BMI CABLES
PRIVATE LIMITED
MANUFACTURER OF WIRES AND CABLES

www.bmicables.com

Cable Connections That Lasts.

Intertek

RoHS

An ISO 9001:2015 Company

intertek
Total Quality. Assured.

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

BMI Cables Pvt. Ltd.

Main Site: Works: F-81- 84, Khushkhera, RIICO Industrial Area, Bhiwadi, Distt. Alwar - 301707, Rajasthan, India
has been registered by Intertek as conforming to the requirements of:

ISO 9001:2015

The management system is applicable to:

Manufacture of Elastomeric (Rubber)/PVC/XLPE Power, Control, Instrumentation Cable & Railway Signaling Cable FR/FRLS/FS/ZHLS. Enamel winding wire, submersible winding wire and copper conductors.

Certificate Number:
0006897

Initial Certification Date:
24 September 2013

Date of Certification Decision:
25 July 2022

Issuing Date:
26 July 2022

Valid Until:
29 September 2025

ISO 9001:2015 CERTIFICATION TM
intertek
UKAS MANAGEMENT SYSTEMS
014
MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

Calin Moldovean
President, Business Assurance

Intertek Certification Limited, 10A Victory Park, Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited is a UKAS accredited body under schedule of accreditation no. 014.

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organisation maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at certificate.validation@intertek.com or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.

CT-ISO 9001:2015-UKAS-EN-A4-P-2.Jul.21

ABOUT US

BMI CABLES is a ESS ELL GROUP Company incorporated in 2001, and is one of the leading manufacturer of **Elastomeric (Rubber), PVC, XLPE Power & Control, Mining, Instrumentation and Fire Survival Cables** under the brand name of **"BMI"** at its modern plant at Bhiwadi, District Alwar (Rajasthan), 80 Kms from Delhi.

BMI is accredited with **ISO 9001:2015** certification. This includes well established production lines, modern quality control facilities, up-to-date technical assistance wing and well planned plant utility and offsite facilities. This is supported by a team of dedicated, experienced and well qualified managerial, engineering and other staff. The Company always enjoyed an excellent industrial relations. It has now an integrated cable manufacturing plant with facilities right from wire drawing to packing of the finished products under one roof and produces the cables of high quality as per **ISI, BS and various International Standards like IEC, JIS, VDE, DIN.** It has also designed, manufactured, tested and supplied wires & cables meeting special requirements of various customers.

Presently we have following ISI Licenses under which we are manufacturing:

1. **IS: 9968/Part-1/1988 Vide No: CM/L-8951295/90**
2. **IS: 694/2010 Vide No: CM/L-8671693**
3. **IS: 14494/2019 Vide No: CM/L-3188867**
4. **IS: 1554/Part-1/1988 Vide No: CM/L-8400150006**
5. **IS: 1554/Part-2/1988 Vide No: CM/L-8400165112**
6. **IS: 7098/Part-1/1988 Vide No: CM/L-8400164910**

BMI has implemented an extensive quality assurance and quality control programme. **It's Testing Laboratory is fully equipped with most sophisticated and imported instruments, engineers** are busy checking, testing and ensuring quality of inputs including raw materials as well as the finished products at every stage. **Our products have been successfully type tested In-House and other government testing laboratories.**

OUR CORE VALUES

- To produce high quality products consistently by meeting national & international requirements.
- Focused on product development based on needs of our customers.
- Advancement in technology.
- To strive for long term relations and partnership with our valued Customers, Vendors and Business Associates.
- Enhancement and development of our Human Resources through update training program.

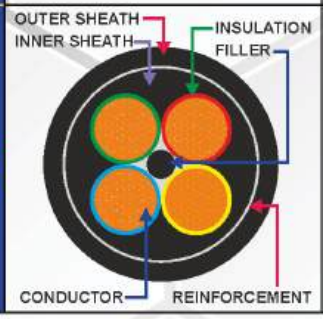
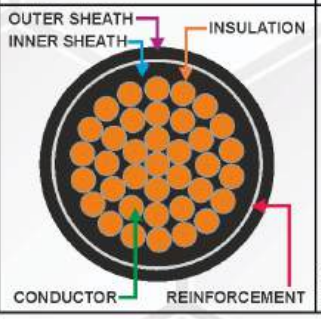
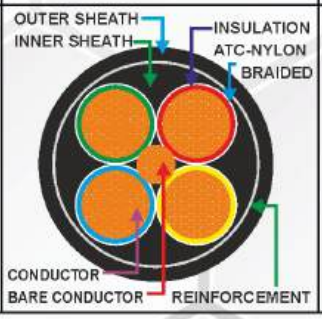
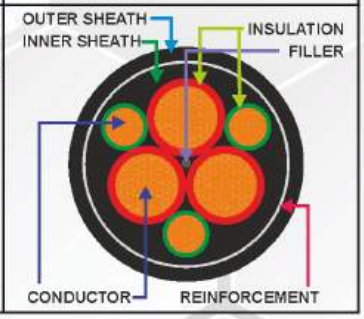
PRODUCT RANGE/ DESIGN AT A GLANCE

ELASTOMERIC (RUBBER) CABLE

"BMI" specializes in design, development and manufacturing of high quality Flexible LT/MV Power, Control & Mining Cables confirming / as per Indian / International standards and customer specification.

These cables are designed to perform in harsh weather conditions and are also abrasion, moisture, water, chemical, ozone, corona, solvent and oil resistant.

Our Range of Products include as follows:

	LT/MV ELASTOMERIC (RUBBER) POWER CABLES Up to 11 KV	LT ELASTOMERIC (RUBBER) CONTROL CABLES (Upto 1.1 KV)	MINING CABLES (Up to 6.6 KV)	COMPOSITE CABLE (Up to 11 KV)
Application	These are flexible cables which are used in Power & Lighting, CRD, Wind turbine, Mobile Machines & Ship Wiring application etc.	These are flexible cables which are used in interconnection of process control, communication for indoor and outdoor application.	These are flexible cables which are used in Under Ground and Opencast Mines for Drill trailing application, LHD/ SDL/ UDM machines, HEMM, Oil Rig, Off-shore and On-shore application.	These are flexible cables which are used in Reeling - Unreeling / CRD application in heavy earth moving machines as Stacker-Reclaimer etc.
Brief Description & Sizes of Cables	**Description** EPR insulated cables confirming / as per IS:9968 Part-I & II, IEC: 60502, BS:6899 or customer requirement. **Sizes:** Single Core cables up to 630 Sq.mm Multi Core cables up to 400 Sq.mm	**Description** EPR insulated cables confirming / as per IS:9968 Part-I, IEC:60502, BS:6899 or customer requirement. **Sizes:** Generally with conductor sizes 1.0/ 1.5/ 2.5/ 4.0 Sq.mm up to 61 Cores.	**Description** EPR insulated cables confirming / as per IS:14494/2019, IEC:60092 or customer requirement. Drill Trailing cable Type FTD-3 SDL/LHD/UDM Machine cable Type FT-7 **Sizes:** Single Core cables up to 300 Sq.mm, Screened/ Unscreened. Multi Core cables up to 185 Sq.mm, Screened/ Unscreened.	**Description** EPR insulated cables as per IS:9968Part-I & II or as per Customer requirement. **Sizes:** Multi Core cables up to 240 Sq.mm with split earth core.
Design Process	**Conductor** Multi Stranded / Solid Annealed Tinned / Bare copper conductor **Insulation:** EPR/ EVA/ Butyl/ Silicon **Inner Sheath :**PCP/ CSP/ NBR-PVC / EVA/ Butyl/ Silicon / LSZH. **Reinforcement :** Nylon / Cotton Yarn Braided. **Outer Sheath:** PCP/ CSP/ NBR-PVC / EVA/ Butyl/ Silicon /LSZH.	**Conductor** Multi Stranded / Solid Annealed Tinned / Bare copper conductor **Insulation:** EPR/ EVA/ Butyl/ Silicon **Inner Sheath :**PCP/ CSP/ NBR-PVC / EVA/ Butyl/ Silicon / LSZH. **Reinforcement :** Nylon / Cotton Yarn Braided. **Outer Sheath:** PCP/ CSP/ NBR-PVC / EVA/ Butyl/ Silicon /LSZH.	**Conductor** Multi Stranded Annealed Tinned copper conductor **Insulation:** EPR **Inner Sheath :** PCP/ CSP **Reinforcement :** Nylon / Cotton Yarn Braided. Screening/ Braiding: ATC combined with Nylon Braiding individually and overall as per application / specification. **Outer Sheath:** PCP / CSP	**Conductor** Multi Stranded / Solid Annealed Tinned / Bare copper conductor **Conductor Screening :** Semi-Conducting Compound / Semi Conducting Tape. **Insulation:** EPR /HEPR **Insulation Screening:** Semi-Conducting Compound. **Inner Sheath :** PCP/ CSP /NBR-PVC **Reinforcement :** Nylon / Cotton Yarn Braided. **Screening/ Braiding:** ATC combined with Nylon Braiding individually and overall as per application wherever required. **Outer Sheath:** PCP/ CSP/NBR-PVC
Cross Sectional View				

Cables are also manufactured as per National / International standards and customer specification.

Abbreviations: EPR: Ethylene Propylene Rubber, **Silicon:** Silicon Rubber, **PCP:** Polychloroprene, **CSP:** Chlorosulphonated Polyethylene, **EVA:** Ethylene Vinyl Acetate, **NBR-PVC:** Acrylonitrile-Butadiene Rubber-Polyvinyl Chloride.

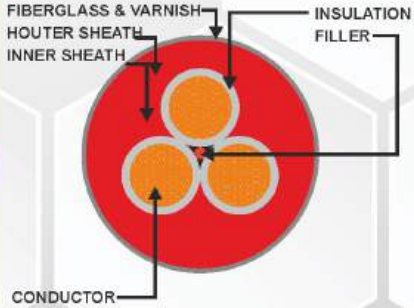
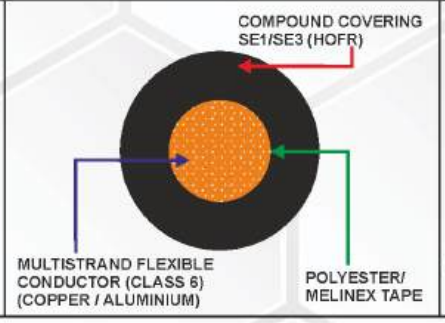
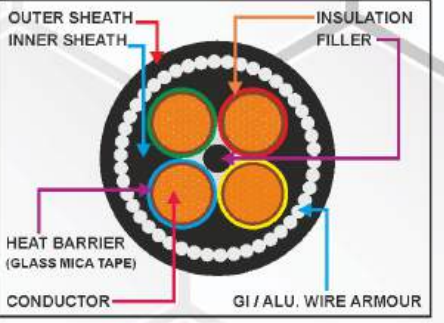
PRODUCT RANGE/ DESIGN AT A GLANCE

ELASTOMERIC (RUBBER) CABLE

"BMI" specializes in design, development and manufacturing of high quality Flexible Silicon Rubber High Temperature Cables, Welding cables and EPR Fire Survival Armoured & Unarmoured cable confirming / as per Indian / International standards and customer specification.

These cables are designed to perform in harsh weather conditions and are also abrasion, moisture, water, chemical, ozone, corona, solvent and oil resistant.

Our Range of Products include as follows:

	SILICON RUBBER HIGH TEMPERATURE CABLES	WELDING CABLE	EPR FIRE SURVIVAL CABLE (up to 1.1KV)
Application	**Power Cables:** These are flexible cables which are used in connection of Blast Furnaces, Boiler, Coke Ovens, Electric Furnaces, Steel Mills, Turbines, Electric Motor, Aircrafts & Missiles, High Temperature Metallurgical Plants & Material Handling Equipments. **Control Cables** These are flexible cables which are used in interconnection of process control in Blast Furnaces, Boiler, Coke Ovens, Electric Furnaces, Steel Mills, Turbines, Electric Motor, Aircrafts & Missiles, High Temp. Metallurgical Plants & Material Handling Equipments.	The welding cable is designed for use in electric arc welding machines to power Electrode. The welding cable is made extremely durable for industrial environment where abrasion, cuts, burn from sparks & Oil exposure can quickly wear-out a weaker cable. This cable is highly flexible so that it allows for ease of movement.	These are generally Low Smoke Zero Halogen (LSOH) cables with circuit integrity and are intended for use in installations where vital circuits required to continue operation in the event of outbreak of fire suited to use in Buildings Constructions, Hospitals, Theaters, Shopping Malls, Tunnels, Mass Transit Railways, Oil & Petrochemical Plants, Power Stations And Computer Installations where the danger is for life.
Brief Description & Sizes of Cables	**Description (Power Cables)** Silicon Rubber insulated Power cables confirming / as per to IS:9968 Part-I & II, BS:6360/ BS:6195/ IEC:245-1 and Customer requirement. **Sizes:** Single Core Cables up to 400 Sq.mm Multi Core cables up to 300 Sq.mm **Voltage Grade:** 1.1/ 3.3/ 6.6/ 13.8KV **Control Cables:** Silicon Rubber insulated Control Cables confirming/ as per to IS:9968 Part-I, BS:6360 / BS:6195 / IEC:245-1 and Customer requirement. **Sizes:** Generally with conductor sizes 1.5/ 2.5 4.0 Sq. mm and up to 61 Cores	**Description** Insulation / Covering HOFR Rubber (Heat Resistant Oil Resistant Fire Retardant) as per IS:9857-1990 **Sizes:** In Copper : up to 95 Sq.mm In Aluminium : up to 120 Sq.mm Or as per customer requirement.	**Description** EPR Insulated as per IS:16246, BS:7846, IEC:60502-1 **Sizes:** Single Core cables up to 630Sq.mm Multi Core cables up to 400 Sq.mm **Voltage Grade:** 1100 Volt
Design Process	**Conductor** Multi Stranded Annealed Bare / Tinned copper conductor. **Insulation:** Silicon Rubber. **Inner Sheath:** Silicon Rubber if applicable. **Outer Sheath:** Silicon Rubber **Braiding :** Fibre Glass / Synthetic Yarn Braided & Varnished as per customer requirement.	**Conductor** Multi Stranded Annealed Bare / Tinned copper conductor (Class-6 of IS:8130). **Insulation / Covering:** HOFR (Heat Resistant Oil Resistant Fire Retardant) Rubber.	**Conductor** Multi Stranded Plain/ Solid Annealed Tinned/ Bare copper conductor **Heat Barrier:** Glass Mica Tape **Insulation:** EPR (Type-IE-2) **Inner Sheath:** Thermoplastic Low Smoke Zero Halogen (LSZH) compound **Armouring:** Aluminium/ GI wire. **Outer Sheath:** Thermoplastic Low Smoke Zero Halogen (LSZH) compound
Cross Sectional View			

Cables are also manufactured as per National / International standards and customer specification.

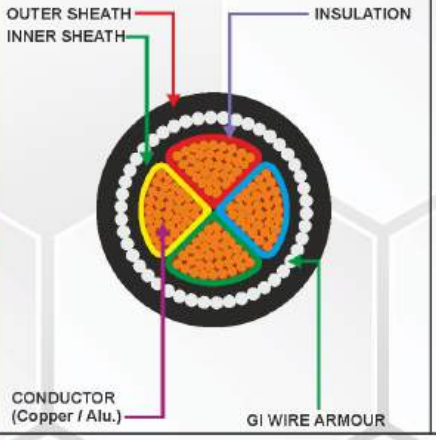
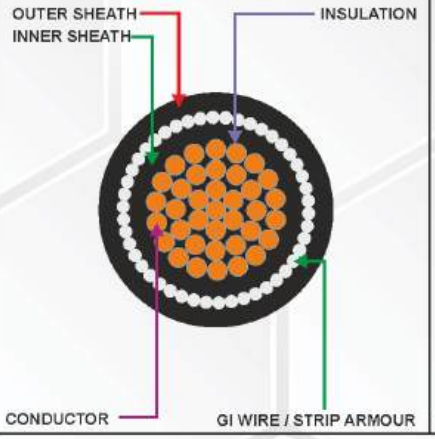
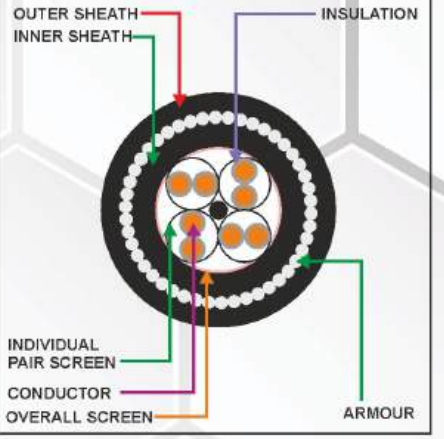
Abbreviations: EPR: Ethylene Propylene Rubber, **Silicon:** Silicon Rubber, **LSZH :** Low Smoke Zero Halogen

PRODUCT RANGE/ DESIGN AT A GLANCE

LT PVC/ XLPE POWER, CONTROL & INSTRUMENTATION CABLE

"BMI" specializes in design, development and manufacturing of high quality LT PVC/ XLPE Power, Control & Instrumentation cables confirming / as per Indian / International standards and customer specification.

Our Range of Products include as follows:

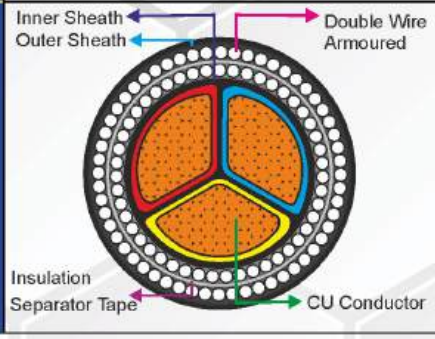
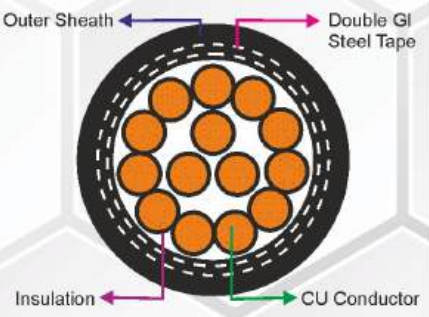
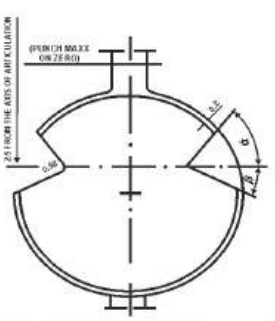
	LT POWER CABLES (UP TO 1.1 KV)	CONTROL CABLES (UP TO 1.1 KV)	INSTRUMENTATION / SIGNALING CABLES
Application	These cables are used in connection of Power supply to residential, commercial & industrial units.	Used in interconnection of process control, communication and panel control systems.	Used in data acquisition systems, computer networking, PA system, digital control/ measuring & communication systems. Specially designed to transmit signals without any external interference.
Brief Description & Sizes of Cables	**Description** PVC / XLPE insulated cables conforming / as per IS : 1554-1, IS : 7098-1, BS : 6346, IEC:60502, BS:5467, BS:7846 and specific Customer requirement. **Sizes:** Single Core cables up to 1000 Sq.mm Multi Core cables up to 400 Sq.mm	**Description** PVC / XLPE insulated cables conforming to IS:1554-1, IS:7098-1, BS:6346, IEC:60502, BS:5467, BS:7846 IEC60227, BS:6004, BS:6500, IS:694 and Customer specific requirement. **Sizes:** Generally with Sizes 1.5 Sq.mm, 2.5 Sq.mm, 4.0 Sq.mm and up to 61 cores.	**Description** PVC / XLPE insulated cables conforming / as per BS EN: 50288 (formerly BS:5308-I & II), IEC-60502-1, IS:1554-I, IS:7098-I, EIL: 6-52-46 and Customer specific requirement. **Sizes:** Generally to be Manufactured with sizes 0.50 Sq.mm, 0.75Sq.mm, 1.0Sq.mm, 1.5 Sq.mm, 2.5 Sq.mm up to 50 pairs/ Triad.
Design Process	**Conductor** Solid/ stranded, circular / sector shaped, copper/ aluminium. **Insulation:** PVC-GP/ HR, XLPE, LSZH, FRLS-H **Inner Sheath :** PVC-GP / HR/ FR / FRLS-H, LSZH **Armour (for Armoured Cables):** Galvanised steel wire / strip / tape or aluminium wire. **Outer Sheath:** PVC-GP / HR/ FR / FRLS-H, LSZH,	**Conductor** Solid/ stranded, flexible, circular copper **Insulation:** PVC-GP / HR, XLPE, FRLS-H, LSZH, **Inner Sheath :** PVC-GP / HR/ FR / FRLS-H, LSZH **Armour (for Armoured Cables):** Galvanised steel wire / strip / tape/ double tape or aluminium wire. **Outer Sheath:** PVC-GP / HR/ FR / FRLS-H, LSZH,	**Conductor** Solid/ stranded/ flexible copper, (bare / tinned) **Insulation:** PVC-GP / HR, PE, XLPE, FRLS-H LSZH. **Shielding:** Individual & overall or overall screen only by Al-mylar tape/ Copper tape/ copper wire braid **Inner Sheath :**PVC-GP / HR/ FR / FRLS-H, PE, LSZH. **Armour (for Armoured Cables):** Galvanised steel wire / strip / tape/ double tape / Braid **Outer Sheath:** PVC-GP / HR/ FR / FRLS-H, LSZH.
Cross Sectional View			

Cables are also manufactured as per National / International standards and customer specification.

Abbreviations: PVC: Polyvinyl Chloride, **XLPE:** Cross Linked Polyethylene **HR:** Heat resistant, **FR:** Flame Retardant **FRLS:** Flame Retardant Low Smoke, **LSZH:** Low Smoke Zero Halogen.

MV PVC MINING CABLE, LT PVC RAILWAY SIGNALLING CABLE & HDGC CONTACT WIRE

"BMI" specializes design & manufactured PVC Mining Cable & Railway Signalling Cable & HDGC Contact Wire

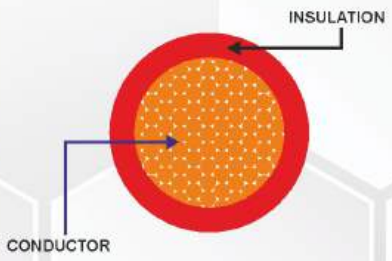
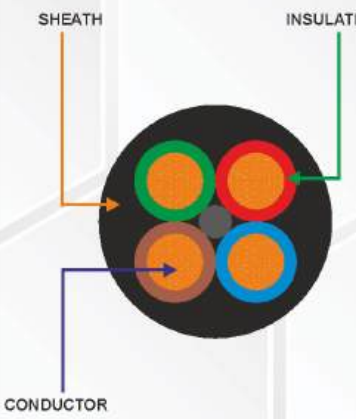
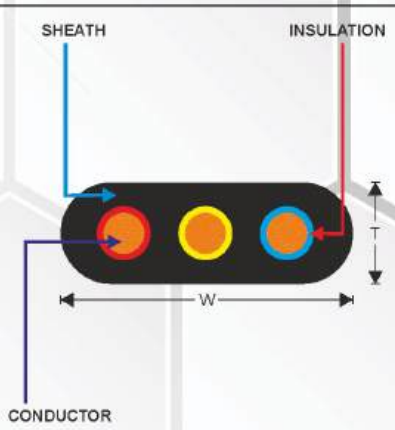
	MV Double Wire Armoured Mining Cable	Railway Signalling Cable	Hard Drawn Grooved Copper Contact wire or Railway Contact wire
Application	All Double wire Armoured cables used in open cast mining, as coal mine, Zinc mines, oil mine, etc. for supply of mains electricity	These cables used in as Railway Signalling Cables are for signaling circuits in Railway Network to connect the signalling equipment center to the track side equipment. Theses cable are excellent resistant to high and low temperature, resistance to oil, damp & humid weather conditions.	These Contact wire used for overhead transmission of Power for Railway coaches & Engine. Hard drawn groove Copper contact wires provides direct contact to the Pantograph transmitting Power from the overhead line system to the Locomotive. The contact wire will be suspended from catenary wire via drop wires.
Brief Description & Sizes of Cables	PVC Insulated PVC Inner Sheathed & Outer Sheathed Double steel wire Armoured as per IS 1554/1998-Part II – YWWY FR-LSH **Cable size:** 3C X 25 Sq.mm to 3C X 120 Sq.mm 3.3 KV	PVC Insulated, PVC inner & outer sheathed steel wire / Tape Armoured Cable as per specification IRS S63-2014 shall be manufactured by RDSO Approved supplier **Cable size:** 1.5 Sq.mm & 2.5 Sq.mm, multicore	Hard drawn Grooved Copper conductor as per RDSO specification TI/SPC/OHE/CW/0971 **Sizes:** 107 Sq.mm 150 Sq.mm 161 Sq.mm 193 Sq.mm Supplier should have RDSO approval.
Design Process	**Conductor :** Sector shaped Plain Copper conductor Class – 2 as per IS 8130/2013 **Insulation :** PVC (Polyvinyl chloride) Type A as per IS 5831-1984 **Inner Sheath :** PVC (Polyvinyl chloride) Type ST-1 as per 5831/1984 **Armouring :** Double Galvanized Steel Round wire as per IS 3975-99 **Separator Tape :** Non-Hygroscopic material separator Tape between inner & outer layer of Armour. **Outer Sheath :** PVC (Polyvinyl chloride) Type ST-1 as per 5831/1984 **Voltage Grade :** 1.9/3.3 KV & 3.3/3.3 KV **Operating Temperature :** 70°C (AC) (max.)	**Conductor :** Annealed Solid Copper conductor **Insulation :** PVC Type A **Inner Sheath :** PVC Type ST-1 **Armouring :** Double steel tape or steel wire helically applied **Outer Sheath :** PVC Type ST-1 **Operating Temperature :** 70°C	**Conductor:** This is Hard drawn Grooved Copper conductor. It's made from bare Copper wire that's been pulled through dies to make it harder.
Cross Sectional View			

PRODUCT RANGE/ DESIGN AT A GLANCE

HOUSE / INDUSTRIAL WIRING & FLEXIBLE CABLES

"BMI" specializes in design, development and manufacturing of high quality House / Industrial Wiring & Flexible cables confirming / as per Indian / International standards and customer specification.

Our Range of Products include as follows:

	SINGLE CORE FLEXIBLE WIRES (UP TO & INCLUDING 1.1 KV)	MULTI CORE FLEXIBLE CABLES (UP TO & INCLUDING 1.1 KV)	PVC INSULATED FLAT CABLES
Application	These wires & cables are used in surface mounted installation or embedded conduits in house / building/Control Panel wiring, Hospitals, Hotels Shopping Malls, Schools, Industries etc. for electrical wiring purpose.	The multi core copper flexible cable are used in Electrical Appliances, Electrical Motors, Control Panels, D C Power Transformer and also used for electrification/ Wiring in house / building, Hospitals, Hotels Shopping Malls & Industries.	These Flat cables are used in Submersible Pump motors.
Brief Description & Sizes of Cables	**Description** PVC-GP, HR-FR, FR-PVC, HR-PVC, FRLS-H, LSOH insulated confirming/as per IS:694/2010 /BS:6004/ BS:6007/ IEC:60227-3/ BS:6500/ BS:7919/ BS:7211/ BS:6231/ BS:6141 **Sizes :** 0.5 to 300 Sq.mm unsheathed or as per customer requirement.	**Description** PVC-GP, HR-FR, FR-PVC, HR-PVC, FRLS-H, LSOH insulated & Sheathed confirming/as per IS:694/2010 /BS:6004/ BS:6007/ IEC:60227-3/ BS:6500/ BS:7919/ BS:7211/ BS:6231/ BS:6141 **Sizes :**Multi core up to 25Cores with cross section 0.5 to 2.5 Sq.mm and 4core up to 120 Sq.mm & 5Core up to 4 Sq.mm & 4Core up to 300 sq.mm or as per customer requirement.	**Description** PVC Insulated PVC Sheath or HR-PVC Insulated HR-PVC Sheathed confirming / as per IS:694:2010 Twin, Three & Four Core Flat Cables **Sizes :** 1.0, 1.5, 2.5, 4.0, 6.0, 10, 16, 25, 35, 50, 70, 95, Sq.mm or as per customer requirement.
Design Process	**Conductor** Solid(Class-1), Stranded (Class-2), Flexible (Class-5) Annealed Bare / Tinned High conductivity copper conductor confirming to IS:8130, BS:6360 or IEC:60228. **Insulation:** PVC-GP/HR-FR/FR-PVC/HR-PVC/FRLS-H/LSZH. **Colour:** Red, Yellow, Blue, Black, Green, Grey, Green/Yellow, White or as per customer requirement **Voltage :** 300 / 500 Volts, 450/750 Volts **Operating Temperature :** 70°C& 85°C	**Conductor** Solid(Class-1), Stranded (Class-2), Flexible (Class-5) Annealed Bare/ Tinned High conductivity copper conductor confirming to IS:8130, BS:6360 or IEC:60228. **Insulation:** PVC-GP/HR-FR/ FR-PVC/ HR-PVC/ FRLS-H/ LSZH. Sheath PVC-GP/HR-FR/ FR-PVC/ HR-PVC/ FRLS-H/ LSZH. **Coloures:** Red, Yellow, Blue, Black, Green, Grey, Green/Yellow, White or as per customer requirement **Voltage :** 300 / 500 Volts, 450/750 Volts Operating Temperature: 70°C& 85°C	**Conductor** Stranded(Class-2), Flexible(Class-5) Annealed High conductivity copper conductor confirming to IS:8130, **Insulation:** PVC/ HR-PVC/ XLPE Sheath PVC/HR-PVC **Coloures:** Generally Black or as per customer requirement **Voltage :** 450/750 Volts **Operating Temperature:** 70°C& 85°C
Cross Sectional View			

Cables are also manufactured as per National / International standards and customer specification.
Abbreviations: PVC: Polyvinyl Chloride, **XLPE:** Cross Linked Polyethylene **HR:** Heat resistant, **FR:** Flame Retardant **FRLS:** Flame Retardant Low Smoke, **LSZH:** Low Smoke Zero Halogen.

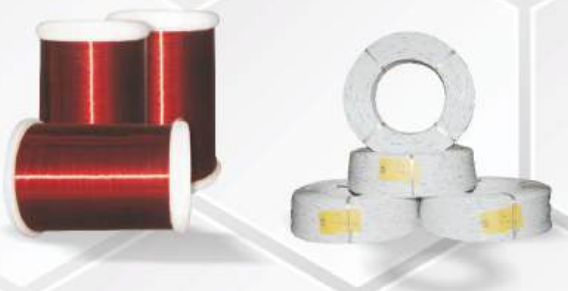
SUPER ENAMELLED WINDING WIRES

We are one of the leading manufacturer of high quality super enameled Copper/Aluminium and submersible copper winding wires under the brand name of "BMI" at our state-of-art modern plant at Bhiwadi, Alwar (Rajasthan) India.

We cater wide range of products for application in industry from motor rewinding to critical application as automobile.

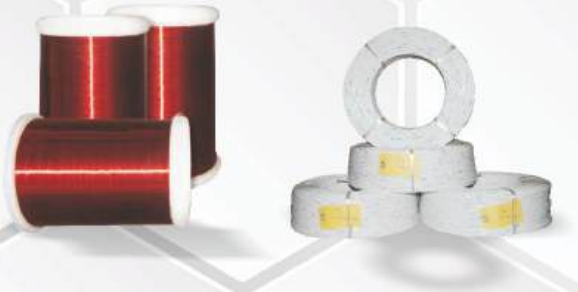
Our Range of Products include as follows:

Brief Description	Polyester Enamelled Round Copper & Aluminum Wire	Modified Polyester Enamelled Round Copper & Aluminum Wire	Polysesterimide Enamelled Round Copper & Aluminum Wire	Polysesterimide over coated with Polyamide-imide Enamelled Round Copper & Aluminum Wire
Thermal Class	130 (B)	155 (F)	180 (H)	200 (DC)
Specification Copper Specification Aluminium	IS 13730/ IEC 60317 PART-34 IS 13730/IEC 60317 PART-9	IS 13730/ IEC 60317 PART-03	IS 13730/ IEC 60317 PART-08 IS 13730/IEC 60317 PART-15	IS 13730/ IEC 60317 PART-13 IEC 60317 PART-25
Range Copper Aluminium	 8 SWG to 40 SWG 8 SWG to 30 SWG	 8 SWG to 40 SWG 8 SWG to 30 SWG	 8 SWG to 40 SWG 8 SWG to 30 SWG	 8 SWG to 40 SWG 8 SWG to 30 SWG
Insulation Type Copper Aluminium	 Grade-1,2 & 3	 Grade-1,2 & 3	 Grade-1,2 & 3	 Grade-1,2 & 3
Heat shock (°C)- Cu Heat shock (°C) - Al	155 155	175 -----	200 200	220 240
Cut Through (°C)	240	240	300	320
Flexibility & Adherence	Very Good	Good	Good	Very Good
Application	Domestic Appliances, Windings of electric motors, transformers, Inductors, Generators, loudspeaker coils, electromagnets, Relay Coils etc.	Domestic Appliances, Windings of electric motors, transformers, Inductors, Generators, loudspeaker coils, electromagnets, Relay Coils etc.	Auto Mobile Industry , BLDC FANS, electromagnets, AC and Refriragerator Compressor, Relay Coils etc.	Auto Mobile Industry , BLDC FANS, electromagnets, Relay Coils, AC and Refriragerator Compressor , Wind generators etc.
Packing	PT-4 to PT-90 or As per Customer Requirement	PT-4 to PT-90 or As per Customer Requirement	PT-4 to PT-90 or As per Customer Requirement	PT-4 to PT-90 or As per Customer Requirement



SUPER ENAMELLED RECTANGULAR ALUMINIUM WIRE

Brief Description	Polysesterimide Rectangular Wire	Polysesterimide coated with Polyamide-imide
Thermal Class	180 (H)	200 (DC)
Specification	IS 13730 / IEC 60317	IEC 13730/ IEC 60317
Range	10 Sqmm to 50 Sqmm	10 Sqmm to 50 Sqmm
Covering	Grade 2	Grade 2
Heat Shock (Celsius)	200	220
Application	High Rating Transfers, electromagnets, Generators etc.	High Rating Transfers, electromagnets, Generators etc.
Packaging	Standard Wooden Reels	Standard Wooden Reels



GOVERNMENT CUSTOMERS

PRIVATE CUSTOMERS

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