

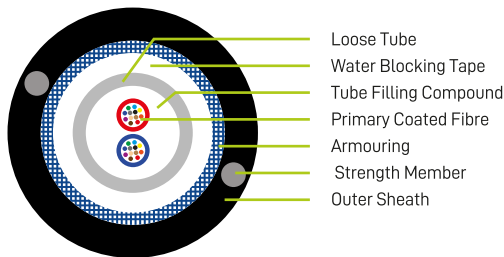
CENTRAL-TUBE ARMORED CABLE (2 - 24 FO)

Applications

- In areas where high mechanical load is required.
- Suitable in area of rodent menace.
- Direct burial & Inside duct.



Typical Cross Section Of 24 Fibres

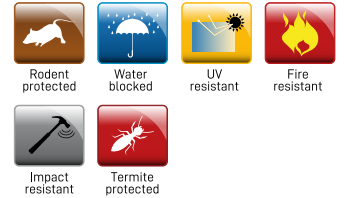


- Loose Tube
- Water Blocking Tape
- Tube Filling Compound
- Primary Coated Fibre
- Armouring
- Strength Member
- Outer Sheath

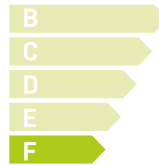
Features



Mains quality



CPR class



Cable Construction Details

- Up to 48 fibres. Available with any Multimode and Singlemode.
- Metallic anti-buckling steel rod as strength member. Embedded in outer sheath (also available with non metallic strength member FRP rod).
- Loose buffer tube fully filled and centrally placed in the cable.
- Electrolyte chrome plated, corrugated steel tape armored.
- UV Stabilized PE Outer sheath, black (also available with FR PVC/HFFR/LSZH outer sheath).

Color Coding - Fibre & Tube



* For Fibre count more than 12F, bundles in multiple of 12F will be formed with color identification binder (Blue, Orange, Green & Brown)

Technical Characteristics

FIBRES COUNT	DIAMETER (mm)	WEIGHT (Kg/km)	TENSILE STRENGTH (N)		BENDING RADIUS (mm)		TEMPERATURE RANGE (IEC 60794-1-2-F1)	
	Nominal	Nominal	Installation	Operating	Temporary	Permanent	Installation	Operating
12F	8.3	75	1500	750	15D	20D	-10° to + 50°C	-40° to + 70°C
48F	9.8	100	1500	750	15D	20D	-10° to + 50°C	-40° to + 70°C

Special Features

- Lighter weight cable for faster and easier installation.
- Robust construction.
- Corrugated steel tape acts as protection against rodents and mechanical protection.

Drum Length

- 2000/3000/4000 meters ± 5%.

Mechanical Characteristics

- Repeated Bending (IEC 60794-1-2-E6) 30 Cycle, r= 20 X D, 5Kg Load, D = Cable D.
- Torsion Resistance (IEC 60794-1-2-E7) 10 Cycle (± 360°) 5Kg Weight, L = 2 Mtr.
- Crush Resistance (IEC 60794-1-2-E3) 1000 N (100 X 100 mm) for 600 sec.
- Impact Resistance (IEC 60794-1-2-E4) Height 100mm, Weight= 5Kg, 3 Nos.
- Kink Resistance (IEC 60794-1-2-E10) 10 x D, D = Cable D Water.
- Penetration (IEC 60794-1-2-F5B) 1 Mtr Water Head, 3 Meter Cable Sample, 24 Hours.