

Our Clientele



Lumino Industries Ltd.
ISO 9001:2008 Certified Company

Transporting
POWER for the
nation



Lumino Industries Ltd.

Corporate Office

"Usha Kiran", 12A, Camac Street
5th Floor, Kolkata - 700 017
P : +91 33 2282 9201 (5 lines)
F : +91 33 2282 9206
E : lumino@lasercables.com
W : www.luminoindustries.com

Works

AT/PO : Biprannapara, Jalan Complex
PS. : Domjur, Howrah - 711 411



Product Range

ACSR

GENERALITIES

These conductors are formed by several wires of aluminium 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 aluminium. Galvanized steel core consist normally of 7, 19, 37 and 61 wires. The diameters of steel and aluminium wires can be the same, or different.

APPLICATIONS

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



AACSR/AW

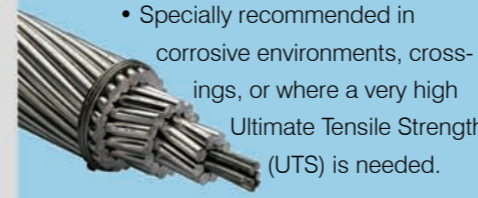
GENERALITIES

These conductors are formed by several wires of aluminium alloy and aluminium clad steel (ARAWELD), stranded in concentric layers.

The wire or wires which form the core, are made of aluminium clad steel and the external layers or layers, are of aluminium alloy. Aluminium clad steel core consist normally of 7, 19, 37 and 61 wires.

APPLICATIONS

- H.V. Overhead transmission and distribution lines.
- Specially recommended in corrosive environments, crossings, or where a very high Ultimate Tensile Strength (UTS) is needed.



AACSR

GENERALITIES

These conductors are formed by several wires of aluminium alloy 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 made of aluminium alloy. Galvanized steel core consist normally of 7, 19, 37 and 61 wires.

APPLICATIONS

- H.V. Overhead transmission and distribution lines
- Specially recommended in, crossings, or where a very high tensile strength is needed.



AAC

GENERALITIES

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, 37 and 61 wires.

APPLICATIONS

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



Company Overview

Lumino Industries Limited is engaged in manufacturing and supply of all types of conductors. Since it began operation in 1989, it has expanded its market base and grown in stature. The turnover of the organization is around INR "5000" million.

Over the years Lumino has strengthened its product mix through an R & D from AAC and ACSR to value added alloy based conductors. These high temperature conductors are capable of carrying up to 50% additional power load compared with the other varieties which can substitute creation of parallel transmission lines in Land – Starved pockets, saving sizeable investments

Within last 5 years the organization has established itself as one of the major supplier of conductors catering to the needs of various State Electricity Boards, PGCIL, NTPC, NHPC, DVC and Turnkey Contractors apart from other private industries.

Lumino is also engaged in various projects. The project on the supply & erection of 11/33 KV distribution line of rural electricity infrastructure & household connection in rural areas under RGGVY & R-APDRP Scheme is one among the many projects.

Being one of the leading exporters of aluminum conductors from India, it is recognized as a **Star Export House** by the Indian ministry of commerce, exporting directly to power utilities in Asia, Africa, the Middle East, along with reputed international turnkey contractors.

The movement to achieve to become most favored supplier has begun. We intend to become one of the best three organizations in the field of conductors in next five years. We respect our customers and value their suggestions which give us an improvement opportunity.



AL-59

GENERALITIES

AL-59 alloy conductors are manufactured from Al-Mg-Si (aluminum-magnesium-silica) rods. The conductor comprises of an inner core and concentric layers forming the inner and outer layers of the conductor. In view of development of new power transmission and distribution grids by global power incumbents, AL-59 alloy conductors would have a special significance while designing transmission line networks, as the properties of these conductors enable superior power evacuation while optimising the cost of the entire grid.

APPLICATIONS

- Overhead transmission lines medium, high and extra high voltage



ACAR

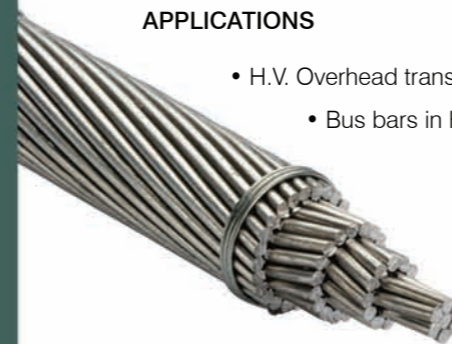
GENERALITIES

These conductors are formed by several aluminium and aluminium alloy wires, stranded in concentric layers.

The wire or wires which form the core, are made of aluminium alloy and the external layer or layers, are of aluminium. The construction consists normally of a 7, 19, 37 and 61 wires.

APPLICATIONS

- H.V. Overhead transmission and distribution lines.
- Bus bars in H.V. Substations.



AAAC

GENERALITIES

These conductors are formed by several aluminium magnesium silicom wires stranded in concentric layers.

All the wires have the same nominal diameter. Most common constructions consist of 7, 19, 37 and 61 wires.

APPLICATIONS

- Busbars at H.V. Substations.
- H.V. overhead lines.



Why HTLS Conductors -

Future Expansion Plan: High-Temperature Low-Sag Conductors

- Less sag at high temperatures
- Higher annealing temperatures
- Reduced resistance
- Can replace conventional conductors with no (or minimal) modifications to structures or ROWs
- Can significantly increase the rating of TL with no (or minimal) licensing requirements or public opposition