

# **North America Automotive High Voltage Cable Market Forecast to 2030 – Regional Analysis – by Vehicle Type [(Battery Electric Vehicles (BEV), Plugin Hybrid Electric Vehicles (PHEV), Plugin Hybrid Vehicles (PHV)], Conductor Type (Copper and Aluminum), and Core Type (Multi Core and Single Core)**

<https://marketpublishers.com/r/N31A5DD12E85EN.html>

Date: January 2024

Pages: 75

Price: US\$ 3,550.00 (Single User License)

ID: N31A5DD12E85EN

## **Abstracts**

The North America automotive high voltage cable market was valued at US\$ 430.39 million in 2022 and is expected to reach US\$ 775.04 million by 2030; it is estimated to grow at a CAGR of 7.6% from 2022 to 2030.

**Increasing Production of Electric Vehicles Fuels the North America Automotive High Voltage Cable Market**

Electric vehicles (EVs) rely on high-power motors and large-capacity batteries, necessitating the use of high-voltage cables for power transmission. The cables offer benefits such as faster charging, carrying bulk power, improving voltage regulation, reducing voltage drop, and minimizing power losses. Initiatives such as the EVOLVE project have been established to support the growing demand for EVs. High-voltage cables play a vital role in enabling efficient power transmission. Rising transition to EVs propels power usage and its transmission, fueling the demand for automotive high-voltage cables. Thus, effective cables are being launched by the key market players. Therefore, increasing production of EVs bolsters the North America automotive high-voltage cables market growth.

**North America Automotive High Voltage Cable Market Overview**

North America's automotive high voltage cable market is sub-segmented into the US, Canada, and Mexico. Despite the unprecedented global economic downturn caused by the COVID-19 pandemic, the global transition to electric vehicles maintained its momentum in 2020. According to the International Council on Clean Transportation

report in 2021, with nearly 330,000 new sales in 2020, the US is the third largest electric vehicle market. Governments of North American countries are taking significant initiatives to produce or develop the electric vehicle industry. Automotive manufacturers are also focusing on investing in manufacturing electric vehicles (EVs) in North America, which is expanding faster. As per the data published by the International Energy Agency (IEA), the demand for battery electric vehicles (BEV) in the US increased from 231 thousand units in 2020 to 466 thousand units in 2021, and plug-in hybrid electric vehicles (PHEV) increased from 64 thousand units in 2020 to 165 thousand units. Thus, such growth prospects in the EV industry are augmenting the demand for deploying high voltage cables. High voltage cables can transmit electricity to longer distances. By using these cables, almost negligible current loss takes place due to leakage as it is highly insulated. High vehicle cable is used in the EVs to enhance the safety and comfort features that help drive the market growth over the projected timeframe.

North America Automotive High Voltage Cable Market Revenue and Forecast to 2030 (US\$ Mn)

North America Automotive High Voltage Cable Market Segmentation

The North America automotive high voltage cable market is segmented into vehicle type, conductor type, core type, and country.

Based on vehicle type, the North America automotive high voltage cable market is segmented into battery electric vehicles (BEV), plugin hybrid electric vehicles (PHEV), plugin hybrid vehicles (PHV). The battery electric vehicles (BEV) segment held the largest market share in 2022.

Based on conductor type, the North America automotive high voltage cable market is bifurcated into copper and aluminum. The copper segment held a larger market share in 2022.

Based on core type, the North America automotive high voltage cable market is segmented into multi core and single core. The multi core segment held a larger market share in 2022.

Based on country, the North America automotive high voltage cable market is segmented into the US, Canada, and Mexico. The US dominated the North America automotive high voltage cable market in 2022.

Champlain Cable Corp, Coroplast Fritz Muller GmbH & Co KG, Gebauer & Griller Kabelwerke GesmbH, Huber+Suhner AG, LEONI AG, Prysmian SpA, Shanghai KMCable Group Co Ltd, and Sumitomo Electric Industries Ltd are some of the leading companies operating in the North America automotive high voltage cable market.

## Contents

### **1. INTRODUCTION**

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights
- 2.2 Market Attractiveness

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. NORTH AMERICA AUTOMOTIVE HIGH VOLTAGE CABLE MARKET LANDSCAPE**

- 4.1 Overview
- 4.2 PEST Analysis
- 4.3 Ecosystem Analysis
  - 4.3.1 Raw Material Suppliers:
  - 4.3.2 Manufacturers:
  - 4.3.3 Distributors or Suppliers:
  - 4.3.4 End User:
  - 4.3.5 List of Vendors in the Value Chain:

### **5. NORTH AMERICA AUTOMOTIVE HIGH VOLTAGE CABLE MARKET - KEY INDUSTRY DYNAMICS**

- 5.1 North America Automotive High Voltage Cable Market - Key Industry Dynamics
- 5.2 Market Drivers
  - 5.2.1 Increasing Production of Electric Vehicles
  - 5.2.2 Increasing Initiatives Related to Safety Requirements and Test Methods for EV High Voltage Systems
- 5.3 Market Restraints

- 5.3.1 Availability of Counterfeit Automotive Cables
- 5.4 Market Opportunities
  - 5.4.1 Growing Demand for Premium Vehicles
- 5.5 Future Trends
  - 5.5.1 Increasing Usage of Advanced Features in Vehicles
- 5.6 Impact of Drivers and Restraints:

## **6. AUTOMOTIVE HIGH VOLTAGE CABLE MARKET - NORTH AMERICA MARKET ANALYSIS**

- 6.1 North America Automotive High Voltage Cable Market Revenue (US\$ Million), 2022 – 2030
- 6.2 North America Automotive High Voltage Cable Market Forecast and Analysis

## **7. NORTH AMERICA AUTOMOTIVE HIGH VOLTAGE CABLE MARKET ANALYSIS - VEHICLE TYPE**

- 7.1 Battery Electric Vehicles (BEV)
  - 7.1.1 Overview
  - 7.1.2 Battery Electric Vehicles (BEV) Market Revenue and Forecast to 2030 (US\$ Million)
- 7.2 Plugin Hybrid Electric Vehicles (PHEV)
  - 7.2.1 Overview
  - 7.2.2 Plugin Hybrid Electric Vehicles (PHEV) Market Revenue and Forecast to 2030 (US\$ Million)
- 7.3 Hybrid Electric Vehicles (HEV)
  - 7.3.1 Overview
  - 7.3.2 Hybrid Electric Vehicles (HEV) Market Revenue and Forecast to 2030 (US\$ Million)

## **8. NORTH AMERICA AUTOMOTIVE HIGH VOLTAGE CABLE MARKET ANALYSIS - CONDUCTOR TYPE**

- 8.1 Copper
  - 8.1.1 Overview
  - 8.1.2 Copper Market Revenue, and Forecast to 2030 (US\$ Million)
- 8.2 Aluminum
  - 8.2.1 Overview
  - 8.2.2 Aluminum Market Revenue, and Forecast to 2030 (US\$ Million)

## **9. NORTH AMERICA AUTOMOTIVE HIGH VOLTAGE CABLE MARKET ANALYSIS – CORE TYPE**

### 9.1 Multi Core

#### 9.1.1 Overview

#### 9.1.2 Multi Core Market Revenue, and Forecast to 2030 (US\$ Million)

### 9.2 Single Core

#### 9.2.1 Overview

#### 9.2.2 Single Core Market Revenue, and Forecast to 2030 (US\$ Million)

## **10. NORTH AMERICA AUTOMOTIVE HIGH VOLTAGE CABLE MARKET - COUNTRY ANALYSIS**

### 10.1 Overview

#### 10.1.1 North America Automotive High Voltage Cable Market Revenue and Forecasts and Analysis - By Countries

##### 10.1.1.1 North America Automotive High Voltage Cable Market Breakdown by Country

##### 10.1.1.2 US: North America Automotive High Voltage Cable Market Revenue and Forecasts to 2030 (US\$ Mn)

###### 10.1.1.2.1 US: North America Automotive High Voltage Cable Market Breakdown by Vehicle Type

###### 10.1.1.2.2 US: North America Automotive High Voltage Cable Market Breakdown by Conductor Type

###### 10.1.1.2.3 US: North America Automotive High Voltage Cable Market Breakdown by Core Type

##### 10.1.1.3 Canada: North America Automotive High Voltage Cable Market Revenue and Forecasts to 2030 (US\$ Mn)

###### 10.1.1.3.1 Canada: North America Automotive High Voltage Cable Market Breakdown by Vehicle Type

###### 10.1.1.3.2 Canada: North America Automotive High Voltage Cable Market Breakdown by Conductor Type

###### 10.1.1.3.3 Canada: North America Automotive High Voltage Cable Market Breakdown by Core Type

##### 10.1.1.4 Mexico: North America Automotive High Voltage Cable Market Revenue and Forecasts to 2030 (US\$ Mn)

###### 10.1.1.4.1 Mexico: North America Automotive High Voltage Cable Market Breakdown by Vehicle Type

10.1.1.4.2 Mexico: North America Automotive High Voltage Cable Market  
Breakdown by Conductor Type

10.1.1.4.3 Mexico: North America Automotive High Voltage Cable Market  
Breakdown by Core Type

## **11. COMPETITIVE LANDSCAPE**

11.1 Heat Map Analysis By Key Players

11.2 Company Positioning & Concentration

## **12. NORTH AMERICA AUTOMOTIVE HIGH VOLTAGE CABLE MARKET INDUSTRY LANDSCAPE**

12.1 Overview

12.2 Market Initiatives

12.3 New Product Developments

## **13. COMPANY PROFILES**

13.1 Huber+Suhner AG

13.1.1 Key Facts

13.1.2 Business Description

13.1.3 Products and Services

13.1.4 Financial Overview

13.1.5 SWOT Analysis

13.1.6 Key Developments

13.2 Prysmian SpA

13.2.1 Key Facts

13.2.2 Business Description

13.2.3 Products and Services

13.2.4 Financial Overview

13.2.5 SWOT Analysis

13.2.6 Key Developments

13.3 LEONI AG

13.3.1 Key Facts

13.3.2 Business Description

13.3.3 Products and Services

13.3.4 Financial Overview

13.3.5 SWOT Analysis

- 13.3.6 Key Developments
- 13.4 Coroplast Fritz Muller GmbH & Co KG
  - 13.4.1 Key Facts
  - 13.4.2 Business Description
  - 13.4.3 Products and Services
  - 13.4.4 Financial Overview
  - 13.4.5 SWOT Analysis
  - 13.4.6 Key Developments
- 13.5 Champlain Cable Corp
  - 13.5.1 Key Facts
  - 13.5.2 Business Description
  - 13.5.3 Products and Services
  - 13.5.4 Financial Overview
  - 13.5.5 SWOT Analysis
  - 13.5.6 Key Developments
- 13.6 Sumitomo Electric Industries Ltd
  - 13.6.1 Key Facts
  - 13.6.2 Business Description
  - 13.6.3 Products and Services
  - 13.6.4 Financial Overview
  - 13.6.5 SWOT Analysis
  - 13.6.6 Key Developments
- 13.7 Shanghai KMCable Group Co Ltd
  - 13.7.1 Key Facts
  - 13.7.2 Business Description
  - 13.7.3 Products and Services
  - 13.7.4 Financial Overview
  - 13.7.5 SWOT Analysis
  - 13.7.6 Key Developments
- 13.8 Gebauer & Griller Kabelwerke GesmbH
  - 13.8.1 Key Facts
  - 13.8.2 Business Description
  - 13.8.3 Products and Services
  - 13.8.4 Financial Overview
  - 13.8.5 SWOT Analysis
  - 13.8.6 Key Developments

## **14. APPENDIX**

14.1 About The Insight Partners

14.2 Word Index



## I would like to order

Product name: North America Automotive High Voltage Cable Market Forecast to 2030 – Regional Analysis – by Vehicle Type [(Battery Electric Vehicles (BEV), Plugin Hybrid Electric Vehicles (PHEV), Plugin Hybrid Vehicles (PHV)], Conductor Type (Copper and Aluminum), and Core Type (Multi Core and Single Core)

Product link: <https://marketpublishers.com/r/N31A5DD12E85EN.html>

Price: US\$ 3,550.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N31A5DD12E85EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970