

Military Antenna Market By Platform (Airborne, Marine, Ground), By Application (Communication, Surveillance, SATCOM, Electronic Warfare, Telemetry), By Frequency (High Frequency, Ultra High Frequency, Super High Frequency, Extremely High Frequency), By End-Use (OEM, Aftermarket): Global Opportunity Analysis and Industry Forecast, 2021-2031

Market Report | 2022-10-01 | 316 pages | Allied Market Research

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Report description:

The report incorporates the study of the global military antenna market, which has experienced significant growth due to increasing demand for antennas with long-range capabilities for defense applications. A military antenna is a component of communication devices used in military aircraft, naval vessels, unmanned aerial aircraft, and armored vehicles, among others, that converts radio frequency fields into alternating currents with the help of a transducer and vice-versa. Antenna type & size can vary depending on the antenna's frequency and the system in which the antenna is installed. Military antennas are used with various military systems for applications such as tracking, enemy aircraft warning, incoming missile warning, electronic warfare, and ground mapping & surveillance.

The factors such as the integration of military SATCOM in military communication, increasing use of electronically steered phased array antennas, and increase in demand for land-based communication systems supplement the growth of the military antenna market. However, limited bandwidth for communications and high costs associated with the development and maintenance of infrastructure are the factors expected to hamper the growth of the military antenna market. In addition, the replacement of conventional equipment with technologically advanced equipment and the rise in government expenditure for military applications creates market opportunities for the key players operating in the military antenna market.

For the purpose of analysis, the global military antenna market is segmented on the basis of platform, application, frequency, end-use, and region. By platform, the market is divided into airborne, marine, and ground. By application, it is fragmented into communication, surveillance, SATCOM, electronic warfare, and telemetry. By frequency, it is categorized into high frequency,

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ultra-high frequency, super high frequency, and extremely high frequency. By end-use, it is further classified into OEM and aftermarket. By region, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The leading players operating in the military antenna market are Alaris Holdings, Amphenol Corporation, Antcom, Antenna Products Corporation, AVL Technologies, Inc., Barker & Williamson, Cobham Aerospace Communications, Comrod Communication AS., Eylex Pty Ltd., Hascall-Denke, L3Harris Technologies, Inc., Lockheed Martin Corporation, M.T.I Wireless Edge Ltd., Mobile Mark, Inc., Raytheon Technologies Corporation, Rohde & Schwarz, and Southwest Antennas.

Key Benefits For Stakeholders

- This study presents an analytical depiction of the global military antenna market analysis along with current trends and future estimations to depict imminent investment pockets.
- The overall military antenna market opportunity is determined by understanding profitable trends to gain a stronger foothold.
- The report presents information related to the key drivers, restraints, and opportunities of the global military antenna market with detailed impact analysis.
- The current military antenna market is quantitatively analyzed from 2022 to 2031 to benchmark financial competency.
- Porter's five forces analysis illustrates the potency of the buyers and suppliers in the industry.

Key Market Segments

By Platform

- Airborne
- Marine
- Ground

By Application

- Communication
- Surveillance
- SATCOM
- Electronic Warfare
- Telemetry

By Frequency

- High Frequency
- Ultra High Frequency
- Super High Frequency
- Extremely High Frequency

By End-Use

- OEM
- Aftermarket

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- UK
- Germany
- France
- Italy
- Russia
- Rest Of Europe
- Asia-Pacific
- China

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- Japan
- India
- South Korea
- Australia
- Rest Of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- Alaris Holdings Limited
- Amphenol Corporation
- Antcom Corporation
- Antenna Products Corporation
- AvL Technologies, Inc.
- Barker & Williamson
- Cobham plc
- Comrod Communications
- Eylex Pty Ltd.
- Hascall-Denke
- L3 Harris
- Lockheed Martin Corporation
- Mobile Mark Inc.
- MTI Wireless Edge
- Raytheon Company
- Rohde & Schwarz GmbH
- Southwest Antennas Inc.

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