

COMPLETE WIRING SOLUTIONS



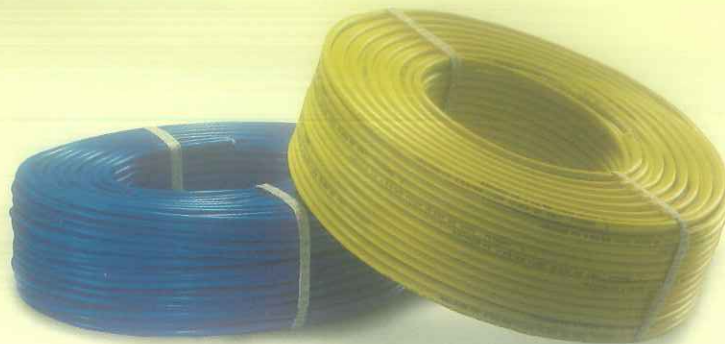
Advance-FR | Advance-EFFR | FireGuard FR - LSH | LAN Cable | Multi Core | Telephone Cable | Twin Cable

Anchor wire, no fire!



*Consumer Superbrand 2014-15 awarded for Electrical Wiring Devices

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, round single & multi-core flexible cable, telephone & switch board cable, lan cable & twin twisted wire.

The conductor in Class 2 and 5 is made with electrolytic grade copper with 99.97% purity, certified by ICAI (International Copper Association of India). The PVC insulation provided as per IS 5831 is Type A FR (70°C conductor temperature rating) & Type C HR (85°C conductor temperature rating) with improved fire performance for Flame Retardant (FR) & Flame 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 280°C against specified values as per IS 694: 2010.

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 inlayers 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)

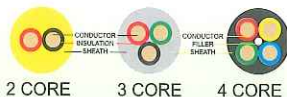
Comes with 30% Oxygen & above 300°C Temperature Index which are higher than the specified values for improved fire performance. Higher the index value, greater the non-combustibility. Anchor FR-LSH wire emits at least 50% less smoke than Ordinary wires with even lesser amount of corrosive halogen acid and toxic gases below 18% against the 20% specified value as per IS 694:2010.

INDUSTRIAL, RESIDENTIAL, COMMERCIAL CABLE



MULTI-CORE FLEXIBLE CABLE

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



2 CORE 3 CORE 4 CORE

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.

NEW ARRIVAL

UTP CAT 6 LAN CABLE

Stay Connected...



- Comply with Cat.6 specifications as per EIA/TIA-568-C.2-1
- 4-pair, 250 MHz unshielded twisted pair (UTP) cable
- 23 AWG solid copper conductor for superior conductivity
- HDPE insulation, PE separator, FR PVC Jacket
- RoHS Compliant
- High ACR values-providing low BER (Bit Error-Rate)
- Extremely high pair-balance-providing excellent EMC (Electromagnetic compatibility)
- Minimum radiation and maximum noise immunity.
- High speed data access
- Cable supports data transfer speeds up to 1000Mbps - Gigabit
- Packaged in an easy-to-pull box for easier installation in 305Mtr

Twin Wire *Insist on safety*

"Twisted Flexible" wire is commonly used for temporary connection to fulfil domestic & commercial single point need. Safety aspect may be ignored by users when temporary connections are taken. In such situations, SAFETY being a prime concern for Anchor by Panasonic, we are introducing high quality of Twin Wire manufactured with 100% electrolytic grade copper & FR PVC.

Features & Uses:

- 100% electrolytic grade copper
- FR PVC insulation
- Ideal for single connection & decorative lights

Common Sizes:

- 2C X 0.5 sqmm having 4 amp. current carrying capacity
- 2C X 0.75 sqmm having 7 amp. current carrying capacity



Difference : Anchor Twin wire vs local available twin wire in market:

S.No.	Parameter	Anchor Twin wire	Local Twin wire
1	Standard	IS 694	No standard
2	Copper Conductor	100% Electrolytic	Recycled copper
3	Insulation	FR PVC	Recycled PVC
4	Conductivity	101%	Less than 70%
5	Flexibility	Flexible	Hard
6	Annealing	60% extra as per IS	Below IS
7	Bunching	100% bunched	Parallel
8	LOI	>29.5%	<23%
9	Temperature Index	>250°C	< 150°C

Precaution : Not to be used where earthing is required.

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:8130	Std. Pkg. (No of coils)
MULTI STRAND - ADVANCE FR (Flame Retardant)						
27380	0.75	0.6	2.4	7	26.00	12
27390	1.00	0.7	2.7	12	18.10	12
27404	1.50	0.7	3.1	16	12.10	12
27415	2.50	0.8	3.7	22	7.41	10
27426	4.00	0.8	4.1	29	4.95	8
27437	6.00	0.8	4.7	37	3.30	6
27448	10.00	1.0	6.3	51	1.91	2
27459	16.00	1.0	7.3	68	1.21	2
27460	25.00	1.2	9.0	86	0.78	1
93256	35.00	1.2	10.2	110	0.554	1
Fire GUARD FR-LSH (Flame Retardant Low Smoke and Halogen)						
27506	1.00	0.75	2.8	11	19.50	12
27517	1.50	0.75	3.2	14	13.30	12
27528	2.50	0.85	3.7	19	7.98	10
27539	4.00	0.85	4.2	29	4.95	8
27540	6.00	0.85	4.7	37	3.30	6
27550	10.00	1.0	6.3	51	1.91	2
27572	16.00	1.0	7.3	68	1.21	2
Advance-EFFR						
96102	0.75	0.6	2.4	7	26.00	12
96103	1.00	0.6	2.7	11	19.50	12
96104	1.50	0.6	3.0	14	13.30	12
96105	2.50	0.7	3.5	19	7.98	10
96106	4.00	0.8	4.1	29	4.95	8
96107	6.00	0.8	4.7	37	3.30	6

*As per bureau of Indian standards, the area of conductor shown above is nominal. The size of conductor is determined by its resistance

AVAILABLE COLOURS

RED YELLOW GREEN BLUE BLACK



Certifications: ISO 9001 : 2015, ISO 14001: 2004, BS OHSAS 18001: 2007, EN ISO 50001:2011



Unique Features Of Anchor Building Wires

- India's first Advance FR insulated wire • India's only 90% rated wires
- India's first wire with 101% conductivity • 100% bunching
- 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 8130:2013



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DEALER'S STAMP

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



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