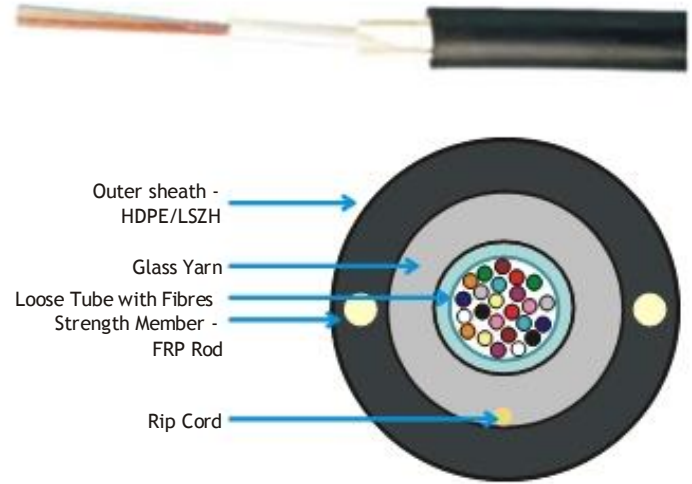


Uni - Tube Design

Duct Cables

PRODUCT DESCRIPTION

Single Loose tube cables offer a low cost alternative to traditional stranded loose tube cables. 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 tube is then helically wrapped with water-blocking strength members, then encased with a black jacket. A rip cord is included under the jacket to provide ease of access to the core tube.



APPLICATIONS

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

FEATURES

- Available with upto 24 fibres
- Multiple Fibre types including hybrids
- Outer Strength members available in metallic or dielectric
- Small Cable Diameter

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

ADVANTAGES

- High fibre density
- Multiple network applications
- Reduces cable preparation and installation time
- Reduces cost
- Installation of more fibres in less space

FIBRE COUNT	DIAMETER (mm) Nominal	WEIGHT (Kg./Km) Nominal	TENSILE STRENGTH (N)		CRUSH RESISTANCE (N/10cm)	BENDING RADIUS (mm)	
			Installation	Operation		Temporary	Permanent
2-12	8.0	50	1000	800	2000	80	160
16-24	9.0	65	1000	800	2000	90	180