

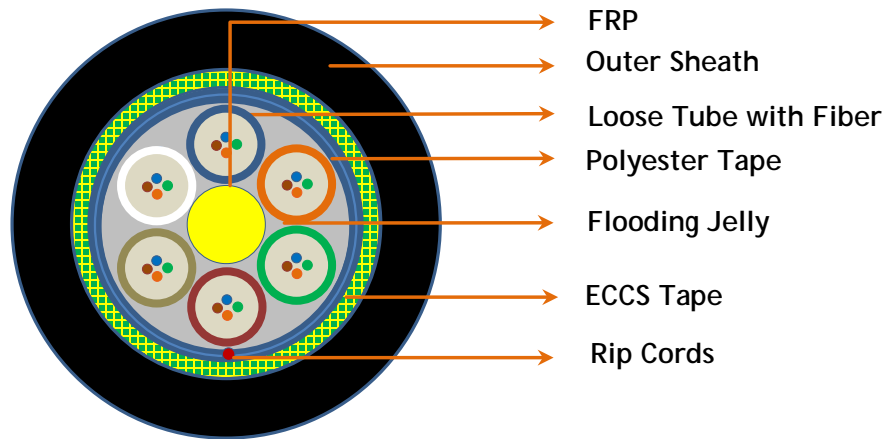
Armored Cables

Construction Details

Armoured Multitube cable with Single Jacket Steel Tape Armoured cables are suitable for direct burial as well as for duct applications. This cable is stranded Loose tube cable with Optic fibres are placed inside the robust buffer tube. Stranded around the fibre reinforced plastic (FRP) central strength member. Loose tubes contain water blocking jelly and cable core flooded with jelly and core surrounds with Polyester tape to prevent water ingress in the interstices of cable core. Corrugated steel tape armour surrounds the cable core with HDPE/LSZH jacket.

Product Applications

These cables are typically used for Outside plant applications, including duct, direct and lashed aerial in harsh environments.



Features

- Steel tape armored and PE jacket provides the rodent protections.
- Tensile and crush resistance.
- Multiple designs with ripcords with easy and quick mid span access.
- Flexible, Light weight, easy to handle & install.
- UV Protected.
- Tightly controlled Physical Parameters.
- Combinations of all types if fibers are available on request.

Specifications

Fiber Count	No. of fibers per Tube	No. of Elements	Cable Diameter (mm)	Cable Weight (Kg/Km) Nominal	Tensile Strength (N)	Crush Resistance (N/10cm)
04F	2	6	9.8 ± 0.8	99	1700	2000
06F	2	6	9.8 ± 0.8	99	1700	2000
08F	4	6	9.8 ± 0.8	99	1700	2000
12F	4	6	9.8 ± 0.8	99	1700	2000
24F	4	6	9.8 ± 0.8	100	1700	2000
48F	8	6	10.6 ± 0.8	115	1700	2000
96F	12	8	12.3 ± 1.0	155	1700	2000

Environmental Specifications(Temperature)

- Operation and Storage : -40°C to +70°C
- Installation : -20°C to +70°C

Standards Compliant

- ITU-T
- IEC 60793 & 60794
- Telcordia GR-20
- EIA/TIA

Product Options

- Available with all kinds of Single Mode and Multimode Fibres.
- Length Option of 2.0, 4.0 Km.

Ordering Code : CTS-FOC-ARC-XXX-YYY-KM

- XXX = OS1, OS2, OM1, OM2, OM3, OM4 (Type of Fiber)
- YYY = 04F, 06F, 08F, 12F, 24F, 48F & 96F (No. of Fibers)
- KM = Length in Kilo Meters (Example: 20 for 2 Kilo Meters)