

Multi - Tube Double Sheath Design

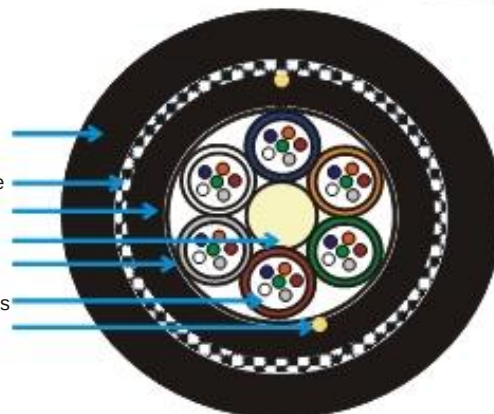
CST Armoured Cables

PRODUCT DESCRIPTION

Loose tube cables are the product of choice as the backbone in Outside Plant (OSP) environments. The rugged loose tube design offers reliable transmission performance over a broad temperature range. Optical fibres and water-blocking elements are placed inside buffer tubes. The core is constructed by stranding the buffer tubes around a central member. The core is wrapped with flexible strength members covered with a polyester tape then encased with a black inner jacket. A corrugated steel armor is applied and a black outer jacket completes the cable construction. Rip cords are included under the inner jacket and armor for ease of entry.



Outer sheath
HDPE/LSZH
Corrugated Steel Tape
Inner Sheath PE
FRP Rod
Polyester Tape
Loose Tube with Fibres
Rip Cord



APPLICATIONS

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

FEATURES

- Multiple fibre types including hybrid
- Dry core standard (Optional)
- Corrugated Steel Armour

SPECIFICATIONS

Fibre Count	Available from 2F to 144F
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

ADVANTAGES

- High Fibre density
- Multiple network applications
- Reduces cable preparation and installation time
- Improves compressive strength and rodent protection
- Speeds fibre access and cleanup

FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10cm)	BENDING RADIUS (mm)	
			Installation	Operation		Temporary	Permanent
2-24	13.8	170	2670	1500	4000	138	276
26-48	14.5	195	2670	1500	4000	145	290
50-72	15.0	200	2670	1500	4000	150	300
74-96	16.0	240	3000	2000	4000	160	320
98-120	17.5	285	3000	2000	4000	175	350
122-144	18.5	320	3000	2000	4000	185	370