

Global Radome Market Size study, by Platform(Ground, Airborne, Naval), Application(Radar, Sonar, Communication Antenna), Frequency(HF/UHF/VHF-Band, L- Band, S-Band, C-Band, X- Band, KU- Band, KA- Band, Multi-Band), Offering (Product, and Services) and Regional Forecasts 2021-2027

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Abstracts

Global Radome Market is valued approximately USD 1.5 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 15 % over the forecast period 2021-2027. A radome (a combination of the words radar and dome) is a weatherproof, structural enclosure that shelters a radar antenna. The radome is made of a material that very slightly attenuates the electromagnetic signal broadcast or received by the antenna, making it effectively radio-transparent. The radome market is expanding rapidly over the world, and this trend is projected to continue during the forecast period. The market is growing due to advancements in composite materials technology for radome structures, a focus on the development of tiny radomes for UAV platforms, demand for technologically improved radome systems for next-generation aircraft, and the use of radomes in warfare. For instance, Meggitt PLC, one of the leading companies specializing in high-performance components and subsystems for aerospace and defence, was awarded a USD 5.6 million contract by BAE Systems plc in November 2020 to supply innovative nose radome technology for the Typhoon's pioneering Multi-Function Array radar system. Furthermore, strict government rules and regulations will limit the market in forecasting years. Whereas, expansion of aircraft manufacturers in Asia Pacific and north America offers opportunities for market growth in projection period.

The main regions of Asia Pacific, North America, Europe, Latin America, and the Rest of the World are included in the geographical analysis of the worldwide Radome market. In 2020, the North America region dominated the Radome market, accounting for significant amount of total revenue. Significant investments in research and development activities by key companies for the development of enhanced radome solutions, as well as growing demand for advanced radome systems, are projected to drive the radome market in this region forward. Due to easy access to various innovative technologies and significant investments made by manufacturers in the country for the development of improved military ISR and communication & monitoring systems, the US is expected to drive the growth of the North American radome market during the forecast period. Several advancements in the realm of radome systems have occurred in the region.

Major market player included in this report are:

General Dynamics

L3 Technologies

Jenoptik

Royal DSM

Saint-Gobain

NORDAM

CPI

Orbital ATK

TenCate Advanced Composites

Verdant

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 Mode of Operation offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Offering:

Product

Service

By Platform:

Airborne

Ground

Naval

By Application:

Radar

Sonar

Communication Antenna

By Frequency:

HF/UHF/VHF-Band

L-Band

S-Band

C-Band

X-Band

KU-Band

KA-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

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Radome 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

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