

COMPLETE WIRING SOLUTIONS



Advance-EFFR | Telephone Cable | Advance-FR | FR-LSH

Anchor wire, no fire!



*Consumer Superbrand 2014-15 awarded for Electrical Wiring Devices.

ISO 9001:2008
CERTIFIED COMPANY

Cu International Copper Association India
Copper Alliance



IS : 694
CML/IL-NO: 115963
CML/IL-NO: 1796187

COMPLETE WIRING SOLUTIONS



WIRES AND CABLES

Anchor PVC insulated wires & cables are produced in two most modern state-of-the-art manufacturing facilities located at Daman & Kutch. The fully automatic plants incorporate the latest in cable technology and manufacturing technique with electronic / PLC based machines, which ensure a high degree of quality and consistency. At the core of Anchor's strength is a team of highly qualified and experienced engineers and technologists, which oversees operations with total commitment to quality and continuous endeavor for improvement to give the customers value for money. The cable range is manufactured as per IS 694 consist of building wire, single & round multi-core industrial flexible cable for panel wiring, appliance, etc flat 3-core cable for submersible pump & telephone & switch board cable up to 10 pair.

The conductor in Class 2 and 5 is made with electrolytic grade copper with 99.97-99.99% purity, certified by ICAI (International Copper Association of India). The PVC insulation provided as per IS 5831 is Type A (70°C conductor temperature rating) or Type C (85°C conductor temperature rating) with improved fire performance Category C1 Fire Retardant (FR) & Category C2 Fire Retardant Low Smoke & Halogen (FR-LSH) as per IS 694.

LIGHT DUTY CABLE BUILDING WIRES



Advance - FR (Flame Retardant)

First in India, Anchor Introduced Advance FR (Flame Retardant) Wire conforming to IS 694, 1100V with specially formulated proprietary PVC compound giving exceptional flame retarding properties to the insulation. It has higher oxygen and temperature index of 30%⁺⁺ and 300°C against specified category C1 values of 29% and 250°C respectively.

Virtually packed with molecular fire fighters, it does not burn even in severe fire situations.



Advance-EFFR

"India's first Advance FR PVC Extra flexible Germfree Antibacterial (as per JIS Z 2801 & ASTM 2149 standard) wires with an additional high value functional properties those act as an active ingredient for biocides that prevents the antimicrobial surface effects providing an additional protection, restriction on growth of the bacteria and thereby supporting in extended product and human life. Also the advanced formulated PVC of special ingredients with extra fire fighting properties and higher oxygen & temperature index than those of normal PVC. These wires contain stress inhibitors that does not break conductor supported by extra 60% annealing and also enhances the flexibility & bending capability providing excellent performance even in harsh electrical conditions. The higher bending capacity (15% to 20% more bending than other building wires), results in enhanced bending radius & is more economical too. Plus, India's only wire with 101%⁺⁺ conductivity, reduced heat generation and saving considerable power resulting in reduced electricity bills".



FireGUARD FR-LSH (Flame Retardant Low Smoke and Halogen)

Comes with 32%⁺⁺ Oxygen & above 300°C Temperature Index which are higher than the specified values for improved fire performance for Category C2. Higher the index value, greater the non-combustibility. Anchor FR-LSH wire emits at least 50% less smoke than comparable wires with even lesser amount of corrosive halogen acid and toxic gases below 18% against the 20% specified value.

COMMUNICATION CABLE



TELEPHONE & SWITCHBOARD CABLE

Anchor Telephone & Switchboard cable is designed for improved transmission quality giving voice clarity and eliminating cross talk. It is most suitable for indoor inter-connection of telephone, intercom system and EPBX, and in central exchange for distribution, switching and transmission. Use of high purity electrolytic copper conductor of uniform diameter and balanced low resistance eliminates voice loss, giving crisp clarity.

INDUSTRIAL, RESIDENTIAL, COMMERCIAL & IRRIGATION CABLE

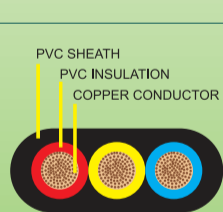


MULTI-CORE FLEXIBLE CABLE

Multi-core PVC Insulated & Sheathed Flexible cable conforming to IS 694 is made with a highly flexible conductor and specially formulated FR (Flame Retardant) flexible PVC insulation and sheathing compound that impart superior flexibility to the cable. Also, made with HR/FR grade PVC for higher ambient temperature.



2 CORE 3 CORE 4 CORE



SUBMERSIBLE PUMP / MOTOR CABLE

Flat 3 Core Submersible Pump / FLAT Cable is a specialized product with custom made PVC grades designed to preclude water ingress and perform in adverse operating conditions exposed to elements of nature, under sun or water, in mud and slush, with least care to maintain it.

SINGLE CORE UNSHEATHED 1100 V PVC INSULATED WIRE WITH COPPER CONDUCTOR

Product Code	Nominal Area of Conductor sq.mm	Nominal Thickness of Insulation mm	Approx Overall Diameter of Cable mm	Current Rating 2 cable single phase ac/dc amp	Max DC Resistance at 20° C ohm/km as per IS : 694	Std. Pkg.
MULTI STRAND - ADVANCE FR (Flame Retardant)						
27380	0.75	0.6	2.5	7	26.00	12
27390	1.00	0.7	2.8	13	18.10	12
27404	1.50	0.7	3.2	16	12.10	12
27415	2.50	0.8	3.8	22	7.41	8
27426	4.00	0.8	4.3	30	4.95	6
27437	6.00	0.8	4.9	36	3.30	4
27448	10.00	1.0	6.2	51	1.91	2
27459	16.00	1.0	7.3	69	1.21	2
27460	25.00	1.2	9.0	91	0.78	1
93256	35.00	1.2	10.2	115	0.554	1
Fire GUARD FR-LSH (Flame Retardant Low Smoke and Halogen)						
27506	1.00	0.7	2.8	13	18.10	12
27517	1.50	0.7	3.2	16	12.10	12
27528	2.50	0.8	3.8	22	7.41	8
27539	4.00	0.8	4.3	30	4.95	6
27540	6.00	0.8	4.9	36	3.30	4
27550	10.00	1.0	6.2	51	1.91	2
27572	16.00	1.0	7.3	69	1.21	2
27357	25.00	1.2	9.0	91	0.78	1
93259	35.00	1.2	10.2	115	0.554	1
Advance-EFFR						
96102	0.75	0.6	2.8	8	26	12
96103	1.00	0.6	3.0	12	19.5	12
96104	1.50	0.6	3.4	17	13.3	12
96105	2.50	0.7	4.0	24	7.98	12
96106	4.00	0.8	4.8	30	4.95	8
96107	6.00	0.8	6.4	38	3.30	6

AVAILABLE COLOURS

RED YELLOW GREEN BLUE BLACK



Certifications: ISO 9001:2008 CERTIFIED COMPANY

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Unique Features Of Anchor Building Wires

- India's first Advance FR insulated wire
- India's first wire with 101%⁺⁺ conductivity
- India's only rated wires
- 100% electrolytic grade copper

As per Bureau of Indian Standards, the area of conductor shown above is nominal. The size of the conductor is determined by its resistance.

The construction of the conductor is as per international practice and should be treated as a guideline only. It may vary within the limits of related Classes and tables of IS 8130

DEALER'S STAMP

Information given here in is in good faith. ANCHOR shall not be liable for any damages arising out of incorrect use.