

# **Global Satellite Antenna Market Size study & Forecast, by Frequency Band (C Band, K/KU/KA Band, S And L Band, X Band, VHF And UHF Band, Other Frequency Bands), by Antenna Type (Flat Panel Antenna, Parabolic Reflector Antenna, Horn Antenna, Other Antenna Types), by Application (Space, Land, Maritime, Airborne) and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Satellite Antenna Market is valued at approximately USD 3.51 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 10.94% over the forecast period 2023-2030. A satellite antenna, also known as a satellite dish or parabolic antenna, is a type of antenna designed to receive and transmit signals from and to communication satellites in space. It is a key component in satellite communication systems and is used for various purposes, such as television and radio broadcasting, internet connectivity, weather monitoring, and military communications. The satellite antenna consists of a curved parabolic reflector, which is typically made of metal or fiberglass. The shape of the reflector is carefully designed to focus incoming signals onto a smaller antenna element called the feed horn or feed element. The Satellite Antenna market is expanding because of factors such as increasing space exploration projects and increasing adoption of small satellites.

The Rising number of satellites launched, and space exploration activities are driving the market growth. Space launches are witnessing tremendous growth the exponential rise in demand for network, communication, and network-based services on a global scale. In April 2022, NASA and private firms reached a USD 280 million agreement to develop near-Earth space communication services. The space agency also announced the launch of four more missions this year, the orbiting of 24 Earth scientific projects,

and the launch of four more missions in 2022. In June 2022, the United Launch Alliance and SpaceX signed a USD 846 million agreement with the U.S. Space Force for missions that would launch over the next two years. ULA received 60% of the National Security Space Launch (NSSL) missions that are slated to launch over the following five years until 2027, while SpaceX received 40%. Thus, the expansion of space launch operations globally is promoting market growth. In addition, the Development of ultra-compact satellite antennas for advanced ground combat vehicles and the Integration of satellite antennas in automobiles are creating a lucrative opportunities for market growth. However, the high cost of satellite antenna stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Satellite Antenna Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to factors such as rising investment for research and development activities, rising number of satellite development activities and space programs, and government support to the space industry. Whereas, Asia Pacific is expected to grow significantly owing to factors such as rising space exploration activities, and rising spending on space budgets in the region.

Major market player included in this report are:

Honeywell International Inc.

General Dynamics Corporation

Kymeta Corporation

Norsat International Inc.

Cobham Limited

Mitsubishi Electric Corporation

L3Harris Technologies, Inc.

Viasat, Inc.

Airbus SAS

## Maxar Technologies

### Recent Developments in the Market:

In March 2023, Amazon revealed a trio of satellite antennas as it prepares to take on SpaceX's Starlink with its own Project Kuiper internet network. The tech giant would provide standard, ultra-compact, and professional versions of its antennas with rates ranging from approximately 100 megabits per second to as much as 1 gigabit per second. These would result in providing new technologies and positive impact on market growth.

### Global Satellite Antenna Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Frequency Band, Antenna Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving

factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Frequency Band:

C Band

K/KU/KA Band

S And L Band

X Band

VHF And UHF Band

Other Frequency Bands

By Antenna Type:

Flat Panel Antenna

Parabolic Reflector Antenna

Horn Antenna

Fiberglass Reinforced Plastic Antenna

Iron Antenna with Mold Stamping

Other Antenna Types

By Application:

Space

Land

Maritime

Airborne

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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