



IRRIGATION CABLE SOLUTIONS

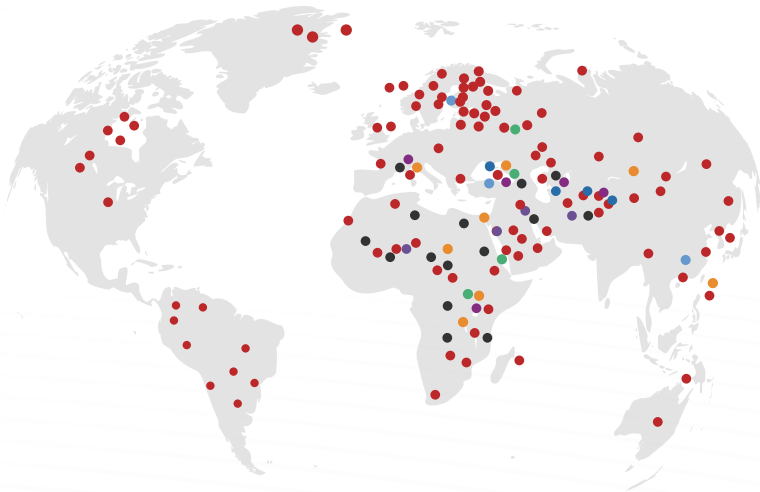


WWW.ELSEWEDYELECTRIC.COM

ABOUT ELSEWEDY ELECTRIC

ELSEWEDY ELECTRIC, a leading industrial force with **over 19,000 employees and USD 5.13 billion in revenue (2024)**, empowers sustainable development through comprehensive infrastructure solutions. Our vast portfolio **spans five key business sectors** and encompasses everything **from wire, cable, steel products and accessories to transformers, busways, motors, and fiberglass poles**. We have also installed over **100 million electric meters**, showcasing our expertise in efficient energy management. Our global presence is solidified **through 43 production facilities in 19 countries**, with exports reaching **over 110 countries worldwide**. We offer an all-encompassing Engineering, Procurement & Construction (EPC) service, delivering the most intricate turnkey projects with exceptional efficiency. As an unwavering advocate for sustainable energy solutions, **ELSEWEDY ELECTRIC** drives decarbonization, digitalization, and a sustainable future globally. Our talent-centric approach fuels our growth, empowering businesses and communities wherever we operate. We equip our customers with the tools to embrace digitalization and navigate the ever-changing world, remaining committed to exceeding customer expectations while protecting the environment.

Global Presence



 Wire, Cable, & Accessories  Electrical Products  Meters  Transformer  Telecommunication  Renewable Energy  Project Development  Export



85+

Years Of Evolution



19K

Employees



43

Production Facilities



48

International Offices



19

Operation Countries



20%

Engineers



5.13B

Revenue in USD



110

Export Countries

EMPOWERING SMART IRRIGATION

At Elsewedy Electric, we believe in growing smarter. With over 85 years of expertise in cable manufacturing to deliver high-performance cabling solutions tailored for modern irrigation systems.

Our goal is to help you make the most of every drop of water and every watt of energy

By integrating Elsewedy cables into your irrigation system, you're investing in a solution that ensure seamless efficiency, rock-solid reliability, and total compatibility anywhere in the world.



9001:2015
Quality Management



45001:2018
Occupational Health and Safety Management



14001:2015
Environmental Management



50001:2018
Energy Management



17025
Accredited Testing Laboratory



16949:2016
Quality Management

WHY CHOOSE ELSEWEDY IRRIGATION CABLES?

⚡ Efficiency

Power every drop. Our high quality conductors and insulation ensure minimal energy loss and smooth, consistent performance keeping pumps, valves, and controllers in perfect sync.

🌐 Compatibility

No two irrigation systems are the same. That's why we offer custom cable solutions for various manufacturers and system specifications. Compatible with leading irrigation systems including Rain Bird, Hunter, Toro...etc.

⚡ Reliability

Built to endure. Engineered for the toughest field conditions, from blazing sun to buried moisture. Our cables perform day after day, backed by 85+ years of manufacturing excellence.

🌐 Global Reach

Across continents, Elsewedy Electric supports irrigation success worldwide. With presence in more than 110+ countries and a strong reputation across continents, we bring top-notch quality to every project.

POWER SUPPLY CABLES

Application: Designed for power supply in irrigation systems. Ideal for use as sprinkler irrigation control wire, general purpose Lighting, power, control conductors for irrigation systems. These cables ensure reliable delivery of electricity across your fields.

0.6/1 KV - CU/PVC/PE SINGLE CORE

Reference Standard: IEC 60502-1, IEC 60228

Element	Specification
Conductor	Stranded plain copper (IEC 60228)
Insulation	PVC compound (70°C rated)
Outer Sheath	PE compound (70°C rated)
Standard Sizes	1.5 mm ² , 2.5 mm ² , 4mm ² 16 AWG, 14 AWG, 12 AWG
Color Coding	As per request
Packing	Standard: 500 meters or 1000 meters. In drums or spools for special Lengths upon request.

Why it matters: These cables are built to endure. Engineered with high-purity copper and armored with robust sheathing, they ensure maximum efficiency and durability.



450/750 V - CU/PVC SINGLE CORE

Reference Standard: BS EN 50525-2-31, IEC 60227-3

Element	Specification
Conductor	Solid, or Stranded Plain Copper Conductor (IEC 60228)
Insulation	PVC compound (70°C rated)
Color Coding	Colors as per request
Available Sizes	1.5 mm ² , 2.5 mm ² , 4mm ²
Packing	Cable Length on each coil Shall be 100 m. Other Package types or Lengths can be arranged



“Special applications, sizes or alternate material constructions are available upon request”

DECODER CABLES – COMMUNICATION FOR SMART CONTROL

Application: Used for connecting decoder units to irrigation controllers, enabling accurate signal transmission across long distances. These cables play a critical role in modern, automated irrigation systems, where real-time communication is essential.

0.6/1 kV - TCU/PVC/PE

Reference Standard: IEC 60502-1, IEC 60228

Element	Specification
Conductor	Solid tinned copper (Class 1 - IEC 60228 and ASTM B33)
Insulation	PVC compound (70°C rated)
Outer Sheath	PE compound (70°C rated)
Core Configuration	2 cores (Colors as per request)
Available Sizes	16 AWG, 14 AWG, 12 AWG

Why it matters: Smart irrigation starts with clear communication. Our decoder cables deliver consistent, long-range signals, helping your system make smarter decisions, faster.

WHERE OUR CABLES THRIVE

Our irrigation cables are designed for environments where performance can't be compromised.

- ✓ Commercial landscapes in residential compounds and cities
- ✓ Golf courses and large-scale turf irrigation
- ✓ Smart farms using automation
- ✓ Challenging terrains with high sun exposure, moisture, or soil movement

Rated Voltage



Up to 0.6/1 kV

Water Resistance



Up to AD7

Termite Resistance



Abrasion Resistance



Resistance to Solar Radiation and Weather



SUSTAINABILITY

At ELSEWEDY ELECTRIC, caring for the planet and our communities has been at the heart of what we do for over 80 years. We are on a journey to Net Zero. We're passionate about creating energy solutions that not only meet our customers' needs but also protect the world we all share.





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TO VISIT WEBSITE



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