

Global Superconducting Wire Market - Forecasts from 2017 to 2022

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Abstracts

The global superconducting wire market is projected to witness a compound annual growth rate of 8.54% during the forecast period to reach a total market size of US\$1.310 billion by 2022, increasing from US\$0.801 billion in 2016. Increasing efficiency and improved transmission capabilities provided by the latest superconducting materials are driving the market for superconducting wires. Rapidly growing automotive and healthcare industry will further augment the growth of the superconducting wire market. However, high manufacturing and operating costs associated with superconducting wires will impede the market growth. Moreover, lack of skilled professionals will further restrain the market growth.

Research Methodology

The report provides a brief introduction of the market and deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segments which have been covered as part of the report.

Market Dynamics

The next section provides comprehensive market dynamics through an overview section along with growth drivers, challenges, and opportunities which exist in the current market. This section of the report also provides global and regional regulations which are determining the market growth and industry value chain analysis of the global superconducting wire market. Complete industry analysis has also been covered through Porter's five forces model as a part of this report section.

Competitive Insight

The major players discussed in this report include American Superconductor, Fujikura Ltd, Japan Superconductor Technology, Inc., Supercon, Inc., and Furukawa Electric Co., Ltd among few others.

Segmentation

In the report, global Superconducting wire market has been segmented by type, material, application, and geography:

By Type

- Low-Temperature superconducting wires

- Medium-Temperature superconducting wires

- High-Temperature superconducting wires

By Material

- Yttrium Barium Copper Oxide (YBCO)

- Bi-2212

- Bi-2223

- Others

By Application

- Electronics

- Energy

- Scientific and Medical equipment

- Automotive

- Others

By Geography

- North America

- South America

- Europe

- Middle East and Africa (MEA)

- Asia Pacific (APAC)

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