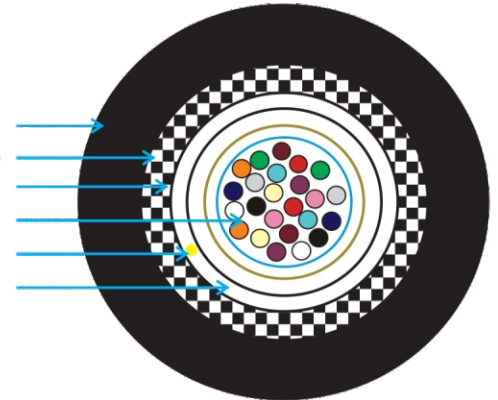


PRODUCT DESCRIPTION

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 Outer sheath 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.



Outer sheath
HDPE/LSZH
Corrugated Steel Tape
W S Tape
Fibre Bundles in tube
Rip Cord
Glass Yarn



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