14255

7098 : Part 1

1554 : Part 1

देश में बना

DESHRAJ CABLE®

Manufacturers of Electrical Cables

www.deshrajcable.com

S. No.	Type	Size Range	Relevant Specification
1	LT Aerial Bunched Cables	Multicore upto 185 sqmm	IS 14255
2	LT XLPE Power Cables	Armored & Unarmored Single core upto 1000sqmm Multicore upto 400sqmm	IS 7098 Part 1
3	LT PVC Power Cables	Armored & Unarmored Single core upto 240sqmm Multicore upto 240sqmm	IS 1554 Part 1
4	ACSR Conductors	61 strands upto 560 sqmm	IS 398 Part 2
5	AAAC Conductors	61 strands upto 560 sqmm	IS 398 Part 4
6	AAC Conductors	61 strands upto 560 sqmm	IS 398 Part 1

About Us

Founded 27 years ago, **Deshraj Group** has evolved from a small, family-owned business into a leading force in the manufacturing industry. With a commitment to excellence, innovation, and customer satisfaction, we have expanded our expertise and operations across a diverse range of product lines : RCC pipes, HDPE pipes and Electrical cables.

One of our key milestones has been our entry into the electrical cable manufacturing sector, where we have quickly established ourselves as a trusted provider of high-quality cables for a wide array of industries. Our dedication to cutting-edge technology and rigorous quality control has allowed us to meet the ever-changing needs of our customers while adhering to the highest standards of safety, reliability and performance.

Today, **Deshraj Cable Industries (DCI)** is at an exciting juncture expanding our product offerings and reaching out to newer markets, constantly pushing the boundaries of what's possible. Our cables power homes, businesses, and industries around the world, supporting everything from daily operations to critical infrastructure. We have been one of the largest suppliers of Electrical cables across the country delivering to Government bodies, Electricity boards, EPC contractors and end users. At our base in Ghaziabad, we manufacture LT Power cables, Aerial bunched cables, service cables etc. which are **ISI compliant, ISO certified,** passed through stringent internal testing processes and guaranteed by external institutions like **NTH/CPRI/ERDA/NABL** laboratories.

This growth has been driven by a passionate team, state-of-the-art facilities, and a relentless pursuit of improvement. Our rich history and forward-thinking approach position us to meet the challenges of tomorrow, adapt newer technologies while always keeping our focus on building long-term partnerships and maintaining the trust of our valued clients.

DESHRAJ CABLE

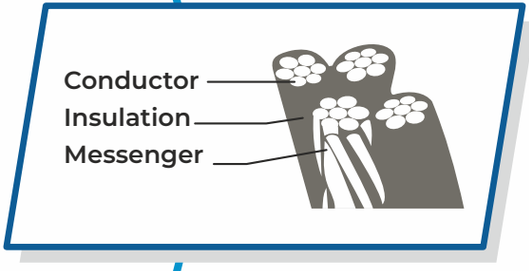
Mission

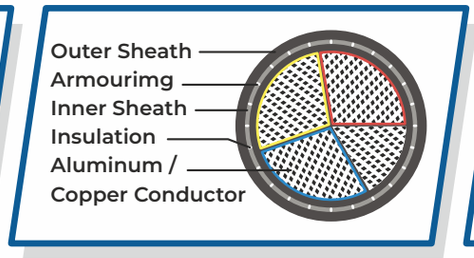
Manufacturing Quality products exceeding customer expectations and delivering maximum value sustainably has been our mantra ever since. We strive to continuously enhance our production and management processes to enable our clientele seamless services and flawless execution. Our efforts towards excellence ensure error free products which are safe, durable and guarantee peace of mind to consumers, Government and contractors a like.

Vision

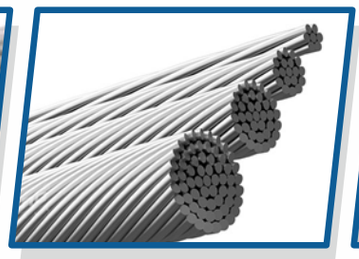
To be a global leader in manufacturing, recognized for our innovative products, operational excellence, and commitment to sustainability. We envision a future where our diverse product lines empower industries and individuals worldwide, contributing to safer, smarter, and more connected communities. Through strategic growth, cutting-edge technology, and customer-centered solutions, we aim to set new benchmarks in quality, performance, and reliability.

LT Aerial bunched cables with aluminum conductor manufactured as per IS : 14255 up to 185sqmm. They usually consist of 3 insulated cores for power supply, 1 smaller core for energizing the street light and a supporting neutral/messenger core made of alloy. The round stranded aluminum conductor provides for increased tensile strength and better heat dissipation. Due to the individual insulation on each conductor, the risk of electrical shocks and accidental contact is diminished. The ridges of varying numbers on the insulation surface allow easy identification of cores. ABCs are less prone to damage from external factors like tree branches, birds, or lightning strikes, leading to fewer power outages. The high-quality insulation materials used in ABCs provide excellent resistance to UV radiation, moisture, temperature variations, and chemical exposure. They can be easily integrated into existing power distribution systems without significant modifications and excessive accessories reducing installation and repair costs.





LT XLPE/PVC POWER CABLES (upto 1.1 KV) manufactured using XLPE/ PVC insulation with Aluminium & Copper Conductor as per IS: 7098 (Part-1) and IS: 1554 of product range, single core upto 1000 sqmm & Multi cores upto 630sqmm. They are designed for electrical power transmission and distribution at voltages up to 1.1 kV. These cables are known for their excellent electrical properties, high thermal resistance, and durability. The conductors used are shaped and compacted ensuring smaller dia of cables while minimizing costs. The inner sheath is either PVC Tape Wrapped or PVC extruded. Depending on the usage, the cables may be armored; either with Galvanized Steel round wire or flat strip. Armored cables are suitable for installations where mechanical damage is a concern, such as underground or exposed environments. The outer sheath is a sturdy layer of PVC/ Flame Retardant/ Flame Retardant Low Smoke/ Zero Halogen as per the requirement.

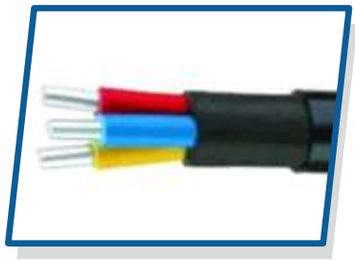


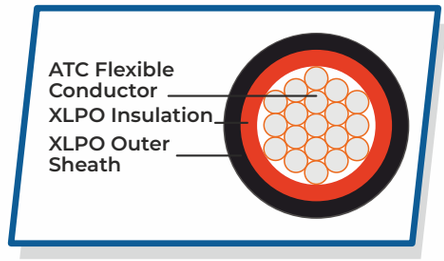
Conductors are mainly of three categories:

•**Aluminium Conductor Steel-Reinforced (ACSR):** ACSR conductors consist of a central core of steel strands surrounded by one or more layers of aluminium wire. The steel core provides additional strength, allowing the conductor to be used in long spans and under high tension. ACSR is known for its high tensile strength, making it suitable for overhead power lines in areas with heavy wind or ice loading.

•**All Aluminium Conductor (AAC):** AAC conductors are made entirely of aluminium strands. They are used primarily in urban areas where spans are short and conductor strength is less critical. The high conductivity of aluminium makes AAC conductors an excellent choice for applications where weight and cost are important considerations. However, AAC is less strong compared to ACSR and AAAC conductors.

•**All Aluminium Alloy Conductor (AAAC):** AAAC conductors are made from aluminium alloys, which provide better mechanical strength and improved corrosion resistance compared to pure aluminium. AAAC is used in environments where strength and durability are essential, such as coastal regions or areas with severe weather conditions. The alloy composition enhances the conductor's performance, making it a reliable choice for overhead power transmission and distribution.



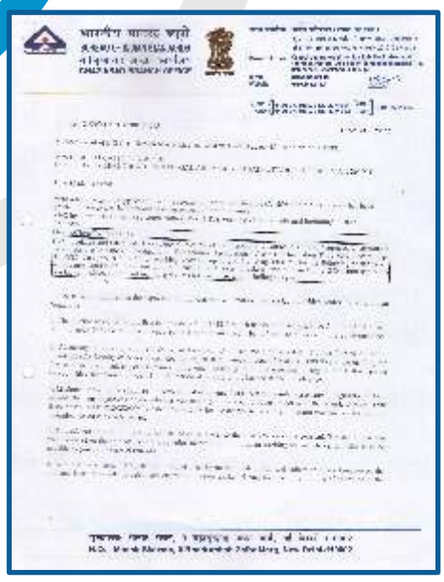


Service Cables and Solar Cables

•**Service Cables:** Service cables are used to connect the main power supply from the utility company to the meter and then to the main distribution board in a building. They are designed to handle higher currents and are typically insulated with materials like PVC or XLPE (cross-linked polyethylene) for durability and safety. Service cables can be single-core or multi-core, flexible or armored depending on the specific application and requirements.

•**Solar Cables:** Our range of high-quality aluminium solar cables are engineered for efficiency and durability. These cables offer excellent conductivity, reduced weight, and enhanced resistance to environmental factors, ensuring optimal performance in solar power systems. Ideal for residential, commercial, and industrial applications, our aluminium solar cables are designed to meet rigorous standards and provide reliable energy transmission for your sustainable energy solutions.

Certificates



BIS CM/L 8700154213

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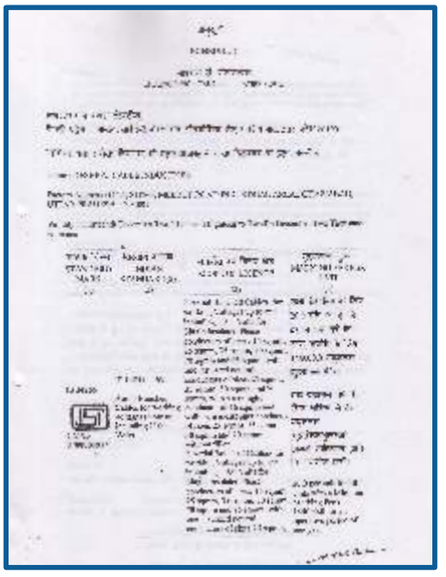

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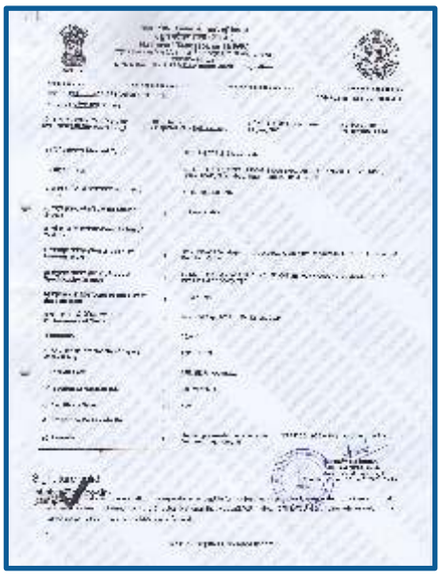


NTH (NWR) Certificate

NTH (NWR) Certificate

CPRI Certificate

CERTIFICATE

Registered CCPL

Registration Certificate

This is to certify that
The Quality Management Systems
Of

DESHRAJ CABLE INDUSTRIES

Carried out at following site:

C-24, MEERUT ROAD INDUSTRIAL AREA SITE NO - 3, GHAZIABAD, 201 003 (U.P.) (INDIA)

Has been found to conform to the Quality Management System Standard:

ISO 9001:2015

This certificate is valid for the following Product or Service ranges:

MANUFACTURING & TRADING OF ELECTRICAL CABLE & WIRES
IAF CODE – 19

Certificate No. : CCPL/QMS/B1395
Issued on : 24/10/2024 1st Surveillance Due On: 24/09/2025
Validity Date : 23/10/2027 2nd Surveillance Due On: 24/09/2026

The validity of certificate is subject to regular surveillance audit on or before above mentioned dates and it's only valid after successful surveillance with continuation letter issued by CCPL.

To verify the status of the certificate, please visit IAFSEARCH CERT website https://www.iafcertsearch.org/

CHAIRMAN

Care Certification Private Limited

IAF EGAC Registered CCPL

ISO 9001:2015

CERTIFICATE

Registered CCPL

Registration Certificate

This is to certify that
The Management Systems of

DESHRAJ CABLE INDUSTRIES

Carried out at following site:

C-24, MEERUT ROAD INDUSTRIAL AREA SITE NO - 3, GHAZIABAD, 201 003 (U.P.) (INDIA)

Has been found to conform to the environmental management system Standard:

ISO 14001:2015

This certificate is valid for the following Product or Service ranges:

MANUFACTURING & TRADING OF ELECTRICAL CABLE & WIRES
IAF CODE – 19

Certificate No. : CCPL-E/EMS/A1031
Issued on : 19/10/2023 1st Surveillance Due On: 19/09/2024
Validity Date : 18/10/2026 2nd Surveillance Due On: 19/09/2025

The validity of certificate is subject to regular surveillance audit on or before above mentioned dates and it's only valid after successful surveillance with continuation letter issued by CCPL.

To verify the status of the certificate, please visit IAFSEARCH CERT website https://www.iafcertsearch.org/

CHAIRMAN

Care Certification Private Limited

IAF EGAC Registered CCPL

ISO 14001:2015

CERTIFICATE

Registered CCPL

Registration Certificate

This is to certify that
The Management Systems of

DESHRAJ CABLE INDUSTRIES

Carried out at following site:

C-24, MEERUT ROAD INDUSTRIAL AREA SITE NO - 3, GHAZIABAD, 201 003 (U.P.) (INDIA)

Has been found to conform to the occupational health and safety management systems Standard:

ISO 45001:2018

This certificate is valid for the following Product or Service ranges:

MANUFACTURING & TRADING OF ELECTRICAL CABLE & WIRES
IAF CODE – 19

Certificate No. : CCPL-E/OH&S/A1029
Issued on : 10/11/2023 1st Surveillance Due On: 10/10/2024
Validity Date : 09/11/2026 2nd Surveillance Due On: 10/10/2025

The validity of certificate is subject to regular surveillance audit on or before above mentioned dates and it's only valid after successful surveillance with continuation letter issued by CCPL.

To verify the status of the certificate, please visit IAFSEARCH CERT website https://www.iafcertsearch.org/

CHAIRMAN

Care Certification Private Limited

IAF EGAC Registered CCPL

ISO 45001:2018

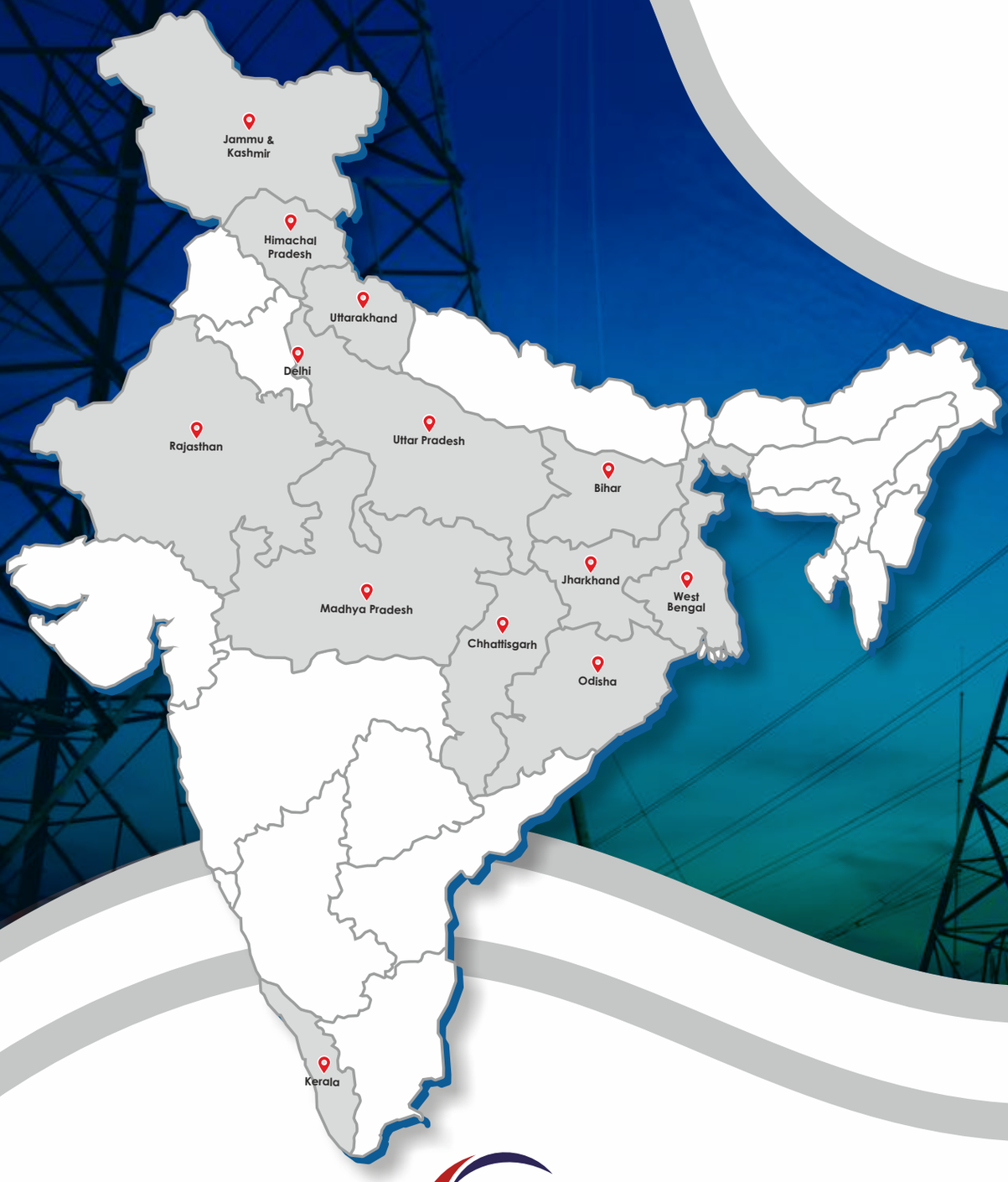
Our Clientele

We are approved vendors & suppliers of Government departments, PSU, Utility Boards, etc

Major EPC contractors, others, etc.

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

Empowering India



DCI®

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