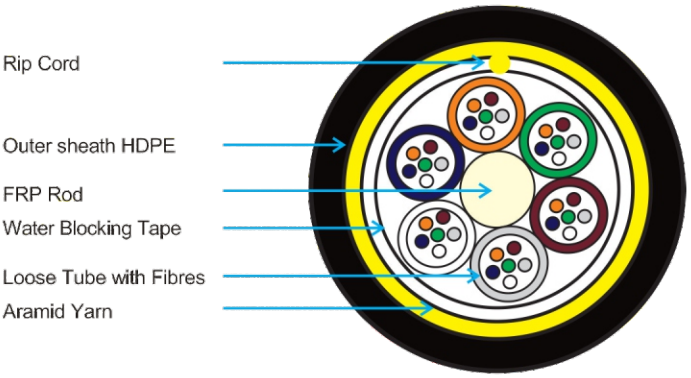
Siechem
Wires & Cables

Multi- Tube ADSS Single 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. A layer of Aramid yarn uniformly distributed provides the necessary tensile strength. The outer sheath is 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, distribution and feeder cable
- Local loop, metro, long-haul and broadband network

SPECIFICATIONS

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

FEATURES

- Available with upto 144 fibres
- Multiple Fibre types including hybrids
- Dry co re standard (Optional)
- Uni -tube designs are also available upto 24 Fibres

ENVIRONMENTAL SPECIFICATIONS (TEMPERATURE)

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

ADVANTAGES

- High fibre density
- Multiple network applications
- Dielectric design eliminates grounding issues
- Reduces cable preparation and installation time
- Reduces the number of tools required
- 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	11.5	120	3000	1500	2000	115	230
26-48	11.5	130	3000	1500	2000	115	230
50-72	12.5	150	3000	1500	2000	125	250
74-96	13.5	180	4000	2000	2000	135	270
98-144	16.5	195	4000	2000	2000	165	330

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