

MLDUARTE TRADE & LINGUIST TECHNOLOGY, Lda. is a consulting services company focused on international business development and the distribution of products, solutions, and services related to various industrial sectors.



MLDUARTE is headquartered in Portugal and has offices in Spain, Turkey, and Brazil. The company has staff throughout the EMEA region, South America, and Asia, offering a variety of products from well-known brands.



Why Choose Aluminum Cables?

- Cost Savings
- More Stable Prices
- Less Sensitive to Market Fluctuations
- Efficient Recycling
- Ease of Installation and Maintenance
- Greater Flexibility
- Lighter Weight
- No Connection Issues
- High Corrosion Resistance
- Most Common Metal on the Earth's Surface



Sahra Kablo, founded in 1968, specializes in the production of aluminum conductors, overhead cables, underground cables, flexible cables, and installation cables. The company also offers custom cables to meet the specific needs of its customers.

This company focuses on customer satisfaction through the high quality of its products (certified with various quality standards).

Construction AACSR - ACSR: Aluminum conductors reinforced with a steel core, used in high-voltage transmission lines. These offer greater mechanical strength and support for long distances and adverse conditions. Cables with 1 St + 6 Al, 7 St + 6 Al, 1 St + 18 Al, 7 St + 12 Al, 19 St + 18 Al, or 19 St + 54 Al.

Construction AAC - AAAC: Conductor made exclusively of aluminum, used in low and medium voltage transmission lines where mechanical strength is not a priority. Cables with 7, 19, 37, 61, 91, or 127 wires.



Aluminum Aerial Conductors

Application: Cables with/without shielding.

Insulation: PVC; XLPE; PE; HFFR; MICA Tape.

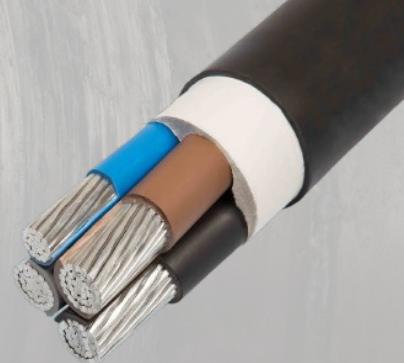
Shielding: Galvanized Round Steel Wire; Galvanized Flat Steel Wire; Double Galvanized Steel Tape; Aluminum Wire (for Single-core Cable).

Outer Sheath: PVC; HDPE; HFFR / LSOH; HF FE 180 / E 90.

Filling: PE; PVC; Rubber; HFFR.

Shielding: Round Copper Wire & Copper Bonding Tape; Corrugated Round Copper Wire & Copper Bonding Tape.

Conductor Types: RE - Solid Round; RM - Flexible Round; SE - Solid Sector; SM - Flexible Sector.



Aluminum Underground Cables

Applications

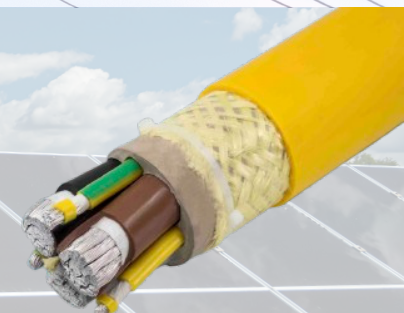
- Redirection due to urban changes
- Mountainous terrains
- Replacement of stripped conductors
- Reinforcement of existing systems
- Between power cables and overhead conductors
- Developing urban complexes
- Temporary supplies



Aerial Bundled Cables

Applications

- Photovoltaic/Solar Systems
- Wind Turbine Generators
- Power and Heat Plants
- Railway Vehicles
- Automobiles
- Transformer Stations
- Substations / Control Panels
- Limitations on Twist Angle and Rigid Radius Bends
- Fixed and Flexible Installations



Aluminum Flexible Cables

Applications

- Power supply for systems and equipment in industries, such as factories and warehouses.
- Photovoltaic/Solar Systems
- Power Distribution Networks
- Lighting Wiring
- Construction Machinery and Equipment
- Telecommunications Infrastructure
- Ventilation and Air Conditioning Systems (HVAC)
- Security Systems
- Power Supply for Temporary Events



Aluminum Building Cables

Custom Design Cables

We offer custom design cables tailored to the unique needs of each client, ensuring specific solutions for a wide range of applications.

Our manufacturing approach focuses on delivering a robust product efficiently, optimizing costs without compromising quality.

We provide all schematic drawings and technical data sheets to illustrate the construction.