

Protection 
Beyond Conductivity

MESCAB
Wires & Cables



HOUSE WIRE

PRICE LIST

Effective from 21st May, 2026

About **MESCAB**

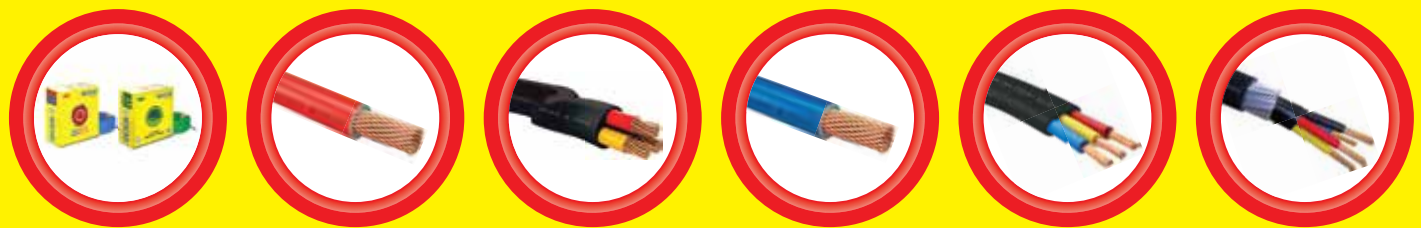
MESCAB is a leading name in the Indian electrical industry, known for manufacturing high-performance cables with a strong focus on quality, reliability, and innovation. The company has built a solid reputation by consistently delivering value-driven solutions across diverse market segments.

With a progressive vision, MESCAB offers a comprehensive range of products engineered to meet stringent quality standards. Its 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:



Copper
Purity

High Oxygen
Index

Extra
Flexibility

Enhance Current
Capacity

Energy
Efficient

High Strength
Insulation

Flame
Resistant

Mescab Wire Certification:



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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
0.75	24/0.2	1060	60
1.0	32/0.2	1354	40
1.5	30/0.25	1964	30
2.5	50/0.25	3264	20
4.0	56/0.3	5090	16
6.0	84/0.3	7540	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	1472	30
0.75	24/0.2	2080	24
1.0	32/0.2	2668	20
1.5	30/0.25	3886	16
2.5	50/0.25	6468	10
4.0	56/0.3	10100	6
6.0	84/0.3	15000	1

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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	2122	24
1.0	32/0.2	2722	20
1.5	30/0.25	3964	16
2.5	50/0.25	6598	10
4.0	56/0.3	10300	6
6.0	84/0.3	15300	1



MANUFACTURING OF MESCAB WIRE

The Process involves multiple stages, as shown below

01

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

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.



Coiling and Packing

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

07

Raw Material

Electrolytic-grade copper rod (8 mm diameter)



02

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



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

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 25.04.2026
- 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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