Middle East Wires & Cables Market, By Voltage (Low, Medium, High, Extra-High), By Installation (Overhead, Underground), By End-User (Aerospace & Defense, Construction, IT & Telecommunication, Oil & Gas, Consumer Electronics, Manufacturing, Automotive, Others), By Type (Upstream, Downstream), By Country, Competition, Forecast & Opportunities, 2020-2030F

Market Report | 2025-04-11 | 123 pages | TechSci Research

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Report description:

Middle East wires and cables market was valued at USD 22.11 billion in 2024 and is projected to reach USD 33.27 billion by 2030, growing at a compound annual growth rate (CAGR) of 6.89% during the forecast period.

Wires and cables are critical infrastructure components in electrical and electronic systems, facilitating the transmission of electricity and data. A wire refers to a single conductor-typically copper or aluminum-used to carry electrical current. It may be solid or stranded, depending on flexibility and application requirements. In contrast, cables comprise two or more insulated wires bundled together within a protective outer sheath, offering enhanced durability, insulation, and resistance to environmental factors.

While wires are predominantly utilized in internal circuits and short-distance connections, cables are better suited for complex setups and long-distance transmission. Both are available in a variety of sizes, materials, and insulation types to meet diverse voltage, environmental, and safety requirements.

Key Market Drivers

Expansion of the Power and Energy Sector

The Middle East is experiencing a transformative shift in its power and energy sector, driven by increasing electricity demand, renewable energy initiatives, and modernization of power transmission and distribution infrastructure. This evolution is a primary driver of growth in the regional wires and cables market.

Gulf nations collectively plan to invest over USD 250 billion in power generation, transmission, and distribution projects by 2030.

This surge in infrastructure development is amplifying the demand for high-quality wires and cables. Population growth and rapid urbanization have further intensified the need for reliable and uninterrupted electricity supply, prompting governments to upgrade aging infrastructure and commission new energy generation facilities, encompassing both conventional and renewable sources. From solar farms in the UAE to wind projects in Saudi Arabia, these initiatives require specialized cables for power transmission, grounding, control, and instrumentation. Moreover, the region's strategic shift toward energy diversification has led to an increase in renewable energy developments. These projects necessitate advanced cable systems capable of withstanding harsh environmental conditions.

Upgrades to transmission and distribution networks, including smart grid implementation, smart metering, and regional interconnection projects, further drive demand for high-capacity power cables, coaxial cables, and control wiring. With plans to add approximately 58.7 GW of renewable energy capacity by 2030-much of which is already under development-the market for specialized solar and wind cables continues to expand.

Key Market Challenges

Volatility in Raw Material Prices

A significant challenge for the Middle East wires and cables market is the volatility of raw material prices. The production of wires and cables relies heavily on materials such as copper, aluminum, and polymers used for insulation and sheathing. These commodities are subject to global price fluctuations influenced by market dynamics, geopolitical factors, and broader economic conditions.

Copper, a core component in electrical cabling, directly impacts production costs when prices fluctuate. Likewise, aluminum and polymer compounds are influenced by variables including oil prices, mining output, and logistics. Manufacturers in the region-many of whom depend on imported materials-are particularly exposed to this volatility.

Such unpredictability complicates long-term project planning and the ability to offer fixed-price contracts, especially in large-scale infrastructure projects. It also exerts pressure on profit margins and can lead to project delays if materials cannot be procured cost-effectively. While some large manufacturers manage these risks through commodity hedging, smaller players often lack the resources to do so, increasing their exposure.

In an effort to manage costs, some manufacturers may opt to use lower-grade materials, potentially compromising product quality. This poses risks in environments like the Middle East, where extreme heat, sand, and humidity demand robust and durable cabling solutions. Substandard materials can lead to premature failures, safety hazards, and increased maintenance expenses.

Key Market Trends

Growing Adoption of Fire-Resistant and Low-Smoke Cables

A notable trend in the Middle East wires and cables market is the rising demand for fire-resistant and low-smoke, zero halogen (LSZH) cables. As urban development accelerates-with increasing numbers of high-rise buildings, hospitals, airports, and commercial complexes-fire safety regulations have become more stringent.

Fire-resistant cables are engineered to maintain circuit integrity during fire incidents, ensuring the continuous operation of critical systems such as emergency lighting and communication networks. LSZH cables, on the other hand, emit minimal smoke and non-toxic gases when exposed to high temperatures, significantly reducing health risks during fire emergencies.

Governments and developers across the Gulf region are prioritizing adherence to international safety standards such as IEC 60331 and IEC 60754. In response, manufacturers are innovating with advanced materials and design techniques to enhance fire resistance, thermal stability, and smoke suppression capabilities.

This trend is particularly prominent in countries like the UAE and Saudi Arabia, where large-scale projects-such as smart cities and next-generation transport hubs-demand high-specification cabling systems that meet rigorous safety requirements. Moreover, evolving insurance standards and updated building codes are prompting wider adoption of these cables, including in the retrofitting of older infrastructure.

Key Market Players

- Saudi Cable Company
- Elsewedy Electric
- General Cable

-Ducab
-Fujikura Ltd.
-Cables & Accessories
-National Cables Industry
-Alfanar
-Arabian Cables Company
-Oman Cables Industry

Report Scope:

In this report, the Middle East Wires & Cables Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

-Middle East Wires & Cables Market, By Voltage:
- Low
- Medium
- High
- Extra-High

-Middle East Wires & Cables Market, By Installation:
- Overhead
- Underground

-Middle East Wires & Cables Market, By End-User:
- Aerospace & Defense
- Construction
- IT & Telecommunication
- Oil & Gas
- Consumer Electronics
- Manufacturing
- Automotive
- Others

-Middle East Wires & Cables Market, By Type:
- Upstream
- Downstream

-Middle East Wires & Cables Market, By Country:
- Saudi Arabia
- UAE
- Qatar
- Bahrain
- Kuwait
- Oman
- Israel
- Rest of Middle East

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Middle East Wires & Cables Market.

Available Customizations:

Middle East Wires & Cables Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

-Detailed analysis and profiling of additional market players (up to five).

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