

Global Automotive Integrated Antenna System Market 2023-2029

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Abstracts

The global automotive integrated antenna system market was estimated at USD 1,002.0 million in 2022 and is expected to hit USD 1,985.0 million by 2029, registering a CAGR of 10.32% from 2023 to 2029 as per the latest market estimates. One of the key benefits of an integrated antenna system is improved RF performance. By combining multiple antennas into a single system, the system can provide better reception and coverage for each antenna. This can improve the quality of GPS signals, reduce signal interference, and provide better sound quality for radio and satellite radio. The integrated antenna system also reduces the complexity of the vehicle's antenna system by eliminating the need for multiple antennas and associated wiring. This can simplify the installation process and reduce costs. One of the key benefits of an integrated antenna system is improved RF performance. By combining multiple antennas into a single system, the system can provide better reception and coverage for each antenna. This can improve the quality of GPS signals, reduce signal interference, and provide better sound quality for radio and satellite radio. The integrated antenna system also reduces the complexity of the vehicle's antenna system by eliminating the need for multiple antennas and associated wiring. This can simplify the installation process and reduce costs.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global automotive integrated antenna system market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed

by a detailed analysis of the type, component, antenna design, connectivity, frequency, vehicle type, and region. The global market for automotive integrated antenna system can be segmented by type: non-planer antenna, planer antenna. Globally, the planer antenna segment made up the largest share of the automotive integrated antenna system market. Automotive integrated antenna system market is further segmented by component: telematics control unit (TCU), antennas, cables, data connectors. The telematics control unit (TCU) segment captured the largest share of the market in 2022. Based on antenna design, the automotive integrated antenna system market is segmented into: shark-fin antenna (without TCU), antenna farm (without TCU), antenna farm with TCU, TCU box with integrated antenna, antenna farm with slim TCU. According to the research, the shark-fin antenna (without TCU) segment had the largest share in the global automotive integrated antenna system market. On the basis of connectivity, the automotive integrated antenna system market also can be divided into: GNSS/GPS, WiFi-Bluetooth, cellular, Others. The WiFi-Bluetooth segment held the largest revenue share in 2022. Automotive integrated antenna system market by frequency is categorized into: high frequency, very high frequency, ultra-high frequency. The automotive integrated antenna system market by vehicle type can be segmented into: passenger cars, commercial vehicle. Based on region, the automotive integrated antenna system market is further categorized into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America.

Market Segmentation

By type: non-planer antenna, planer antenna

By component: telematics control unit (TCU), antennas, cables, data connectors

By antenna design: shark-fin antenna (without TCU), antenna farm (without TCU), antenna farm with TCU, TCU box with integrated antenna, antenna farm with slim TCU

By connectivity: GNSS/GPS, WiFi-Bluetooth, cellular, Others

By frequency: high frequency, very high frequency, ultra-high frequency

By vehicle type: passenger cars, commercial vehicle

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The report also provides a detailed analysis of several leading automotive integrated antenna system market vendors that include TE Connectivity Limited, Continental AG, Ficosa International S.A., Laird Connectivity UK Ltd., Harada Industry Co., Ltd., Hella GmbH & Co. KGaA, Mistral Solutions Pvt. Ltd., ACE Technologies Corporation, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global automotive integrated antenna system market.

To classify and forecast the global automotive integrated antenna system market based on type, component, antenna design, connectivity, frequency, vehicle type, region.

To identify drivers and challenges for the global automotive integrated antenna system market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global automotive integrated antenna system market.

To identify and analyze the profile of leading players operating in the global automotive integrated antenna system market.

Why Choose This Report

Gain a reliable outlook of the global automotive integrated antenna system market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Asia-Pacific

MEA (Middle East and Africa)

Latin America

PART 12. KEY COMPANIES

TE Connectivity Limited

Continental AG

Ficosa International S.A.

Laird Connectivity UK Ltd.

Harada Industry Co., Ltd.

Hella GmbH & Co. KGaA

Mistral Solutions Pvt. Ltd.

ACE Technologies Corporation

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