

# **Global Defense Integrated Antenna Market Size Study, ByType (Aperture Antenna, Array Antenna, Microstrip Antenna, Wire Antenna), By Platform (Ground,Combat Vehicles, Base Station, Unmanned Ground Vehicle (UGV), Airborne, Fighter Aircraft,Others), By Application (Navigation &Surveillance, Communication, Telemetry), By Frequency (HF/VHF/UHF-Band, L-Band, S-Band, C-Band, X-Band, Ka-Band, Ku-Band, Multi-Band) And Regional Forecasts 2022-2028**

<https://marketpublishers.com/r/G1D1B13D50F8EN.html>

Date: May 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G1D1B13D50F8EN

## **Abstracts**

Global Defense Integrated Antenna Market is valued approximately XX in 2021 and is anticipated to grow with a healthy growth rate of more than xx% over the forecast period 2022-2028. An integrated antenna comprises of miniature antennas printed on densely packed printed circuit boards (PCB) to create huge arrays of reflector antennas that transform electronic signals to electromagnetic waves (and vice versa) with little loss. To endure extreme circumstances, defence integrated antennas are more ruggedized than conventional commercial antennas. Because of the increased need for compact/integrated antennas, the defence integrated antenna market is likely to rise considerably in the future years. Furthermore, to remain competitive in the market, market players are significantly contributing to market growth through the implementation of various strategies such as mergers and acquisitions, partnerships, collaborations, and regional expansion. For example, in May 2020, Airbus was awarded the new satellite communications framework contract for the European Union and its member states' military and civil operations. The contract called for the company to

create advanced satellite communication systems (in the C, Ku, Ka, and L frequency bands), as well as sell and rent terminals (Antenna). One of the primary barriers to market expansion is the high cost of developing and maintaining earth station infrastructure. However, the development of small-sized antennas at low cost provides profitable growth prospects for players in the defence integrated antenna market. The key regions considered for the global Defense Integrated Antenna Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America holds the dominating position for the adoption and growth of new technologies owing to favorable government spending capabilities in defense. Whereas, Asia Pacific is expected to have the fastest growth rate in the defence integrated antenna market. The market will be driven by insecurity across all border areas and adjacent nations, improved domestic aerospace capabilities, and a focus on boosting UAV combat capabilities through antenna integration. South Korea, for example, created a new domestic antenna for stealth aircraft in November 2021, which will assist lower the likelihood of detection by adversary radar systems. The Agency for Defense Development (ADD) collaborated with Hanwha Systems Co. to design this antenna.

Major market player included in this report are:

L3Harris Technologies

Airbus

General Dynamics

Maxar Technologies

Honeywell International Inc.

Rohde & schwarz

Terma

Rami

Mitsubishi electric corporation

Maxar technologies

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Platform offerings of key players. The detailed segments and sub-segment of the market are explained below:

ByType:

Aperture Antenna  
Array Antenna  
Microstrip Antenna  
Wire Antenna

By Platform:

Ground  
Combat Vehicles  
Base Station  
Unmanned Ground Vehicle (UGV)  
Airborne  
Fighter Aircraft Others

By Application:

Navigation & Surveillance  
Communication  
Telemetry

By Frequency:

HF/VHF/UHF-Band  
L-Band  
S-Band  
C-Band  
X-Band  
Ka-Band  
Ku-Band  
Multi-Band

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  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020  
Base year – 2021  
Forecast period – 2022 to 2028

Target Audience of the Global Defense Integrated Antenna Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
  - 1.2.1. Defense Integrated Antenna Market, by Region, 2020-2028 (USD Billion)
  - 1.2.2. Defense Integrated Antenna Market, by Type ,2020-2028 (USD Billion)
  - 1.2.3. Defense Integrated Antenna Market, by Platform ,2020-2028 (USD Billion)
  - 1.2.4. Defense Integrated Antenna Market, by Application ,2020-2028 (USD Billion)
  - 1.2.5. Defense Integrated Antenna Market, by Frequency ,2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL DEFENSE INTEGRATED ANTENNA MARKET DEFINITION AND SCOPE

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

### CHAPTER 3. GLOBAL DEFENSE INTEGRATED ANTENNA MARKET DYNAMICS

- 3.1. Defense Integrated Antenna Market Impact Analysis (2020-2028)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Rise in airspace modernization programs
    - 3.1.1.2. Surging demand for military UAVs
  - 3.1.2. Market Challenges
    - 3.1.2.1. Long duration of product certification
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Development of low-cost and miniaturized antenna
    - 3.1.3.2. Demand for high data rate transmission

### CHAPTER 4. GLOBAL DEFENSE INTEGRATED 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

4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2028)

#### 4.2. PEST Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

#### 4.3. Investment Adoption Model

#### 4.4. Analyst Recommendation & Conclusion

#### 4.5. Top investment opportunity

#### 4.6. Top winning strategies

### **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

5.1.1. Assessment of the overall impact of COVID-19 on the industry

5.1.2. Pre COVID-19 and post COVID-19 Market scenario

### **CHAPTER 6. GLOBAL DEFENSE INTEGRATED ANTENNA MARKET, BY TYPE**

#### 6.1. Market Snapshot

#### 6.2. Global Defense Integrated Antenna Market by Type , Performance - Potential Analysis

#### 6.3. Global Defense Integrated Antenna Market Estimates & Forecasts by Type 2018-2028 (USD Billion)

#### 6.4. Defense Integrated Antenna Market, Sub Segment Analysis

6.4.1. Aperture Antenna

6.4.2. Array Antenna

6.4.3. Microstrip Antenna

6.4.4. Wire Antenna

### **CHAPTER 7. GLOBAL DEFENSE INTEGRATED ANTENNA MARKET, BY PLATFORM**

- 7.1. Market Snapshot
- 7.2. Global Defense Integrated Antenna Market by Platform , Performance - Potential Analysis
- 7.3. Global Defense Integrated Antenna Market Estimates & Forecasts by Platform 2018-2028 (USD Billion)
- 7.4. Defense Integrated Antenna Market, Sub Segment Analysis
  - 7.4.1. Ground
  - 7.4.2. Combat Vehicles
  - 7.4.3. Base station
  - 7.4.4. Unmanned ground vehicle (UGV)
  - 7.4.5. Airborne
  - 7.4.6. Fighter Aircraft Others

## **CHAPTER 8. GLOBAL DEFENSE INTEGRATED ANTENNA MARKET, BY APPLICATION**

- 8.1. Market Snapshot
- 8.2. Global Defense Integrated Antenna Market by Application , Performance - Potential Analysis
- 8.3. Global Defense Integrated Antenna Market Estimates & Forecasts by Application 2018-2028 (USD Billion)
- 8.4. Defense Integrated Antenna Market, Sub Segment Analysis
  - 8.4.1. Navigation & Surveillance
  - 8.4.2. Communication
  - 8.4.3. Telemetry

## **CHAPTER 9. GLOBAL DEFENSE INTEGRATED ANTENNA MARKET, BY FREQUENCY**

- 9.1. Market Snapshot
- 9.2. Global Defense Integrated Antenna Market by Frequency , Performance - Potential Analysis
- 9.3. Global Defense Integrated Antenna Market Estimates & Forecasts by Frequency 2018-2028 (USD Billion)
- 9.4. Defense Integrated Antenna Market, Sub Segment Analysis
  - 9.4.1. HF/VHF/UHF-Band
  - 9.4.2. L-Band
  - 9.4.3. S-Band
  - 9.4.4. C-Band

- 9.4.5. X-Band
- 9.4.6. Ka-Band
- 9.4.7. Ku-Band
- 9.4.8. Multi-Band

## **CHAPTER 10. GLOBAL DEFENSE INTEGRATED ANTENNA MARKET, REGIONAL ANALYSIS**

- 10.1. Defense Integrated Antenna Market, Regional Market Snapshot
- 10.2. North America Defense Integrated Antenna Market
  - 10.2.1. U.S.Defense Integrated Antenna Market
    - 10.2.1.1. Type breakdown estimates & forecasts, 2018-2028
    - 10.2.1.2. Platform breakdown estimates & forecasts, 2018-2028
    - 10.2.1.3. Application breakdown estimates & forecasts, 2018-2028
    - 10.2.1.4. Frequency breakdown estimates & forecasts, 2018-2028
  - 10.2.2. CanadaDefense Integrated Antenna Market
- 10.3. Europe Defense Integrated Antenna Market Snapshot
  - 10.3.1. U.K. Defense Integrated Antenna Market
  - 10.3.2. Germany Defense Integrated Antenna Market
  - 10.3.3. France Defense Integrated Antenna Market
  - 10.3.4. Spain Defense Integrated Antenna Market
  - 10.3.5. Italy Defense Integrated Antenna Market
  - 10.3.6. Rest of EuropeDefense Integrated Antenna Market
- 10.4. Asia-PacificDefense Integrated Antenna Market Snapshot
  - 10.4.1. China Defense Integrated Antenna Market
  - 10.4.2. India Defense Integrated Antenna Market
  - 10.4.3. JapanDefense Integrated Antenna Market
  - 10.4.4. Australia Defense Integrated Antenna Market
  - 10.4.5. South Korea Defense Integrated Antenna Market
  - 10.4.6. Rest of Asia PacificDefense Integrated Antenna Market
- 10.5. Latin America Defense Integrated Antenna Market Snapshot
  - 10.5.1. Brazil Defense Integrated Antenna Market
  - 10.5.2. Mexico Defense Integrated Antenna Market
- 10.6. Rest of The World Defense Integrated Antenna Market

## **CHAPTER 11. COMPETITIVE INTELLIGENCE**

- 11.1. Top Market Strategies
- 11.2. Company Profiles



- 11.2.1. L3Harris Technologies
  - 11.2.1.1. Key Information
  - 11.2.1.2. Overview
  - 11.2.1.3. Financial (Subject to Data Availability)
  - 11.2.1.4. Platform Summary
  - 11.2.1.5. Recent Developments
- 11.2.2. Airbus
- 11.2.3. General Dynamics
- 11.2.4. Maxar Technologies
- 11.2.5. Honeywell International Inc.
- 11.2.6. Rohde & schwarz
- 11.2.7. Terma
- 11.2.8. Rami
- 11.2.9. Mitsubishi electric corporation
- 11.2.10. Maxar technologies

## **CHAPTER 12. RESEARCH PROCESS**

- 12.1. Research Process
  - 12.1.1. Data Mining
  - 12.1.2. Analysis
  - 12.1.3. Market Estimation
  - 12.1.4. Validation
  - 12.1.5. Publishing
- 12.2. Research Attributes
- 12.3. Research Assumption

## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Defense Integrated Antenna Market, report scope
- TABLE 2. Global Defense Integrated Antenna Market estimates & forecasts by Region 2018-2028 (USDBillion)
- TABLE 3. Global Defense Integrated Antenna Market estimates & forecasts byType 2018-2028 (USDBillion)
- TABLE 4. Global Defense Integrated Antenna Market estimates & forecasts byPlatform 2018-2028 (USDBillion)
- TABLE 5. Global Defense Integrated Antenna Market estimates & forecasts byApplication 2018-2028 (USDBillion)
- TABLE 6. Global Defense Integrated Antenna Market estimates & forecasts byFrequency 2018-2028 (USDBillion)
- TABLE 7. Global Defense Integrated Antenna Market by segment, estimates & forecasts, 2018-2028 (USDBillion)
- TABLE 8. Global Defense Integrated Antenna Market by region, estimates & forecasts, 2018-2028 (USDBillion)
- TABLE 9. Global Defense Integrated Antenna Market by segment, estimates & forecasts, 2018-2028 (USDBillion)
- TABLE 10. Global Defense Integrated Antenna Market by region, estimates & forecasts, 2018-2028 (USDBillion)
- TABLE 11. Global Defense Integrated Antenna Market by segment, estimates & forecasts, 2018-2028 (USDBillion)
- TABLE 12. Global Defense Integrated Antenna Market by region, estimates & forecasts, 2018-2028 (USDBillion)
- TABLE 13. Global Defense Integrated Antenna Market by segment, estimates & forecasts, 2018-2028 (USDBillion)
- TABLE 14. Global Defense Integrated Antenna Market by region, estimates & forecasts, 2018-2028 (USDBillion)
- TABLE 15. Global Defense Integrated Antenna Market by segment, estimates & forecasts, 2018-2028 (USDBillion)
- TABLE 16. Global Defense Integrated Antenna Market by region, estimates & forecasts, 2018-2028 (USDBillion)
- TABLE 17. U.S. Defense Integrated Antenna Market estimates & forecasts, 2018-2028 (USDBillion)
- TABLE 18. U.S. Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 19. U.S. Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 20. Canada Defense Integrated Antenna Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 21. Canada Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 22. Canada Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 23. UK Defense Integrated Antenna Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 24. UKDefense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 25. UKDefense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 26. Germany Defense Integrated Antenna Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 27. Germany Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 28. Germany Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 29. RoEDefense Integrated Antenna Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 30. RoEDefense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 31. RoEDefense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 32. China Defense Integrated Antenna Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 33. China Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 34. China Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 35. India Defense Integrated Antenna Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 36. India Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 37. India Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 38. Japan Defense Integrated Antenna Market estimates & forecasts,

2018-2028 (USDBillion)

TABLE 39. Japan Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 40. Japan Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 41. RoAPAC Defense Integrated Antenna Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 42. RoAPAC Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 43. RoAPAC Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 44. Brazil Defense Integrated Antenna Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 45. Brazil Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 46. Brazil Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 47. Mexico Defense Integrated Antenna Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 48. Mexico Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 49. Mexico Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 50. RoLADefense Integrated Antenna Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 51. RoLADefense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 52. RoLADefense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 53. Row Defense Integrated Antenna Market estimates & forecasts, 2018-2028 (USDBillion)

TABLE 54. Row Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 55. Row Defense Integrated Antenna Market estimates & forecasts by segment 2018-2028 (USDBillion)

TABLE 56. List of secondary sources, used in the study of global Defense Integrated Antenna Market

TABLE 57. List of primary sources, used in the study of global Defense Integrated Antenna Market

TABLE 58. Years considered for the study

TABLE 59. Exchange rates considered

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Defense Integrated Antenna Market, research methodology
- FIG 2. Global Defense Integrated Antenna Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Defense Integrated Antenna Market, key trends 2021
- FIG 5. Global Defense Integrated Antenna Market, growth prospects 2022-2028
- FIG 6. Global Defense Integrated Antenna Market, porters 5 force model
- FIG 7. Global Defense Integrated Antenna Market, pest analysis
- FIG 8. Global Defense Integrated Antenna Market, value chain analysis
- FIG 9. Global Defense Integrated Antenna Market by segment, 2018 & 2028 (USDBillion)
- FIG 10. Global Defense Integrated Antenna Market by segment, 2018 & 2028 (USDBillion)
- FIG 11. Global Defense Integrated Antenna Market by segment, 2018 & 2028 (USDBillion)
- FIG 12. Global Defense Integrated Antenna Market by segment, 2018 & 2028 (USDBillion)
- FIG 13. Global Defense Integrated Antenna Market by segment, 2018 & 2028 (USDBillion)
- FIG 14. Global Defense Integrated Antenna Market, regional snapshot 2018 & 2028
- FIG 15. North America Defense Integrated Antenna Market2018 & 2028 (USDBillion)
- FIG 16. Europe Defense Integrated Antenna Market2018 & 2028 (USDBillion)
- FIG 17. Asia pacific Defense Integrated Antenna Market2018 & 2028 (USDBillion)
- FIG 18. Latin America Defense Integrated Antenna Market2018 & 2028 (USDBillion)
- FIG 19. Global Defense Integrated Antenna Market, company Market share analysis (2021)



## I would like to order

Product name: Global Defense Integrated Antenna Market Size Study, ByType (Aperture Antenna, Array Antenna, Microstrip Antenna, Wire Antenna), By Platform (Ground, Combat Vehicles, Base Station, Unmanned Ground Vehicle (UGV), Airborne, Fighter Aircraft, Others), By Application (Navigation & Surveillance, Communication, Telemetry), By Frequency (HF/VHF/UHF-Band, L-Band, S-Band, C-Band, X-Band, Ka-Band, Ku-Band, Multi-Band) And Regional Forecasts 2022-2028

Product link: <https://marketpublishers.com/r/G1D1B13D50F8EN.html>

Price: US\$ 4,950.00 (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/G1D1B13D50F8EN.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