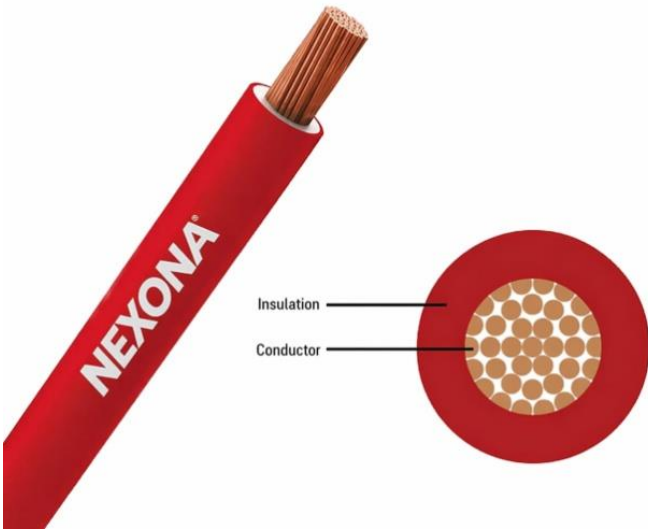


Atula Cables makes Single Core, Unsheathed, Multi Strand Flexible, High Conductivity Plain Annealed Copper, HR FR PVC Insulated Industrial Cables in Voltage Grade up to and including 1100 Volts, as per IS 694, with latest amendments.

There is an ever increasing load of electronics and electrical equipments in our lives. More equipment gets plugged into a system than what it is designed to handle. This overloading leads to reduction of cable life and ultimately a short circuit. Normal PVC cables are suitable for maximum operating temperature of 70°C whereas Atula HR FR Cables can operate continuously up to 85° Centigrade. The FR property of the insulation retards the propagation of flame without compromising with safety, enhancing the life of an electrical system and giving you protection you deserve.



Lead Free



Fire-Safe



True Length



Anti Rodent



RoHS

KEY FEATURES

- ✓ Fire Resistant (FR) Properties
- ✓ High Oxygen & Temp Index
- ✓ 99.9% Pure Electrolytic Copper

- ✓ Safe operation in standard domestic condition
- ✓ Available in 6 Vibrant Colors
- ✓ Anti-Rodent & Termite Proof
- ✓ Specially Formulated Insulation
- ✓ ROHS Compliant

Technical Data Hub

Verified parameters according to Indian Standard protocols.

IS 694 Certified

CERTIFIED

100% Pure Electrolytic Copper

CONDUCTOR

INSULATION

Fire Resistant (FR) PVC, 90°C rated

VOLTAGE RANGE

600V - 1100V

TEMPERATURE RANGE

-30°C to +90°C

STANDARDS

IS 694, IEC 60228 Certified

FLAME RETARDANT

FRLS Certified

FIRE RESISTANCE

IEC 60332-1 Compliant

NOMINAL SIZES

1.0 sq.mm to 70 sq.mm

COLOR OPTIONS

Red, Black, White, Blue, Yellow, Green

CORE INSULATION

Fire Resistant (FR) PVC

CONDUCTOR

Multi-strand Bright Annealed Copper

STANDARD LENGTH

90m (Attractive Gift Box)

PROJECT PACKING

180m / 270m Jumbo Packs

1.0 SQ.MM CAPACITY

14/0.3, 11-12 Amps

4.0 SQ.MM CAPACITY

56/0.3, 24-29 Amps

Single core PVC insulated bare copper conductor unsheathed 1.1 KV cable wire				
Nominal Area (Sq. mm.)	Insulation Thickness (mm)	Outer Diameter (Approx)	Current Rating (Amps)	Max. DC Resistance Ohm/Km at 20°C
0.5	0.6	2.1	4	39
0.75	0.6	2.27	7	26
1	0.6	2.44	12	19.5
1.5	0.6	2.66	16	13.3
2.5	0.7	3.27	22	7.98
4	0.8	3.99	29	4.95
6	0.8	4.52	37	3.3
10	1	5.9	51	1.91
16	1	7	68	1.21
25	1.2	8.77	86	0.78
35	1.2	9.67	110	0.554
50	1.4	11.44	145	0.386
70	1.4	13.44	215	0.272

