

# **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

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  - 1.2.1. Satellite Antenna Market, by Region, 2020-2030 (USD Billion)
  - 1.2.2. Satellite Antenna Market, by Frequency Band, 2020-2030 (USD Billion)
  - 1.2.3. Satellite Antenna Market, by Antenna Type, 2020-2030 (USD Billion)
  - 1.2.4. Satellite Antenna Market, by Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL SATELLITE ANTENNA MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Industry Evolution
  - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL SATELLITE ANTENNA MARKET DYNAMICS**

- 3.1. Satellite Antenna Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing space exploration projects
    - 3.1.1.2. Increasing adoption of small satellites.
    - 3.1.1.3. Growth in government space budget
  - 3.1.2. Market Challenges
    - 3.1.2.1. High Cost of Satellite Antenna
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Development of ultra-compact satellite antennas for advanced ground combat vehicles
    - 3.1.3.2. Integration of satellite antennas in automobiles

### **CHAPTER 4. GLOBAL SATELLITE ANTENNA MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL SATELLITE ANTENNA MARKET, BY FREQUENCY BAND**

- 5.1. Market Snapshot
- 5.2. Global Satellite Antenna Market by Frequency Band, Performance - Potential Analysis
- 5.3. Global Satellite Antenna Market Estimates & Forecasts by Frequency Band 2020-2030 (USD Billion)
- 5.4. Satellite Antenna Market, Sub Segment Analysis
  - 5.4.1. C Band
  - 5.4.2. K/KU/KA Band
  - 5.4.3. S And L Band
  - 5.4.4. X Band
  - 5.4.5. VHF And UHF Band
  - 5.4.6. Other Frequency Bands

## **CHAPTER 6. GLOBAL SATELLITE ANTENNA MARKET, BY ANTENNA TYPE**

- 6.1. Market Snapshot



- 6.2. Global Satellite Antenna Market by Antenna Type, Performance - Potential Analysis
- 6.3. Global Satellite Antenna Market Estimates & Forecasts by Antenna Type 2020-2030 (USD Billion)
- 6.4. Satellite Antenna Market, Sub Segment Analysis
  - 6.4.1. Flat Panel Antenna
  - 6.4.2. Parabolic Reflector Antenna
  - 6.4.3. Horn Antenna
  - 6.4.4. Fiberglass, Reinforced Plastic Antenna
  - 6.4.5. Iron Antenna with Mold Stamping
  - 6.4.6. Other Antenna Types

## **CHAPTER 7. GLOBAL SATELLITE ANTENNA MARKET, BY APPLICATION**

- 7.1. Market Snapshot
- 7.2. Global Satellite Antenna Market by Application, Performance - Potential Analysis
- 7.3. Global Satellite Antenna Market Estimates & Forecasts by Application 2020-2030 (USD Billion)
- 7.4. Satellite Antenna Market, Sub Segment Analysis
  - 7.4.1. Space
  - 7.4.2. Land
  - 7.4.3. Maritime
  - 7.4.4. Airborne

## **CHAPTER 8. GLOBAL SATELLITE ANTENNA MARKET, REGIONAL ANALYSIS**

- 8.1. Top Leading Countries
- 8.2. Top Emerging Countries
- 8.3. Satellite Antenna Market, Regional Market Snapshot
- 8.4. North America Satellite Antenna Market
  - 8.4.1. U.S. Satellite Antenna Market
    - 8.4.1.1. Frequency Band breakdown estimates & forecasts, 2020-2030
    - 8.4.1.2. Antenna Type breakdown estimates & forecasts, 2020-2030
    - 8.4.1.3. Application breakdown estimates & forecasts, 2020-2030
  - 8.4.2. Canada Satellite Antenna Market
- 8.5. Europe Satellite Antenna Market Snapshot
  - 8.5.1. U.K. Satellite Antenna Market
  - 8.5.2. Germany Satellite Antenna Market
  - 8.5.3. France Satellite Antenna Market
  - 8.5.4. Spain Satellite Antenna Market

- 8.5.5. Italy Satellite Antenna Market
- 8.5.6. Rest of Europe Satellite Antenna Market
- 8.6. Asia-Pacific Satellite Antenna Market Snapshot
  - 8.6.1. China Satellite Antenna Market
  - 8.6.2. India Satellite Antenna Market
  - 8.6.3. Japan Satellite Antenna Market
  - 8.6.4. Australia Satellite Antenna Market
  - 8.6.5. South Korea Satellite Antenna Market
  - 8.6.6. Rest of Asia Pacific Satellite Antenna Market
- 8.7. Latin America Satellite Antenna Market Snapshot
  - 8.7.1. Brazil Satellite Antenna Market
  - 8.7.2. Mexico Satellite Antenna Market
- 8.8. Middle East & Africa Satellite Antenna Market
  - 8.8.1. Saudi Arabia Satellite Antenna Market
  - 8.8.2. South Africa Satellite Antenna Market
  - 8.8.3. Rest of Middle East & Africa Satellite Antenna Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Key Company SWOT Analysis
  - 9.1.1. Company
  - 9.1.2. Company
  - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
  - 9.3.1. Honeywell International Inc.
    - 9.3.1.1. Key Information
    - 9.3.1.2. Overview
    - 9.3.1.3. Financial (Subject to Data Availability)
    - 9.3.1.4. Product Summary
    - 9.3.1.5. Recent Developments
  - 9.3.2. General Dynamics Corporation
  - 9.3.3. Kymeta Corporation
  - 9.3.4. Norsat International Inc.
  - 9.3.5. Cobham Limited
  - 9.3.6. Mitsubishi Electric Corporation
  - 9.3.7. L3Harris Technologies, Inc.
  - 9.3.8. Viasat, Inc.
  - 9.3.9. Airbus SAS

9.3.10. Maxar Technologies

## **CHAPTER 10. RESEARCH PROCESS**

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Satellite Antenna Market, report scope

TABLE 2. Global Satellite Antenna Market estimates & forecasts by Region 2020-2030 (USD Billion)

TABLE 3. Global Satellite Antenna Market estimates & forecasts by Frequency Band 2020-2030 (USD Billion)

TABLE 4. Global Satellite Antenna Market estimates & forecasts by Antenna Type 2020-2030 (USD Billion)

TABLE 5. Global Satellite Antenna Market estimates & forecasts by Application 2020-2030 (USD Billion)

TABLE 6. Global Satellite Antenna Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global Satellite Antenna Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Satellite Antenna Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Satellite Antenna Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Satellite Antenna Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Satellite Antenna Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Satellite Antenna Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Satellite Antenna Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global Satellite Antenna Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. Global Satellite Antenna Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. U.S. Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 17. U.S. Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18. U.S. Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. Canada Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 20. Canada Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. Canada Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. UK Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 23. UK Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. UK Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. Germany Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 26. Germany Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. Germany Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. France Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 29. France Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. France Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. Italy Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 32. Italy Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Italy Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. Spain Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 35. Spain Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. Spain Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. RoE Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 38. RoE Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 39. RoE Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 40. China Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41. China Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. China Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43. India Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44. India Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. India Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46. Japan Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47. Japan Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. Japan Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49. South Korea Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50. South Korea Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. South Korea Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. Australia Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53. Australia Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. Australia Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. RoAPAC Satellite Antenna Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56. RoAPAC Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. RoAPAC Satellite Antenna Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. Brazil Satellite Antenna Market estimates & forecasts, 2020-2030 (USD

Billion)

TABLE 59. Brazil Satellite Antenna Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 60. Brazil Satellite Antenna Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 61. Mexico Satellite Antenna Market estimates & forecasts, 2020-2030 (USD  
Billion)

TABLE 62. Mexico Satellite Antenna Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 63. Mexico Satellite Antenna Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 64. RoLA Satellite Antenna Market estimates & forecasts, 2020-2030 (USD  
Billion)

TABLE 65. RoLA Satellite Antenna Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 66. RoLA Satellite Antenna Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 67. Saudi Arabia Satellite Antenna Market estimates & forecasts, 2020-2030  
(USD Billion)

TABLE 68. South Africa Satellite Antenna Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 69. RoMEA Satellite Antenna Market estimates & forecasts by segment  
2020-2030 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Satellite Antenna  
Market

TABLE 71. List of primary sources, used in the study of global Satellite Antenna Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final  
deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Satellite Antenna Market, research methodology
  - FIG 2. Global Satellite Antenna Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Satellite Antenna Market, key trends 2022
  - FIG 5. Global Satellite Antenna Market, growth prospects 2023-2030
  - FIG 6. Global Satellite Antenna Market, porters 5 force model
  - FIG 7. Global Satellite Antenna Market, pest analysis
  - FIG 8. Global Satellite Antenna Market, value chain analysis
  - FIG 9. Global Satellite Antenna Market by segment, 2020 & 2030 (USD Billion)
  - FIG 10. Global Satellite Antenna Market by segment, 2020 & 2030 (USD Billion)
  - FIG 11. Global Satellite Antenna Market by segment, 2020 & 2030 (USD Billion)
  - FIG 12. Global Satellite Antenna Market by segment, 2020 & 2030 (USD Billion)
  - FIG 13. Global Satellite Antenna Market by segment, 2020 & 2030 (USD Billion)
  - FIG 14. Global Satellite Antenna Market, regional snapshot 2020 & 2030
  - FIG 15. North America Satellite Antenna Market 2020 & 2030 (USD Billion)
  - FIG 16. Europe Satellite Antenna Market 2020 & 2030 (USD Billion)
  - FIG 17. Asia pacific Satellite Antenna Market 2020 & 2030 (USD Billion)
  - FIG 18. Latin America Satellite Antenna Market 2020 & 2030 (USD Billion)
  - FIG 19. Middle East & Africa Satellite Antenna Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable



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