

Europe Cable Market to Accomplish Significant Growth, Reaching \$31.92 Billion by 2030 at a CAGR of 6.2% from 2024-2030

DALLAS, TEXAS, UNITED STATES, July 11, 2024 /EINPresswire.com/ -- Key contents of [the Europe Cable Market](#) report include:-

- Market size & Forecast segmented by Country, Product Type, End-User, and Material Type
- Technology trends, Research focus area, and Emerging Cable Technologies
- Value Chain Analysis
- Competitive landscape and market share of leading vendors
- European Union (EU) Directives and Regulations for cable safety and performance
- Mega Projects in Europe and Projected Revenue for Cable Supplier

The logo for Mobility Foresights, with "Mobility" on the top line and "Foresights" on the bottom line. A green stylized cable or fiber optic line connects the 'o' in "Mobility" to the 'o' in "Foresights".

The [Europe Cable Market](#) growth is driven by increased investments in infrastructure, rising demand for renewable energy, and the expansion of the telecommunications sector. According to the latest market study by Mobility Foresights, the "Europe Cable Market 2024-2030" is expected to grow from \$21.04 Billion in 2023 to \$31.92 Billion by 2030, at a compound annual growth rate (CAGR) of 6.2%.

Market Overview:

Fiber optic cables are the fastest-growing segment, gradually replacing copper cables due to their superior bandwidth capacity and ability to support future internet needs.

Concerns about environmental impact are driving innovation in cable materials and manufacturing processes.

In terms of Product Type, Coaxial Cables/Electronic Wires and Fiber Optic Cables will collectively hold more than 54% of the market. This estimation provides the importance of IT and

Telecommunication market growth and how that industry is the most prominent industry bolstering the sales of cables

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KEY FINDINGS:-

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Moreover, due to the increasing reliance of public authorities and private consumers on renewable energy sources the modernization of energy and utility will also procure a considerable amount of advanced cables in the market.

Advancements in cable design and materials are enabling the development of high-voltage cables for long-distance power transmission, crucial for renewable energy integration.

Emerging technologies are integrating sensors and monitoring capabilities into cables, allowing for real-time data collection, improved diagnostics, and preventive maintenance.

Research is ongoing in next-generation fiber optic technologies like multi-core and space-division multiplexing (SDM) to further increase data transmission capacity.

The market might see consolidation among cable manufacturers as companies seek economies of scale and a stronger foothold in the market.

Leading players will prioritize research and development to stay ahead of the curve with innovative cable solutions addressing emerging needs.

Collaboration between cable manufacturers, technology providers, and infrastructure developers will be crucial for accelerating market growth.

Coaxial Cables & Electronic Wires hold a significant share due to their widespread use in telecommunication networks, consumer electronics, and antenna connections.

Information Technology & Telecommunication (IT & Telecom) is the largest segment, driven by data center growth and network infrastructure development.

Copper remains the dominant conductor material, but aluminum is gaining traction due to cost and weight advantages.

However, in terms of market growth prospects Fiber Optic Cable is projected to attain remarkable market growth. Increased emphasis on the development of fiber optic networks across the continent can be attributed as a major factor behind the growth.

Ongoing infrastructure development projects across Europe, particularly in Eastern Europe, require significant cable deployment for power distribution, communication networks, and smart city initiatives. This creates a strong demand for various cable types, including power cables, fiber optic cables, and control cables.

The rapid growth of data centers to support cloud computing services is driving the demand for high-performance cables for data center infrastructure. This includes fiber optic cables for data transmission and high-voltage power cables for reliable power supply.

The increasing adoption of automation and smart technologies across various industries, like manufacturing and logistics, is fueling the need for reliable and efficient cable solutions. This includes signal and control cables for industrial automation systems and sensor networks.

“Cable manufacturers are expanding beyond selling by offering installation, maintenance, and monitoring services, appealing as a one-stop cable solution for businesses.”

- Mayuresh Dixit

Key Growth Drivers:

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Market Challenges:

Raw Material Price Volatility: Fluctuations in the prices of raw materials such as copper, aluminum, and polymers directly affect production costs for cable manufacturers. Sudden price increases can squeeze profit margins unless adjustments are made swiftly.

Regulatory Compliance: The European Union (EU) imposes stringent regulations concerning product safety, environmental standards, and energy efficiency. Complying with these regulations requires significant investments in research, development, and manufacturing processes to ensure adherence while remaining competitive.

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Key Trends in Europe Cable Market:

Renewable Energy Projects

High-capacity undersea cables are needed for cross-border energy interconnection projects in Europe to integrate national grids and improve energy security.

Advancements in Cable Materials and Design

The development of cables that can withstand higher temperatures is critical for certain industrial applications and for use in renewable energy installations.

Government Policies and Incentives

Policies promoting energy efficiency improvements in buildings and industrial facilities drive demand for modern electrical and data cables.

Interconnection Projects

Initiatives to connect Eastern European countries to broader European energy networks, such as the Baltic Sea offshore wind grid connection projects, require submarine cables and high-voltage transmission lines.

Regional Insights:

Germany:

Germany's commitment to phasing out nuclear and fossil fuels in favor of renewable energy sources, such as wind, solar, and biomass, has led to a substantial increase in the need for cables.

This includes both power cables for energy generation sites and transmission cables to connect these sites to the national grid.

United Kingdom:

U.K. currently leads the globe in harnessing offshore wind energy and has also some large-scale projects under development. By utilizing all the projects the government aims to generate 40 GW of energy using wind power by the end of 2030.

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Emerging Cable Technologies In Europe

Bend-Insensitive Fiber The increasing application of bend insensitive fiber is predominant in urban areas and cramped spaces. Bend-insensitive fiber cables can maintain performance even when bent or twisted, making them ideal for complex installations in buildings and urban areas. These fibers are extremely useful in densely populated urban areas, data center infrastructures, and during the installation of fiber-to-the-home (FTTH) networks.

Multi-Core Fiber (MCF): These cables can be considered as another form of advanced optical fiber cables which are used to develop the fiber network infrastructure. These cables reduce the loss of data and provide a substantial increment in the transmission speed of the cables. Multi-core fiber contains multiple cores within a single fiber, increasing data transmission capacity without increasing the physical size of the cable.

Hybrid Fiber-Coaxial (HFC) Cables: This technology is recently being introduced in the market and the cables are known as Hybrid and Composite Cables which are designed to provide the advantages of two different types of cables into a single modular cable. This product increases the cable's operational efficiency and at the same time elevate the durability of the structure. Combines fiber optic and coaxial cables to leverage the strengths of both technologies, typically used in telecommunications networks.

High-Voltage Direct Current (HVDC) Cables: HVDC cables are used for efficient long-distance transmission of electricity with minimal losses. With the increasing trend of long haul communication and increasing efforts to increase electric connectivity even in the most remote terrains, HVDC cables are set to witness a massive increment in procurement. These cables find their application across interconnecting national grids, offshore wind farms, and undersea power transmissions.

COMPANY PROFILES:-

Prysmian

Nexans

LEONI AG

TFKable

NKT Cable

Belden Inc,

PENGG KABEL GmbH

RCT Cables

Future Outlook:-

Continued growth in renewable energy projects, such as offshore wind farms, will drive substantial demand for high-voltage and submarine cables across Northern and Western Europe.

The rapid expansion of 5G networks throughout Europe will significantly increase the demand for fiber optic cables and high-speed data transmission solutions. Investment in telecommunications infrastructure and smart city initiatives will further propel the growth of the

cable market in Southern and Eastern Europe.

Key Benefits for Stakeholders:-

Quantitative Market Analysis: This report delivers a quantitative analysis of market segments, current trends, estimations, and dynamics from 2024 to 2030 for the Europe Cable market, highlighting significant opportunities.

Driver and Restraint Insights: Detailed insights into key factors driving the market growth, alongside major restraints, help stakeholders understand the impact of various market dynamics.

Detailed Market Segmentation: An in-depth analysis of market segmentation aids stakeholders in identifying the most lucrative niches.

Geographic Revenue Mapping: Major countries in each region are mapped according to their revenue contribution to the Europe Cable market.

Market Player Positioning: The report facilitates benchmarking and delivers a clear understanding of the current position of the market players involved.

Comprehensive Market Outlook: Includes an analysis of regional and Europe Cable trends, key players, market segments, application areas, and strategic market growth approaches.

Reasons to Purchase:-

Strategic Decision Support: This report offers valuable data on market forecasts, sector trends, and micro and macro details to support strategic decisions.

Competitive Strategy Development: Insights into market share and positioning of key market players aid in developing competitive strategies and positioning one's own business effectively.

Risk Evaluation: Understanding market drivers, restraints, and dynamics helps in assessing potential risks and developing risk mitigation strategies.

Market Entry and Expansion: Detailed analysis of segmented market growth, geographic trends, and regulatory frameworks assists businesses in planning market entry and expansion strategies.

Optimal Investment Planning: The report guides stakeholders in identifying regions and sectors ripe for investment, helping optimize investment strategies.

Regulatory Impact Analysis: Provides a detailed understanding of the regulatory landscape and upcoming changes, which are crucial for compliance and strategic planning.

The report provides insight into current and future potential applications, which help the stakeholder to collaborate with certain players across industries

Check the Complete Table of Contents with List of Table and Figures@

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THIS REPORT WILL ANSWER FOLLOWING QUESTIONS:-

[Europe Cable market size](#) and forecast, By Geography, Product Type, End User, and Material Type

Competitive landscape and market share of Top Players

Key drivers and restraints shaping the growth of the Europe cable market

Technology trends and related opportunities for Europe Cable Manufacturers and suppliers

Unmet Needs And Market Opportunity For Suppliers

The potential entry barriers and risks for new players entering the Europe Cable market

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