

The Expansion of the Copper Wire and Cable Industry in Southeast Asia and Middle East

Southeast Asia and Middle East Copper Wire and Cable Market Expected to Reach \$52.63 billion by 2032 - Allied Market Research

WILMINGTON, DE, UNITED STATES, March 5, 2025 /EINPresswire.com/ -- Copper wire and cable are fundamental components in modern electrical systems, renowned for their exceptional electrical conductivity, durability, and versatility. Copper, with its high conductivity rating among non-precious metals, is widely used in power generation, transmission, distribution, telecommunications, and electronics. Its ductility allows it to be easily bent and twisted without breaking, making it ideal for various wiring installations.

SOUTH EAST ASIA & MIDDLE EAST COPPER WIRE & CABLE MARKET
OPPORTUNITIES AND FORECAST, 2022-2032

South East Asia & Middle East Copper wire and Cable Market is expected to reach **\$52.63 Billion** by 2032

Growing at a **CAGR of 9.77%** (2023-2032)

South East Asia and Middle East Copper Wire and Cable Market

In addition, the high melting point of copper and its corrosion resistance enhance its reliability in harsh environments. The extensive use of copper in electrical wiring is evident in its dominance across residential, commercial, and industrial settings, where it facilitates efficient power transmission and connectivity.

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The copper wire segment is the most influential in the Southeast Asia and Middle East Copper Wire and Cable Market.”

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Copper wire and cable offer exceptional electrical conductivity, making them ideal for power transmission and distribution. With a unique balance of strength and ductility, copper is bent and twisted without breaking, ensuring flexibility in wiring installations. It also exhibits excellent creep resistance, maintaining stable connections under constant stress. Copper is also known

for its corrosion resistance properties, which makes it durable, though it tends to react with certain metals like aluminum. In addition, its high thermal conductivity efficiently dissipates heat, minimizing hotspots in electrical systems. The solderability of copper further enhances its usability, allowing secure and long-lasting connections in various electrical applications. Surge in applications of copper wire and cables across industries

Copper wire and cable have applications across various sectors due to their excellent electrical conductivity, durability, and versatility. Copper wire and cable are extensively used in power plants and transmission lines. Their high electrical conductivity ensures efficient power transmission with minimal energy loss, making them ideal for high-voltage applications. This reduces the need for additional insulation and armoring, which are expensive processes.

Moreover, in telecommunications, copper wire and cable play a crucial role in designing telephones and internet infrastructure. They are used in broadband connections, telephone networks, and data centers due to their ability to transmit signals efficiently. However, for high-speed data transmission, fiber optic cables are increasingly preferred due to their immunity to electromagnetic interference.

Furthermore, in industrial settings, copper wire and cable are used in heavy machinery, motors, and power distribution systems. Their durability and resistance to corrosion make them ideal for harsh environments. In commercial settings, they are used in electrical wiring for buildings, lighting systems, and HVAC systems. Copper's flexibility and ease of installation make it a preferred choice for complex wiring setups.

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Key factors driving the growth of the Southeast Asia and Middle East Copper Wire and Cable Market include:

Rise in proliferation of smart grids and increase in investments in power system upgrades drive demand for copper wire and cable, supporting new underground and submarine connections while addressing traditional grid limitations. Smart grids reduce greenhouse gas emissions and enhance reliability. With insulated copper wires as key components, their development and power system upgrades drive the expansion of the [Southeast Asia and Middle East Copper Wire and Cable Market](#). According to Allied Market Research, the sector is expected to rise at a CAGR of 9.77% from 2023 to 2032.

In addition, rapid urbanization across the region enhances productivity, income, education, and healthcare while driving smart infrastructure development through information and communications technologies. This advancement optimizes traffic, energy, water, and healthcare systems, creating a soaring demand for wires and cables for efficient data and electricity transmission.

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In August 2023, Elsewedy Electric announced that its Saudi unit is contributing to NEOM, Saudi Arabia's \$500 billion futuristic project, by supplying cables for its development along the Red Sea coast. The company is providing low- and medium-voltage cables for two 28 km tunnels within The Line, the world's first zero-gravity vertical city. Designed to house nine million people, The Line represents a groundbreaking urban innovation, and Elsewedy Electric's involvement reinforces its role in advancing sustainable infrastructure.

Copper wire and cable are indispensable in modern electrical infrastructure due to their superior properties and widespread applications. Moreover, rapid urbanization, smart grids, and large-scale infrastructure projects are accelerating across Southeast Asia and the Middle East, and the demand for copper wire and cable is likely to rise in the future.

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