

# PRODUCT BROCHURE



“ Revolutionizing India’s future with the Electrification Lifeline. Our commitment to sustainable energy solutions will drive economic growth, enhance quality of life. ”

[www.v-marc.com](http://www.v-marc.com)



## ABOUT COMPANY

V-Marc India stands as a symbol of trust and excellence in the electrical manufacturing industry, recognized for its unwavering commitment to innovation and quality. Founded in 2006, V-Marc India is embarking on a significant expansion with the development of a cutting-edge manufacturing unit in its home state, Uttarakhand. This strategic move will further solidify the company's position as an industry leader.

In 2016, V-Marc India's dedication to excellence was acknowledged when it was honored with the prestigious MSME Unit of the Year award by the National Productivity Council under the Make in India initiative. This recognition reflects the company's focus on continuous improvement and its goal of shaping a brighter future for the electrical sector. With expanded capabilities, the new manufacturing unit will achieve a major milestone by producing high-voltage cables of up to 33kV.

At V-Marc India, customer satisfaction is the cornerstone of the company's Vision and Mission. Every step of the manufacturing process is driven by a commitment to high-quality products and a customer-centric approach. The company's state-of-the-art manufacturing facility is equipped with the latest plant and machinery, ensuring that only the best products are delivered to clients. With well-trained personnel, comprehensive testing equipment, and robust quality management systems, V-Marc India consistently adheres to international standards. The company proudly holds multiple certifications, including ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, and ISO 27001:2022, ensuring the highest levels of quality and compliance.

V-Marc India's strong partnerships with industry-leading suppliers such as NALCO, BALCO, HINDALCO, Dow, Borouge and VEDANTA further enhance the company's capabilities and commitment to delivering superior products. The company places a premium on quality control, ensuring strict oversight from the raw material stage through to the finished product. V-Marc India also holds several BIS licenses, including IS:694:2010, IS:17048:2018, IS:1554 (Part-1)/1988, IS-7098 (Part 1-1988), IS:14255/1995, IS:7098 (Pt-2&3), IS-398 (Pt-2:1996), IS:17505: Part 1:2021, and IS:17293:2020.

## Discover Excellence in Connectivity

*As the leading brand in electrical cables, V-Marc India continues to set the benchmark for unmatched performance, reliability, safety, and durability. Industry professionals trust V-Marc India's premium solutions for superior conductivity and peace of mind. With an unwavering commitment to excellence, V-Marc India is poised to elevate your projects and drive the future of electrical infrastructure.*

# e-Beam Cross Linked Products First in India Range of eB<sup>+</sup>Power Cable & eB-HFFR Wires



## Flexi-TUF eB -HFFR Wire

- 80% extra current carrying capacity
- **Rated Temperature** : 150°C
- No Short Circuit
- **Life Span** : 60+ years
- Environmental friendly material
- **Product Range** :  
**Single Core**  
Class -2 - upto 630 sqmm  
Class - 5 - upto 300 sqmm  
2/3/4 Core Upto 300 sqmm
- **Conductor** : Drawn from 99.97% bright electrolytic grade. Copper Class -2/5 with more than 100% conductivity
- **Sheath** : HFFR EBXL (for multicore cable)
- **Insulation** : e-Beam XL Halogen Free Flame Retardant
- **Specifications** : IS : 17048:2018



## eB<sup>+</sup> POWER CABLE

- 30% extra current carrying capacity
- **Rated Temperature** : 125°C
- **Life Span** : 40+ years
- **Conductor** : Electrolytic Grade Aluminum Conductor Class - 1 & 2
- Cross-linked e-Beam XLPE Compound
- **Armouring** : Strip , Wire , GI and Aluminum
- **Outer Sheath** : PVC ST-2/HFFR EBXL / as per customer satisfaction
- **Specifications** : 7098 - Part -1 :1988



## SOLAR & PHOTOVOLTAIC DC CABLE

- **Conductor**: Electrolytic annealed Flexible tinned Copper conductor as per IS:8130 2013, conforms to IEC 60228, Class 5
- **Insulation/Sheath** : Cross-Linked e-Beam XLPO Compound
- **Product Range**: Upto 400 sqmm
- **Rated Temp**: Upto 120°C
- **Material Properties**: Halogen Free, Fire Retardant, Low Smoke Emission
- **Specifications** : IS : 17293 :2020 EN - 50618, IEC - 62930



## FR MULTISTRAND CABLES

Flame Retardant Cable Up To 1100 Volt

- **Conductor** : Drawn from 99.97% bright electrolytic grade. Copper Class -2 with more than 100% conductivity
- **Insulation** : PVC -FR 70°C
- **Product Range** : Up to 630 Sq mm
- **Specifications** : IS-694, IS-8130, IS-5831



## HRFR MULTISTRAND CABLES

Heat Resistant Flame Retardant Low Smoke With Reduced Halogen Cable Up To 1100 Volt

- **Conductor** : Drawn from 99.97% bright electrolytic grade. Copper Class -5 with more than 100% conductivity
- **Insulation** : PVC HR(FR/FR-LSH)-85°C
- **Product Range** : Up to 300 Sq mm
- **Specifications** : IS-694, IS-8130, IS-5831



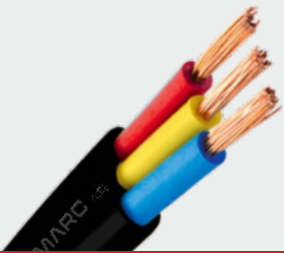
## FRLSH MULTISTRAND CABLES

Flame Retardant Low Smoke Cable With Reduced Halogen Up To 1100 Volt

- **Conductor** : Drawn from 99.97% bright electrolytic grade. Copper Class -5 with more than 100% conductivity
- **Insulation** : PVC-FR-LSH 70°C
- **Product Range** : Up to 300 Sq mm
- **Specifications** : IS-694, IS-8130, IS-5831

## 3 CORE FLAT CABLES (SUBMERSIBLE CABLES)

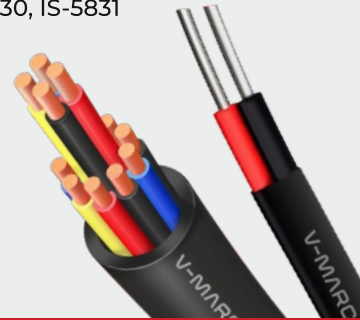
- **Conductor** drawn from 99.97% bright electrolytic grade. Copper Class -5 with more than 100% conductivity
- **Insulation:** PVC TYPE-A/C/XLPE
- **Sheath:** PVC ST-1/2 (FR/FR-LSH)
- **Product Range:** Up to 95 sq mm
- **Specifications:** IS-694, IS-8130, IS-5831 & Generally IS-7098 (Pt-I)



## PVC MULTICORE CABLES

PVC Round Flexible And Other Cables Up To 1100 Volt

- **Conductor:** Aluminium/Copper- Class-1/2/5
- **Insulation:** PVC TYPE-A/C/D
- **Sheath:** PVC TYPE -ST-1/2/3 (FR/FRLSH) .
- **Product Range:**  
Single Core -Up to 630 Sq mm  
2/3/4 Core -Up to 300 Sq mm  
Twenty Five Core- up to 2.5 Sq mm
- **Specifications:** IS-694, IS-8130, IS-5831



## COXIAL CABLES



**High Quality Co-Axial Cable for TV Network**

- Low Attenuation Value
- Low Loss in Signal Quality High Band Width
- Long Life
- Product Range : RG-6
- Conductor: Solid Annealed Bare Copper.

## CCTV CABLES



- High Quality & Reliable
- Transmission of Voice, Video & Data
- Highly Shock Proof & Durable.
- Product Range : CCTV3+1, CCTV4+1
- Conductor: Flexible Bare Copper

## LAN CABLE



CAT 6	CAT 7
Max Speed 1,000 Mbit/s.	Max Speed 10,000 Mbit/s
EN-50173, IEC-11801 & TIA/EIA 568 B-2	ANSI/TIA-568-C.2, ISO 11801, IEC 60603-7
Specified upto 250 MHZ	Specified upto 600 MHZ
Uses twisted copper wires to cancel electromagnetic interference between pairs.	Adds shielding around each twisted pair to prevent interference and crosstalk, ensuring better signal quality

## HT POWER CABLES



IS-7098 Part 2 compliant cables by V-Marc feature XLPE insulation, PVC bedding, and various screening options. Rigorous quality assurance and testing ensure compliance with international standards, offering customized solutions for diverse applications.

### Up To 33 kV

- **Conductor:** Electrolytic Grade Aluminium/Copper - Class-2
- **Insulation:** XLPE
- **Armouring:** Strip/Wire (Steel/Alumn)
- **Sheath:** PVC ST-2 (FR/FR-LSH)/HDPE
- **Product Range:**  
Single Core - Up to 1000 Sq mm  
Three Core Up to 400 Sq mm
- **Specifications:** IS-7098(Pt-2), IS-8130, IS-5831

## AERIAL BUNCHED CABLES

### Up To 11 kV (E)

- **Conductor :** Electrolytic Grade Aluminium and All Aluminium Alloy
- **Insulation :** XLPE/PE
- **Sheath :** PVC ST-2/HDPE
- **Product Range :** Up to-185 sq mm bare/insulated messenger
- **Specifications :** Generally IS-14255, IS-7098(Pt-2), IS-8130



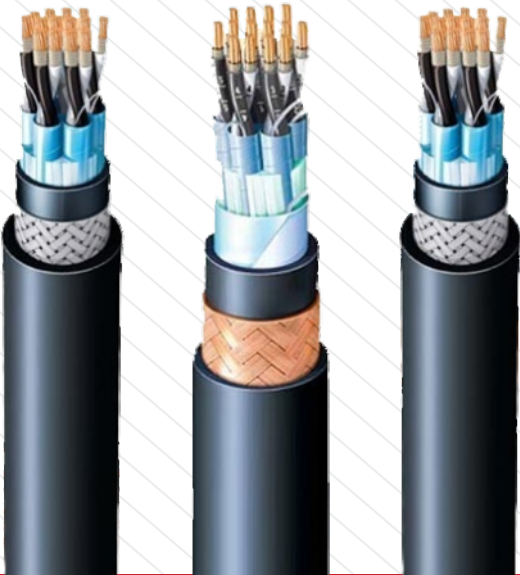
## LT POWER & CONTROL CABLES

### Up To 1100 Volt

- **Conductor :** Electrolytic Grade Aluminium/Copper (Bare or Tinned)-Class-1/2
- **Insulation :** PVC Type-A /C and XLPE
- **Armouring :** Strip/Wire (Steel/Alumn)
- **Sheath :** PVC ST-1/2 (FR/FR-LSH)
- **Product Range :**  
Single Core - Up to 1000 Sq mm  
2/3/4 Four Core - Up to 630 Sq mm  
61 Core Up to 2.5 Sq mm
- **Specifications :** IS-1554, IS-7098, IS-8130, IS-5831



## INSTRUMENTATION CABLES



- **Conductor** : Solid/Stranded/Flexible Copper (Bare/Tinned)
- **Insulation** : PVC-GP/HR;PE, FOAM PE,XLPE,LSZH,EPR, Silicon Rubber
- **Inner Sheath** : PVC-GP/HR/FR/FRLS;PE,LSZH,XL-LSZH
- **Armour** : Galvanised Steel Wire/Strip/Tape/Double Tape/Braid
- **OUTER SHEATH** : PVC-GP/HR//FR/FRLS;PE,LSZH,XL-LSZH
- **SPECIFICATIONS** : BS:5308-1 & II, IEC-189,VDE 0815, IEC:60227, BS:7846 , BSEN 50288-7

## FIRE SURVIVAL CABLES

- Meets Fire resistant test as per IS 17505 : PART 1 : 2021, IEC-60331, BS : 6387 & BS: 7846
- Can survive fire, mechanical shocks & water spray
- Customised designs available
- Available in core/pair/tiad/quad formation



## MODULAR SWITCHES

- Flame Retardant high gloss Thermoplastic material
- Robust Design
- Complies with BIS Standards
- Heavy Metal Contacts for better conductivity
- Easy clean and quick installation



V-Marc India Limited offers Covered Conductors compliant with IS:398(Part-II), IS:398(Part-IV), IEC :61089, EN 50397-1:2006, and BS EN 50182 standards. Designed to prevent wildlife electrocution, these conductors minimize electrical losses and ensure safe power transmission.



- Conductor: AAAC, AAAC AL-59  
AL-59 ACS (Water Tight Conductor)
- Insulation: XLPE
- Sheath: UV Resistant, Anti -Tracking XLPE / HDPE
- Specifications: IS- 398(PT-4) EN-50397-1, SS-4240813 & SS-4240814

## MVCC ACCESSORIES

- 11kV and 33kV (Dia 14mm - 29.2mm)  
All Weather-proof
- **Operational Temp :** 13°C to 150°C  
Type Tested & certified as per NFC/IEC : 50397-2  
Standard and IEC:61109 Standard  
Environmental friendly  
Error proof-Fitting

Mid Span Jointing Kit



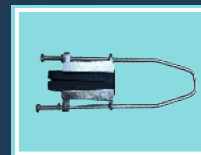
Mid Span Jointing Kit Ferrule



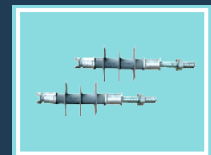
Aluminum Earthing Ball



Tension Clamp



Pin Insulator



## WIRE HARNESS & POWER CORDS

- Wire Harness designed for Automobile, Solar and Railways applications
- Advanced PV wire harnesses for solar installations.
- Offer tailored solutions to meet your specific requirements.
- Adhere to Indian, European and American Standards



# MCB, RCCB, DB

## MINIATURE CIRCUIT BREAKER



**Miniature Circuit Breaker**  
MCB- Protect against over load & short circuit fault of 10KA

**Range:** 06A - 63A

**Execution:** Single Pole, Single Pole + N, Double Pole, Three Pole, Three Pole +N, & Four Pole.

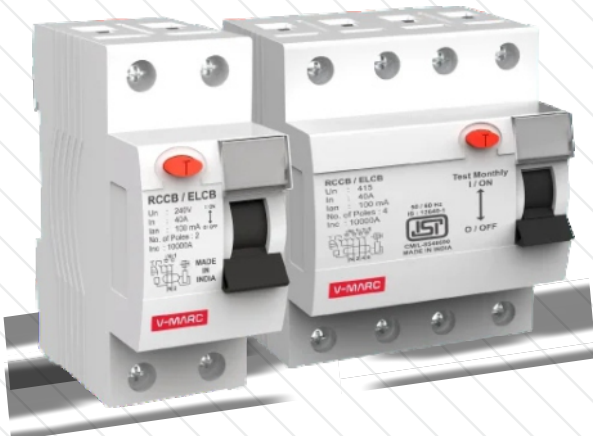
**Specification:** IS/IEC60898

## AUTOMATIC CHANGEOVER WITH CURRENT LIMITER (ACCL)



- IEC : 60947-6-1 Compliant
- Available in single-phase and three-phase configurations, with a capacity of up to 125A
- Fire-retardant nylon PA6 body for added safety.
- Ensures balanced distribution of generator power
- DG Metering models (Class 1.0)
- Microcontroller-based design for enhanced performance.

## RESIDUAL CURRENT CIRCUIT BREAKER



**Residual Circuit Breaker RCCB- Statik Series**

**Range:** 06A - 63A

**Execution:** Double Pole, Four Pole

**Specification:** IS/12640, IEC/ 61008

### Smart Features & Benefits:

- For humans, fire protection against earth leakage.
- Current sensing technology
- AC class protection
- Earth fault indicator & test button

## DISTRIBUTION BOX



### Smart Features & Benefits:

### Enhanced Aesthetics:

- The aesthetically designed front fascia of the DB adds an alluring dimension to the living space.
- A distribution board that you no longer need to hide.
- Marking on sides for perfect installation.
- Power coated, aesthetically common design.

# GEYSERS



**Capacity :** 10 ltr/15 ltr/25 ltr  
Adjustable Temperature Knob

**Power :** 2/3/4.5kW

Anti-corrosive CERAMIC BLUE\* GLASSLINED TANK for long life.

**Warra ty :** Product 2 years/Heating Element 2 yrs/Tank 7 yrs  
SUPER PUFF TECHNOLOGY\* for highest energy efficiency

## ACCESSORIES

**PLUG TOP**



**POWER BUDDY**



**DOOR BELL**



**TRAVEL BUDDY**



**HOLDER**



## FANS

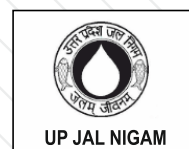
- 100% Copper winding motor
- Available in BLDC Motor which Saves Electricity up to 65%
- Smooth Air Delivery for Consistent cooling
- 2 Years Warranty
- On site service



# NATIONAL PRODUCTIVITY COUNCIL FIRST PRIZE WINNER



## ESTEEMED CLIENTS





# V-MARC

INDIA

Powering Progress Sustainably

## Our Branches Across India

Bihar

Chhattisgarh

Gujarat

Jharkhand

Madhya Pradesh

Kerala

Maharashtra

Odisha

Tamil Nadu

Uttar Pradesh

West Bengal

### Registered Office & Unit 1:

Plot No. 3, 4, 18 & 20A, Sector - IIDC,  
SIDCUL, Haridwar, Uttarakhand - 249403

### Unit 2:

Khasra No-1, 2 & 6, Village- Mukarrabpur,  
Bahadrabad-Bhagwanpur Road,  
Kaliyar, Roorkee, Haridwar, Uttarakhand - 247667

### Sales Office:

3rd floor, C-27 Trapezoid IT Park, C Block,  
Phase 2, Industrial Area,  
Sector 62, Noida, Uttar Pradesh - 201309

### Sales & Export Office:

91, Spring Board, 74, Techno Park, 74/11,  
C Cross Road, Opp. Gate No2, MIDC, SEEPZ,  
Andheri (East), Mumbai, Maharashtra - 400093

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