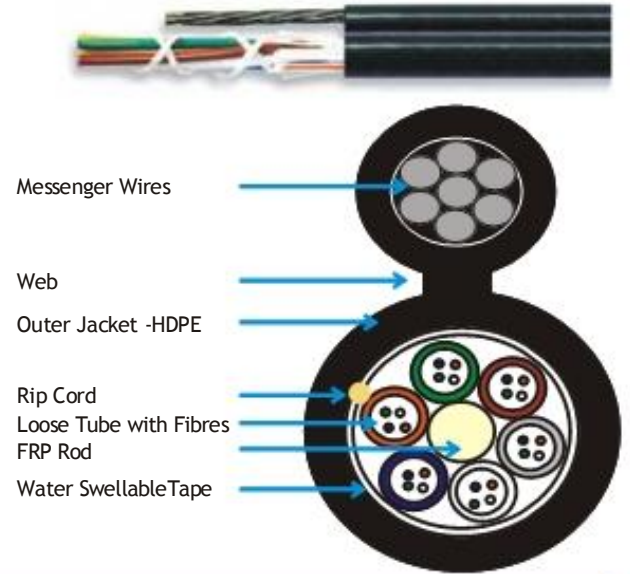


Multi - Tube Figure-8 Design

Aerial Cables

PRODUCT DESCRIPTION

Figure of 8 cable design offers an alternative for aerial cable installations in stringent environmental conditions. The optical fibers are placed inside gel-filled buffer tubes. The core is constructed by stranding the buffer tubes around a central strength member and covered with suitable water blocking elements and then sheathed with an outer jacket and an integrated steel messenger. A rip cord is provided for easy access to the cable core. A stranded messenger wire is sheathed along with the core in the form of figure of 8.



APPLICATIONS

- Aerial self support
- Trunk, distribution and feeder cable
- Local loop, metro, long-haul and broadband network

FEATURES

- Available upto 144 fibres
- Multiple Fibre types including hybrids
- Wet core (Optional)
- Confirms to standard pole attachment hardware
- Uni-tube designs are also available upto 24Fibres.

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
- Reduces the number of tools required
- Speeds fibre access and cleanup
- Standard installation practices

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	10.0 X 17.0	130	5000	2500	2000	100	200
26-48	10.0 X 17.0	130	5000	2500	2000	100	200
50-72	11.0 X 17.5	145	6000	3000	2000	110	220
74-96	12.2 X 18.5	175	6000	3000	2000	122	244
98-120	14.0 X 20.5	200	6000	3000	2000	140	280
122-144	15.5 X 22.0	230	6000	3000	2000	155	310