Protection
Beyond Conductivity

MESCAB
SmartLiving

HOUSE WIRE

PRICE LIST
Effective from 20th March, 2026

About MESCAB

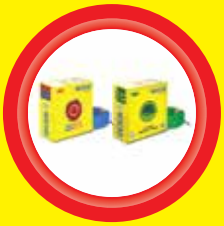
MESCAB is a leading name in the Indian electrical industry, known for manufacturing high-performance cables with a strong focus on quality, reliability, and innovation. The company has built a solid reputation by consistently delivering value-driven solutions across diverse market segments.

With a progressive vision, MESCAB offers a comprehensive range of products engineered to meet stringent quality standards. It's products are certified under the Bureau of Indian Standards (BIS) and supported by globally recognized certifications including ISO, ERDA, CPRI, RTC, CE, RoHS, and NABL, ensuring superior safety, durability and performance.

Backed by integrated manufacturing, a robust supply chain and a wide distribution network, MESCAB ensures seamless delivery and exceptional customer service. The company remains committed to innovation and sustainability through the use of rigorously tested and certified raw materials.

MESCAB's excellence has been recognized with the ZEE Dare to Dream Award (Company of the Year – Cables & Allied). It has also been honored by HINDALCO as one of the largest copper buyers in Eastern India and featured by Industry Outlook among the Top 10 Cable Manufacturers, reinforcing its leadership in the industry.

Products Range:

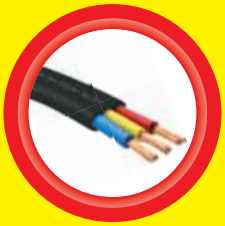


FR & FRLSH-LF House Wires

FR & FR-LSH Wires Project Pack

Multicore Cable

Single Core Higher Size Cable



Submersible Cable

LT Power & Control Cables

Mescab Wire Advantages:

99.97 %

Copper Purity

O_2

High Oxygen Index

Extra Flexibility

Enhance Current Capacity

Energy Efficient

High Strength Insulation

Flame Resistant

Mescab Wire Certification:

ERDA · CPRI · BIS · RTC · NABL · ISO 9001:2015 · CE · RoHS Certification

FR
PVC Insulated Single Core Cables - **45 Mtrs**

Flame Retardant (FR) PVC Insulated (Unsheathed) industrial single core multi strand cable with Electrolytic Grade Annealed Copper Conductor suitable up to 1100 Volt grade confirming/generally confirming to IS:694

Nominal Area of Conductor (Sq. mm.)	Number/ Nom. Dia* of Wire (mm)	List Price Per 45 Mtrs. Coil (Rs.)	Standard Packing Number of Coils
1.0	32/0.2	1240	40
1.5	30/0.25	1808	30
2.5	50/0.25	3008	20
4.0	56/0.3	4576	16
6.0	84/0.3	6800	10

FR
PVC Insulated Single Core Cables - **90 Mtrs**

Flame Retardant (FR) PVC Insulated (Unsheathed) industrial single core multi strand cable with Electrolytic Grade Annealed Copper Conductor suitable up to 1100 Volt grade confirming/generally confirming to IS:694

Nominal Area of Conductor (Sq. mm.)	Number/ Nom. Dia* of Wire (mm)	List Price Per 90 Mtrs. Coil (Rs.)	Standard Packing Number of Coils
0.5	16/0.2	1328	30
0.75	24/0.2	1900	24
1.0	32/0.2	2454	20
1.5	30/0.25	3578	16
2.5	50/0.25	5984	10
4.0	56/0.3	9116	6
6.0	84/0.3	13600	1

Extra Flexibility | Available Skin Colours:

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FRLSH-LF
PVC Insulated Single Core Cables - **90 Mtrs**

Flame Retardant Low Smoke Halogen-Lead Free (FRLSH-LF) PVC Insulated (Unsheathed) industrial single core multi strand cable with Electrolytic Grade Annealed Copper Conductor suitable up to 1100 Volt grade confirming/generally confirming to IS:694

Nominal Area of Conductor (Sq. mm.)	Number/ Nom. Dia* of Wire (mm)	List Price Per 90 Mtrs. Coil (Rs.)	Standard Packing Number of Coils
0.75	24/0.2	1968	24
1.0	32/0.2	2540	20
1.5	30/0.25	3680	16
2.5	50/0.25	6160	10
4.0	56/0.3	9380	6
6.0	84/0.3	13960	1

MANUFACTURING OF MESCAB WIRE

The Process involves multiple stages, as shown below

01 Raw Material

Electrolytic-grade copper rod
(8 mm diameter)

02 Wire Drawing

The first process is called Drawing. It is done in a **German Niehoff machine**. This is the best available technology and machine for this process. Here we are using electrolytic-grade 99.97% pure copper in 8 mm diameter copper rods, which are processed to bring them to the respective required specific sizes: from 8 mm rods to 0.4 mm, 0.3 mm, and 0.2 mm diameter.

03 Annealing

It's a process of increasing the ductility and conductivity of the copper wire. The process is done in Industry Best German Niehoff Machine. It makes wire the most flexible and easy to use.

04 Bunching

The conductor wire is bunched in a group as per specification of the individual wire, to get the collective diameter. Bunching is also done to make the wire mechanically flexible. This is also done in the most advanced technology Machine of Brand Niehoff.

05 Insulation Extrusion

Next process is Extrusion. In this process Copper cable is insulated. Different types of Insulation material is used as per specification and the application of the cable. For e.g. Special PVC compound is used for FR, FRLSH cable. Engineered for Safety, Performance & Durability.

06 Coiling and Packing

The next process is online coiling. Here the finished product undergoes coiling for packaging and despatch.

07 Quality Control

Each stage undergoes strict quality checks including conductivity, insulation strength, FR/FRLSH performance, low smoke emission and uniformity.

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Prices :

1. The Prices are Ex works & Subject to fluctuate without prior notice.
2. GST and other local taxes (If any) will be charged extra as applicable.
3. Orders placed are subject to Company's confirmation.
4. Goods are dispatched by us on purchaser's risk.
5. This price list supercedes our earlier price list of 07.03.2026
6. Disputes, if any, are subject to Kolkata Jurisdiction.
7. As per international practice which is also adopted by Bureau of Indian Standards, the diameter of the conductor shown above is nominal. The size of the conductor is determined by its resistance. The construction of the conductor is as per market convention and should be treated as a guideline only. It may vary within the limits of IS : 8130 : 1994 with its related classes and tables.

Our product range:

Wires And Cables Product Range:

- FR PVC Insulated Industrial Cables
- FR-LSH PVC Insulated Industrial Cables
- PVC Insulated & PVC Sheathed Multicore Cable
- 3 Core Flat Submersible Cable
- LT Copper Power & Control Cable
- LT Aluminium Power Cable

LED Light Product Range

- LED Panel Light
- LED Down Light
- LED Batten Light
- LED Lamp
- LED Bulkhead Light
- LED Street Light
- LED Flood Light
- LED Highbay Light

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All information given herein is in good faith. MESCAB shall not be liable for any damages arising out of incorrect use or interpretation. The Company reserves the right to change any of the above specifications without any prior notice.

MAKE IN INDIA

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#05 / 2026