Your Trusted Source for

COUNDUCTORS & CABLES

QUALITY | DURABILITY | INNOVATION

SAGAR INDUSTRIES

(AN ISO 9001: 2015, 14001: 2015 & ISO 45001:2018 CERTIFIED COMPANY)

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FROM SPARK
TO SUCCESS,
WE WIRE THE
FUTURE.

COMPANY'S OVERVIEW

Established in 1998 in VKI Area, Jaipur, Rajasthan, Sagar Industries is a premier, ISO 9001:2015, 14001:2015, and 45001:2018 certified company specializing in the manufacturing of high-quality Transmission & Distribution Conductors (AAC, AAAC, ACSR, and AL 59), Aerial Bunched Cables, and XLPE/PVC Armoured & Unarmoured Power Cables.

At Sagar Industries, we are committed to quality, innovation, and customer satisfaction. We leverage state-of-the-art technology and advanced manufacturing processes for insulation, pair screening, cable laying, comprehensive screening, inner sheathing, armouring, outer sheathing, final testing, and packaging — ensuring that our conductors and cables are tailored to meet diverse customer requirements.

With a customer-centric approach, we meticulously oversee every stage of production—from the procurement of raw materials to the final dispatch of finished goods. Our unwavering focus on precision, durability, and compliance enables us to meet the evolving demands of the industry while upholding the highest quality standards.

Sagar Industries stands as a trusted name for the conductors & cables in the power & energy sector, delivering cutting-edge solutions that drive efficiency and excellence in transmission & distribution networks across the country.

MANAGEMENT MESSAGE

The ever-changing landscape of global economies presents challenges that demand resilience, adaptability, and unwavering commitment. At Sagar Industries, we firmly believe that our core values serve as the foundation of our strength, empowering us to navigate uncertainties with confidence and determination. It is this steadfast dedication that positions us to play a pivotal role in the nation's infrastructure development.

As we look ahead, our journey remains guided by a grand vision—to contribute to a brighter, more connected world. With innovation, quality, and integrity at the heart of our operations, we are committed to driving progress and delivering excellence across the industry.

Success is not merely an individual pursuit—it is the result of collective commitment, teamwork, and shared aspirations. As the saying goes, "Individual commitment to a group effort – that's what makes a team, a company, a society, and a civilization work." With this spirit, Sagar Industries will continue to evolve, excel, and uphold the values that define us.

We look forward to an inspiring future filled with growth, innovation, and continued success.

MISSION AND VISION

At Sagar Industries, we are driven by a relentless pursuit of excellence and market leadership in every aspect of our business. Our vision is to be the “Natural Choice” for our customers by consistently delivering exceptional quality, innovation, and reliability. Through a customer-centric approach and a commitment to exceeding expectations, we aspire to build lasting relationships and establish ourselves as a trusted industry leader.

We believe that true success lies in accountability, dedication, and customer satisfaction. At Sagar Industries, we take personal responsibility for honoring our commitments, ensuring that every product and service we deliver upholds the highest standards of quality and performance. By continuously evolving, embracing innovation, and prioritizing customer needs, we strive to create value, drive growth, and set new benchmarks of excellence in the industry

OUR VALUES

SAFETY

We believe **SAFETY** must be at the forefront of all our decision-making

RESPECT

We believe **RESPECT** to each other will guide us in all our decisions

INTEGRITY

We believe **INTEGRITY** is at the heart of our individual and Corporate actions

TEAMWORK

We believe **TEAMWORK** empowers our individual strengths

HONESTY

We believe **HONESTY** is an integral part of our working relationships

Powering Trust Across Industries

At Sagar, we take pride in delivering high-quality cables and conductors that meet the diverse needs of industries worldwide. Our commitment to excellence has earned us the trust of leading organizations across various sectors. Here are some of the names who rely on us for their critical infrastructure needs:

OUR PARTNERS

LARSEN & TOUBRO

NCC

MCL

WAAREE
One with the Sun

VOLTAS LIMITED

AMARA RAJA
Gotta be a better way

STERLING & WILSON

ASHOKA
Ashoka Buildcon Limited

THIRUVANANTHAPURAM
TECHNOPARK
HARMONY@WORK

GAWAR
Construction Limited

POWER MECH
Growth Unlimited

Raghava Constructions

LANARSY

KRYFS
Hamesha Kaizen

SP Singla Constructions
Pvt. Ltd.
Building Infrastructure for future

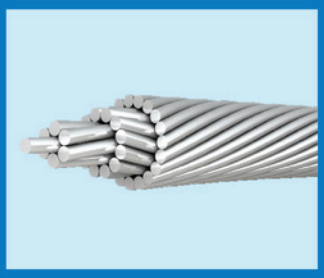
BG
BEDMUTHA
GROUP

SSE
Transformation Through Innovation

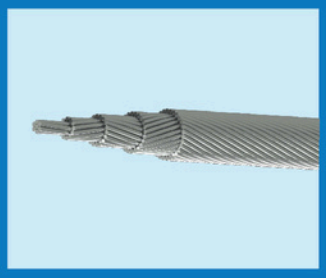
Together, we are building a connected future with reliability, innovation, and uncompromising quality at its core.

OUR PRODUCTS

1. AAC Conductor

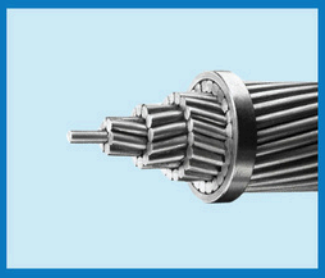


2. AAAC CONDUCTOR



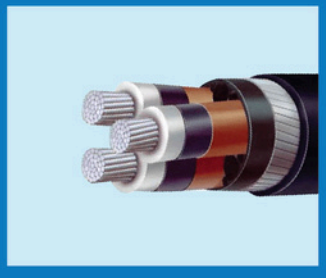
3. ACSR CONDUCTOR

4. AL 59 CONDUCTOR

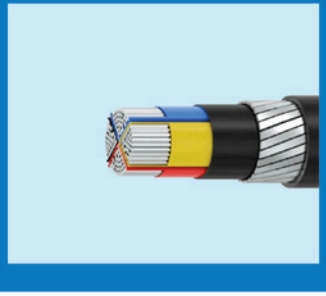


5. LT AERIAL BUNCHED CABLES

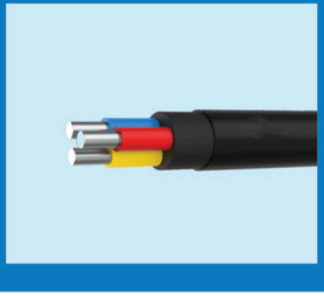
6. XLPE POWER CABLE



7. LT PVC POWER CABLES



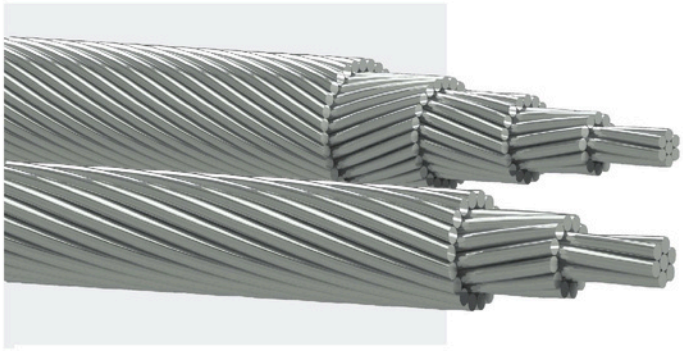
8. LT SERVICE CABLES

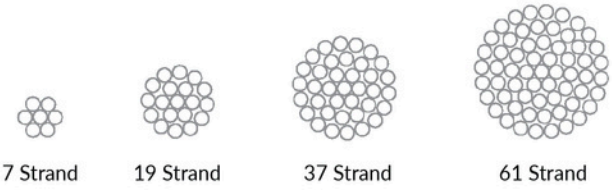


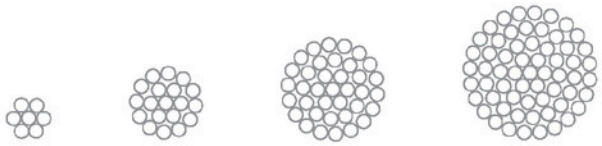
1. AAC Conductor

These conductors are formed by several wires of aluminium, stranded in concentric layers. All the wires have the same nominal diameter. Most common constructions consist of 7, 19, 3 7 and 61 wires.

Application
2 Busbars at H.V. Substations
2 L.V. distribution lines
2 Conductors for insulated cables (compacted)







2. AAAC CONDUCTOR

These conductors are formed by several aluminum magnesium silicon wires stranded in concentric layers. All the wires have the same nominal diameter. Most common constructions consist of 7, 19, 37 and 61 wires.

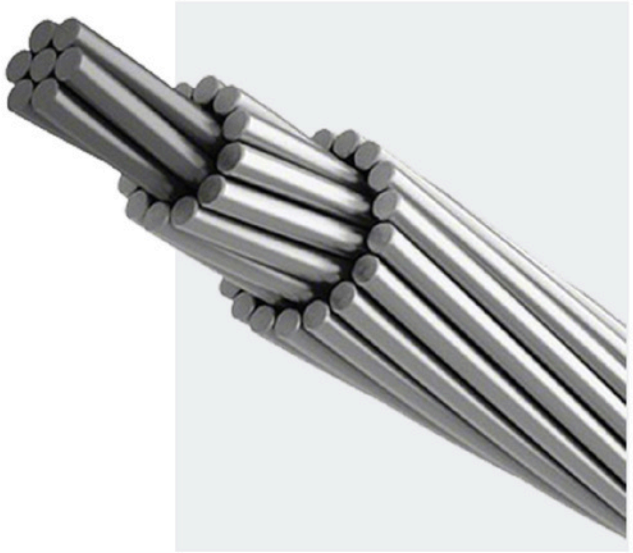
Application
2 Busbars at H.V. Substations.
2 H.V. overhead lines.

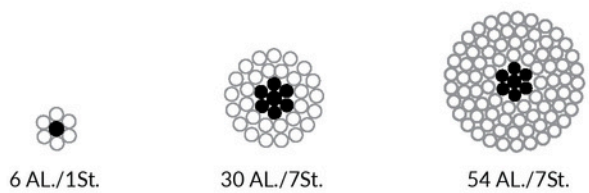
3. ACSR CONDUCTOR

These conductors are formed by several wires of aluminum and galvanized steel, stranded in concentric layers.

The wire or wires which form the core, are made of galvanized steel and the external layer or layers, are of aluminum. Galvanized steel core consist normally of 7, 19, 37 and 61 wires. The diameters of steel and aluminum wires can be the same, or different.

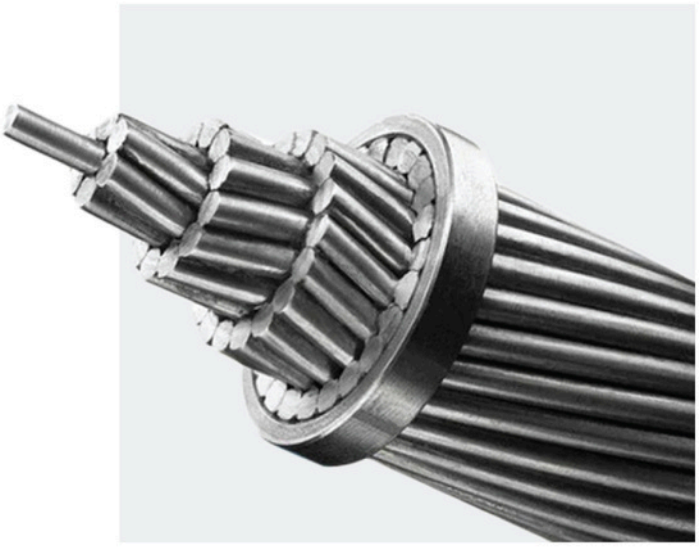
Application
Overhead transmission and distribution lines medium, high and extra high voltage.



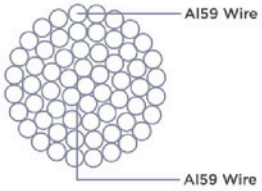


4. AL 59 CONDUCTOR

These are homogenous alloy conductors of Aluminium + Magnesium + Silica Alloy type. These conductors have a conductivity of 59% and hence have lesser DC resistance and higher current carrying capacity.



Application
AL59 alloy conductors are used in power transmission and distribution lines for a wide voltage range (low to ultra-high voltage). These conductors have higher current carrying capacity and lower losses due to DC resistance. Al59 conductors have high corrosion resistance, making them most suited for deployment in coastal regions.



5. LT AERIAL BUNCHED CABLES

LT Aerial bundled cables (simply ABC) are overhead power lines using several insulated phase conductors bundled tightly together, usually with a bare neutral conductor. This contrasts with the traditional practice of using un-insulated conductors separated by air gaps. This variation of overhead power lines utilizes the same principles as bundled conductors, except that they are closer together to the point of touching but each conductor is surrounded by an insulating layer (except for the neutral line).

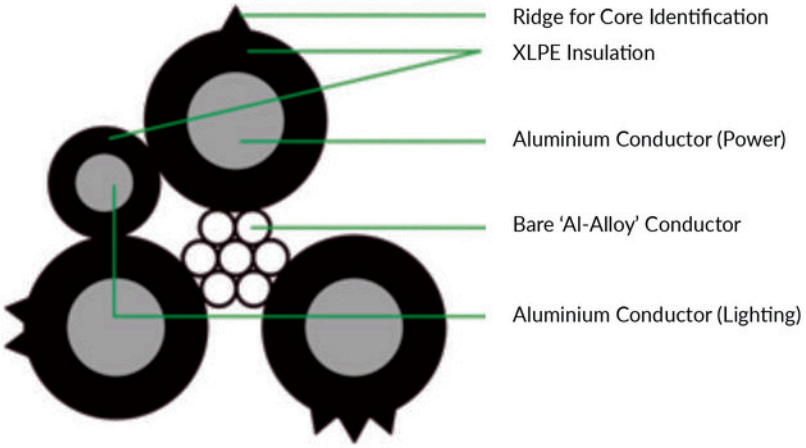
Application
2 LVdistributionlines.

Advantage
LT Aerial bundled cables (simply ABC) are overhead power lines using several insulated phase conductors bundled tightly together, usually with a bare neutral conductor. This contrasts with the

traditional practice of using un-insulated conductors separated by air gaps. Thisvariation of overhead power lines utilizesthe same principles as bundled conductors, except that they are closer together to the point of touching but each conductor is surrounded by an insulating layer (except for the neutral line). Improved reliability in comparison with both bare conductor overhead systems and underground systems. Insulated conductors prevent accidental contact and supply can be maintained temporarily in the event of a suspension system collapse. Can be installed in a narrower right of way. Ease of erection and stringing, less labor intensive, less construction resources needed. Can stand in close proximity to trees/buildings andwill not generate sparks if touched.

Applicable Standards
IS-14255, IS 8130, IEC 60502 etc.

Construction:

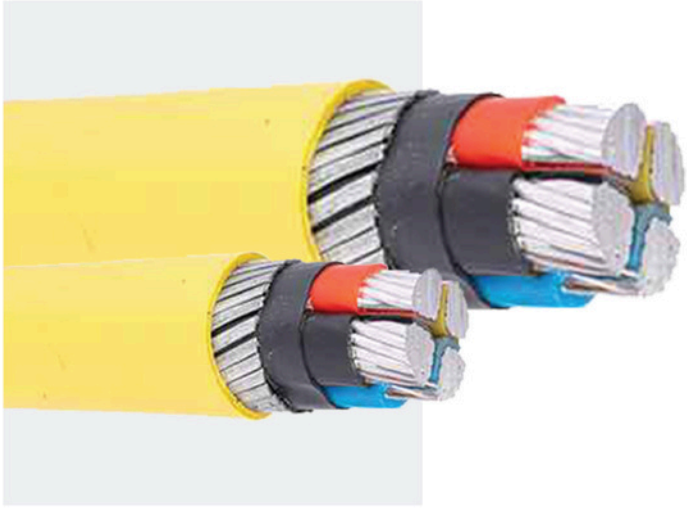


6. XLPE POWER CABLE

Application
XLPE Insulated Electric Power Cables are suitable for power transmission and distribution systems at rated voltage up to 15kV. For fixed installation in the open air, direct burial in cable ducts. Steel tape armoured (STA) cables can withstand mechanical force but not allow to bear large pulling tensile. Steel wire armoured (SWA) cables can withstand mechanical force and pulling tensile.
Rating voltage: 0.6/1kV, 1.8/3kV, 3.6/6kV, 6/6kV, 6/10kV, 8.7/10kV, 8.7/15kV
Minimum Bending Radius
unarmoured cable: 20D (single core) 15D (multi core)
armoured cable: 15D (single core) 12D (multi core).

Construction:
Conductor: Annealed copper or tinned copper
-Round solid copper wire IEC 60228 Class 1(RE)
-Round stranded copper wire IEC 60228 Class 2(RM)
-Sector-shaped stranded copper wire IEC 60228 Class 2(SM)
-Round flexible copper wire IEC 60228 Class 5
Conductor screen: semi-conducting tape or semi-conducting extruded
Insulation: XLPE
Insulation screen: Semi-conducting tape or semi conducting extruded or / and

shaped stranded
2.The insulatio nmaterials for power and control cables are poly vinyl chloride (PVC)



8. LT SERVICE CABLES

Single and multicore PVC-insulated cables for the application of local area networks. Used as lighting and power distribution cable. Installed in areas where severe mechanical stress is avoided. Can be laid indoors, outdoors, buried, or in cable tranches.
Specially used for power supply. Reduction of weight due to aluminium conductor.

ESTEEMED GOVERNMENT ENTITIES

JVVNL

Ajmer Vidyut Vitran Nigam Limited

JODHPUR VIDYUT VITRAN NIGAM LIMITED

RVUN

MPMKVVCL
मध्य प्रदेश मध्य क्षेत्र विद्युत वितरण कंपनी लिमिटेड

केस्को

Madhya Pradesh Paschim Kshetra Vidyut Vitaran Company Limited (MPKVVCL)

विद्युत ब्रह्मेति

CSPDCL
छत्तीसगढ़ स्टेट पॉवर डिस्ट्रीब्यूशन कंपनी लिमिटेड

तमसो मा ज्योतिर्गमय

SOUTH BIHAR POWER DISTRIBUTION COMPANY LTD
SBPDCL
Illuminating Lives

JHARKHAND BIJLI VITRAN NIGAM LIMITED

JUVNL

WBSEDCL

POWER LINE - OUR LIFE LINE
SPDCL

APEPDCL
EPDCL

HESCOM

JKPDC
A Govt. of J&K PSU

pstcl
PUNJAB STATE TRANSMISSION CORPORATION LIMITED

TNPDCL
TAMILNADU POWER DISTRIBUTION CORPORATION LIMITED

बी ई एम एल
beml
NEW FRONTIERS. NEW DREAMS

HCL


FROM SPARK
TO SUCCESS,
WE WIRE THE
FUTURE.

STRENGTH IN EVERY STRAND, SAFETY IN EVERY SPARK.