

High Voltage Cable Market Report by Installation (Overhead, Underground, Submarine), Voltage Type (50kV-110kV, 115kV-330kV, More than 330kV), End User (Industrial, Renewable Energy, Infrastructure), and Region 2024-2032

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Abstracts

The global high voltage cable market size reached US\$ 42.1 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 66.2 Billion by 2032, exhibiting a growth rate (CAGR) of 5% during 2024-2032.

High voltage cables (HVCs) are extensively utilized for electric power transmission at high voltages. Equipped with structural elements of protective jackets, one or more conductors, and insulators, they are designed to efficiently transmit electricity without any power loss during long-range transmissions. The presence of additional internal layers in the insulation jacket assists HVCs in controlling the electric flow around the conductor. As a result, they find widespread applications across various sectors, such as power utility, mining, chemical and petrochemical, paper and pulp, wastewater treatment, manufacturing, and oil and gas.

High Voltage Cable Market Trends:

The market is primarily driven by the ever-increasing demand for electricity across the globe. This can be accredited to the rising reliance on electronic appliances and devices among the masses and the escalating need for an uninterrupted power supply. In line with this, the flourishing global construction industry and the continuous replacements of aging grid infrastructure and transmission lines due to the shift toward smart grids are providing an impetus to the market growth. Besides this, the preference for renewable energy sources, such as solar and wind energy, due to an enhanced focus on

sustainable development has led to the construction of new utility grid setups with improved transmission and distribution networks on the global level, thereby acting as a significant growth-inducing factor for the market. Also, the growing number of rural electrification projects undertaken by the governments of various countries is fueling the product demand. Some of the other factors creating a positive outlook for the market include rapid industrialization, continual technological advancements in distribution networks, and extensive research and development (R&D) activities conducted by key players.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global high voltage cable market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on installation, voltage type and end user.

Breakup by Installation:

- Overhead
- Underground
- Submarine

Breakup by Voltage Type:

- 50kV-110kV
- 115kV-330kV
- More than 330kV

Breakup by End User:

- Industrial
- Power Utilities
- Oil and Gas
- Mining
- Chemical and Petrochemical
- Others
- Renewable Energy
- Wind
- Hydropower
- Others

Infrastructure
Commercial
Residential

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Brugg Kabel AG, Ducab, LS Cable & System Ltd, NEXANS, NKT A/S, Prysmian Group, Siemens AG, Southwire Company LLC, Sumitomo Electric Industries Ltd., TBEA Co. Ltd. and TELE-FONIKA Kable S.A.

Key Questions Answered in This Report

1. What was the size of the global high voltage cable market in 2023?
2. What is the expected growth rate of the global high voltage cable market during 2024-2032?

3. What has been the impact of COVID-19 on the global high voltage cable market?
4. What are the key factors driving the global high voltage cable market?
5. What is the breakup of the global high voltage cable market based on the installation?
6. What is the breakup of the global high voltage cable market based on the end user?
7. What are the key regions in the global high voltage cable market?
8. Who are the key players/companies in the global high voltage cable market?

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