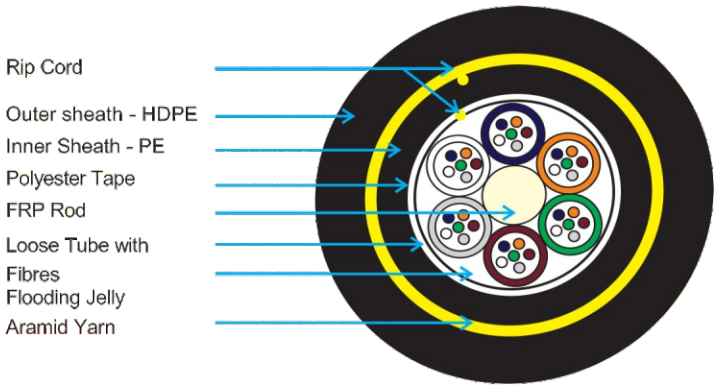
Multi - Tube ADSS Double Sheath Design

Aerial Cables

PRODUCT DESCRIPTION

ADSS (All Dielectric Self Supporting) cables are designed for installation on poles in distribution and transmission environment mainly where live wire installation is required.Optical fibres inside gel filled tubes are stranded around a central strength member. The core is water blocked by use of suitable water blocking elements. Inner PE sheath is provided over which a layer of Aramid yarn is uniformly distributed that provides the necessary tensile strength. The outer sheath is then extruded over this core. Ripcords facilitate access to the cable core. ADSS cables are suitable for use in harsh environment. These cables are designed based on the required span length and the prevailing environmental conditions.



APPLICATIONS

- Aerial, Underground duct and Direct Burial
- Trunk, distribu tion and feeder cable
- Power utilities

SPECIFICATIONS

Fibre Count	Available from 2F to 144F
Standards Compliance	Telecordia GR-20, IEC 60794, EIA/TIA, ITU-T, EN187000, RUS1755.900, IEEE-P1222

FEATURES

- Anti-tracking resistance
- Multiple fiber types including Hybrids
- Self supporting
- Uni tube designs available

ENVIRONMENTAL SPECIFICATIONS (TEMPERATURE)

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

ADVANTAGES

- Live power line installation
- Multiple network applications
- Dielectric design eliminates grounding issues
- Increase in lifetime die to anti -tracking property
- Reduces number of tools required due to absence of messenger

Note: Custom designs for various span lengths available upon request.

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	13.5	140	4000	2500	2000	135	270
26-48	13.5	140	4000	2500	2000	135	270
50-72	14.5	160	5000	3000	2000	145	290
74-96	15.5	180	6000	4000	2000	155	310
98-120	17.0	220	6000	4000	2000	170	340
122-144	18.5	260	6000	4000	2000	185	370

The above shown cable designs are our standard designs, however, customised designs can also be offered on specific request.