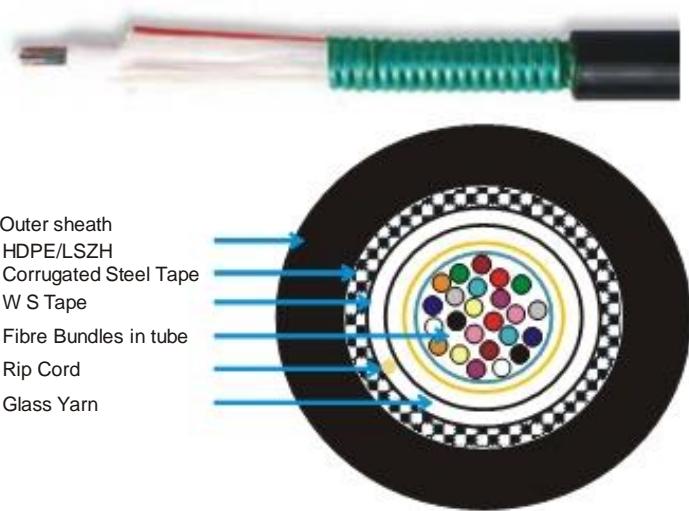


# Uni- Tube Design

## CST Armoured Cables

### PRODUCT DESCRIPTION

Single Loose tube cables offer a low cost alternative to traditional stranded loose tube cables. Armored cables are designed for improved mechanical and rodent protection in direct buried applications. The loose tube design offers reliable transmission performance over a broad temperature range. The rugged single loose tube design features optical fibres placed inside a single gel-filled tube. The core tube includes up to 24 distinctly colored fibers. The core is wrapped with flexible strength members and covered with a water-blocking tape. A corrugated steel armor is applied and then encased with a black jacket. Rip cords are included under the armor for ease of access to the core tube.



### APPLICATIONS

- Direct buried and underground duct
- Trunk, distribution and feeder cable
- Local loop, metro, long-haul and broadband network

### FEATURES

- Multiple Fibre types
- Corrugated Steel Armour
- Highly flexible

### ADVANTAGES

- Multiple network applications
- Reduces cable preparation and installation time
- Easy Handling
- Reduces cost
- Improves compressive strength and rodent protection

### SPECIFICATIONS

Fibre Count	Available from 2F to 24F
Standards Compliance	Telecordia GR-20, IEC 60794, EIA/TIA, ITU-T, EN187000, RUS1755.900

### ENVIRONMENTAL SPECIFICATIONS (TEMPERATURE)

Operation / Storage	-40 to +70 Degree Celsius
Installation	-30 to +75 Degree Celsius

FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10cm)	BENDING RADIUS (mm)	
			Installation	Operation		Temporary	Permanent
6	8.8	90	1500	750	4000	88	176
12	8.8	90	1500	750	4000	88	176
24	10.5	100	1500	750	4000	105	210