

Residential Building Wire and Cable Market – Global Industry Size, Share, Trends, Opportunity, and Forecast Segmented By Voltage Rating (Low Voltage, Medium Voltage, High Voltage, Extra-High Voltage), By Cable Type (Commercial Wire & Cable and Power Cable), By Material (Metallic and Non Metallic), By Region & Competition, 2021-2031F

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Abstracts

The Global Residential Building Wire and Cable Market will grow from USD 36.36 Billion in 2025 to USD 52.52 Billion by 2031 at a 6.32% CAGR. Residential building wire and cable refers to the insulated conductors and cabling systems used for the distribution of electricity and data transmission within housing structures, including single-family homes and multi-dwelling units.

Key Market Drivers

The surge in new residential construction and real estate development serves as the primary engine for market volume, necessitating extensive deployment of electrical infrastructure in both single-family and multi-dwelling structures. As urbanization accelerates, developers are increasingly capitalizing on demand by launching large-scale housing projects that require massive quantities of building wire for lighting, power outlets, and service distribution. This direct correlation between housing starts and cable procurement creates a stable baseline for industry revenue as every new unit completes the transition from architectural planning to physical electrical fit-out.

Key Market Challenges

Escalating construction expenses constitute a formidable barrier to the expansion of the Global Residential Building Wire and Cable Market. This financial strain primarily stems from the volatility of essential raw materials, particularly copper and aluminum, which are fundamental to manufacturing electrical conductors. When input costs rise unpredictably, developers and contractors face squeezed profit margins, forcing them to delay project start dates or scale back the scope of residential developments.

Key Market Trends

The deployment of Fiber-to-the-Home (FTTH) infrastructure is radically altering the material composition of the residential wire market, shifting technical priorities from traditional copper twisted pairs to high-capacity optical fiber systems. As homeowners demand gigabit-speed connectivity for bandwidth-heavy applications, developers are prioritizing the installation of fiber optic cables directly to living units, necessitating new installation techniques and terminal equipment.

Key Market Players

Prysmian Group

Nexans

Southwire Company

General Cable

Amphenol Corporation

Belden Inc.

Fujikura Ltd.

Leoni AG

Sumitomo Electric Industries

LS Cable & System

Report Scope:

In this report, the Global Residential Building Wire and Cable Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Residential Building Wire and Cable Market, By Voltage Rating:

Low Voltage

Medium Voltage

High Voltage

Extra-High Voltage

Residential Building Wire and Cable Market, By Cable Type:

Commercial Wire & Cable and Power Cable

Residential Building Wire and Cable Market, By Material:

Metallic and Non Metallic

Residential Building Wire and Cable Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global

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Residential Building Wire and Cable Market.

Available Customizations:

Global Residential Building Wire and Cable 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).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. GLOBAL RESIDENTIAL BUILDING WIRE AND CABLE MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Voltage Rating (Low Voltage, Medium Voltage, High Voltage, Extra-High Voltage)
 - 5.2.2. By Cable Type (Commercial Wire & Cable and Power Cable)
 - 5.2.3. By Material (Metallic and Non Metallic)

- 5.2.4. By Region
- 5.2.5. By Company (2025)
- 5.3. Market Map

6. NORTH AMERICA RESIDENTIAL BUILDING WIRE AND CABLE MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Voltage Rating
 - 6.2.2. By Cable Type
 - 6.2.3. By Material
 - 6.2.4. By Country
- 6.3. North America: Country Analysis
 - 6.3.1. United States Residential Building Wire and Cable Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Voltage Rating
 - 6.3.1.2.2. By Cable Type
 - 6.3.1.2.3. By Material
 - 6.3.2. Canada Residential Building Wire and Cable Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Voltage Rating
 - 6.3.2.2.2. By Cable Type
 - 6.3.2.2.3. By Material
 - 6.3.3. Mexico Residential Building Wire and Cable Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Voltage Rating
 - 6.3.3.2.2. By Cable Type
 - 6.3.3.2.3. By Material

7. EUROPE RESIDENTIAL BUILDING WIRE AND CABLE MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value
- 7.2. Market Share & Forecast
 - 7.2.1. By Voltage Rating
 - 7.2.2. By Cable Type
 - 7.2.3. By Material
 - 7.2.4. By Country
- 7.3. Europe: Country Analysis
 - 7.3.1. Germany Residential Building Wire and Cable Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Voltage Rating
 - 7.3.1.2.2. By Cable Type
 - 7.3.1.2.3. By Material
 - 7.3.2. France Residential Building Wire and Cable Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Voltage Rating
 - 7.3.2.2.2. By Cable Type
 - 7.3.2.2.3. By Material
 - 7.3.3. United Kingdom Residential Building Wire and Cable Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Voltage Rating
 - 7.3.3.2.2. By Cable Type
 - 7.3.3.2.3. By Material
 - 7.3.4. Italy Residential Building Wire and Cable Market Outlook
 - 7.3.4.1. Market Size & Forecast
 - 7.3.4.1.1. By Value
 - 7.3.4.2. Market Share & Forecast
 - 7.3.4.2.1. By Voltage Rating
 - 7.3.4.2.2. By Cable Type
 - 7.3.4.2.3. By Material
 - 7.3.5. Spain Residential Building Wire and Cable Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Value

7.3.5.2. Market Share & Forecast

7.3.5.2.1. By Voltage Rating

7.3.5.2.2. By Cable Type

7.3.5.2.3. By Material

8. ASIA PACIFIC RESIDENTIAL BUILDING WIRE AND CABLE MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Voltage Rating

8.2.2. By Cable Type

8.2.3. By Material

8.2.4. By Country

8.3. Asia Pacific: Country Analysis

8.3.1. China Residential Building Wire and Cable Market Outlook

8.3.1.1. Market Size & Forecast

8.3.1.1.1. By Value

8.3.1.2. Market Share & Forecast

8.3.1.2.1. By Voltage Rating

8.3.1.2.2. By Cable Type

8.3.1.2.3. By Material

8.3.2. India Residential Building Wire and Cable Market Outlook

8.3.2.1. Market Size & Forecast

8.3.2.1.1. By Value

8.3.2.2. Market Share & Forecast

8.3.2.2.1. By Voltage Rating

8.3.2.2.2. By Cable Type

8.3.2.2.3. By Material

8.3.3. Japan Residential Building Wire and Cable Market Outlook

8.3.3.1. Market Size & Forecast

8.3.3.1.1. By Value

8.3.3.2. Market Share & Forecast

8.3.3.2.1. By Voltage Rating

8.3.3.2.2. By Cable Type

8.3.3.2.3. By Material

8.3.4. South Korea Residential Building Wire and Cable Market Outlook

8.3.4.1. Market Size & Forecast

8.3.4.1.1. By Value

8.3.4.2. Market Share & Forecast

8.3.4.2.1. By Voltage Rating

8.3.4.2.2. By Cable Type

8.3.4.2.3. By Material

8.3.5. Australia Residential Building Wire and Cable Market Outlook

8.3.5.1. Market Size & Forecast

8.3.5.1.1. By Value

8.3.5.2. Market Share & Forecast

8.3.5.2.1. By Voltage Rating

8.3.5.2.2. By Cable Type

8.3.5.2.3. By Material

9. MIDDLE EAST & AFRICA RESIDENTIAL BUILDING WIRE AND CABLE MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By Voltage Rating

9.2.2. By Cable Type

9.2.3. By Material

9.2.4. By Country

9.3. Middle East & Africa: Country Analysis

9.3.1. Saudi Arabia Residential Building Wire and Cable Market Outlook

9.3.1.1. Market Size & Forecast

9.3.1.1.1. By Value

9.3.1.2. Market Share & Forecast

9.3.1.2.1. By Voltage Rating

9.3.1.2.2. By Cable Type

9.3.1.2.3. By Material

9.3.2. UAE Residential Building Wire and Cable Market Outlook

9.3.2.1. Market Size & Forecast

9.3.2.1.1. By Value

9.3.2.2. Market Share & Forecast

9.3.2.2.1. By Voltage Rating

9.3.2.2.2. By Cable Type

9.3.2.2.3. By Material

9.3.3. South Africa Residential Building Wire and Cable Market Outlook

9.3.3.1. Market Size & Forecast

9.3.3.1.1. By Value

9.3.3.2. Market Share & Forecast

9.3.3.2.1. By Voltage Rating

9.3.3.2.2. By Cable Type

9.3.3.2.3. By Material

10. SOUTH AMERICA RESIDENTIAL BUILDING WIRE AND CABLE MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Voltage Rating

10.2.2. By Cable Type

10.2.3. By Material

10.2.4. By Country

10.3. South America: Country Analysis

10.3.1. Brazil Residential Building Wire and Cable Market Outlook

10.3.1.1. Market Size & Forecast

10.3.1.1.1. By Value

10.3.1.2. Market Share & Forecast

10.3.1.2.1. By Voltage Rating

10.3.1.2.2. By Cable Type

10.3.1.2.3. By Material

10.3.2. Colombia Residential Building Wire and Cable Market Outlook

10.3.2.1. Market Size & Forecast

10.3.2.1.1. By Value

10.3.2.2. Market Share & Forecast

10.3.2.2.1. By Voltage Rating

10.3.2.2.2. By Cable Type

10.3.2.2.3. By Material

10.3.3. Argentina Residential Building Wire and Cable Market Outlook

10.3.3.1. Market Size & Forecast

10.3.3.1.1. By Value

10.3.3.2. Market Share & Forecast

10.3.3.2.1. By Voltage Rating

10.3.3.2.2. By Cable Type

10.3.3.2.3. By Material

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)
- 12.3. Recent Developments

13. GLOBAL RESIDENTIAL BUILDING WIRE AND CABLE MARKET: SWOT ANALYSIS

14. PORTER'S FIVE FORCES ANALYSIS

- 14.1. Competition in the Industry
- 14.2. Potential of New Entrants
- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Products

15. COMPETITIVE LANDSCAPE

- 15.1. Prysmian Group
 - 15.1.1. Business Overview
 - 15.1.2. Products & Services
 - 15.1.3. Recent Developments
 - 15.1.4. Key Personnel
 - 15.1.5. SWOT Analysis
- 15.2. Nexans
- 15.3. Southwire Company
- 15.4. General Cable
- 15.5. Amphenol Corporation
- 15.6. Belden Inc.
- 15.7. Fujikura Ltd.
- 15.8. Leoni AG
- 15.9. Sumitomo Electric Industries
- 15.10. LS Cable & System

16. STRATEGIC RECOMMENDATIONS

17. ABOUT US & DISCLAIMER

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