

Antenna, Transducer, and Radome - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Antenna, Transducer, and Radome Market is accounted for \$9.26 billion in 2020 and is expected to reach \$26.23 billion by 2028 growing at a CAGR of 13.9% during the forecast period. Increasing aerospace modernization programs, rise in defense budgets, and demand for technologically advanced ATR for next-generation aircraft and are driving the market growth. However, the long duration of product certification and high maintenance costs are hampering the growth of the market.

Antenna transducers are the devices that are used to convert the radio frequency fields into alternating current and vice versa. The radome is a structure that protects the antenna or radar system from damages. It also helps in hiding the antenna from the public view. Antenna, transducer, and radome technology have been developed for reliability in radar, sonar, and communication systems. It helps in detecting small, non-linearly moving targets for radar and sonar applications.

Based on the frequency, the multi-band segment is going to have lucrative growth during the forecast period owing to the growing demand for better signals and multi-band signal processing primarily conducting to improve signal resolution. Recent developments in photonic technologies have enabled multiband surveillance radars to explore applications that require high-precision. By geography, North America is going to have high growth during the forecast period due to the presence of several large ATR manufacturers, increasing defence budget in the region by U.S. and Canadian government, and major market players continuously investing in R&D to develop ATR with improved efficiency and reliability.

Some of the key players profiled in the Antenna, Transducer, and Radome Market

include Ball Aerospace & Technologies, Thales Group, Raytheon Company, QinetiQ, Lockheed Martin, BAE Systems, L3Harris Technologies, Astronics Corporation, Exelixis, Cobham Defence Communications, Boeing, Leonardo, Honeywell, General Dynamics Mission Systems and Airbus Group.

Platforms Covered:

Naval

Ground

Airborne

Costs Covered:

Operational

Procurement

Method of Uses Covered:

Temporal Artery Radiation (Forehead) Measurement.

Tympanic Radiation (Ear) Measurement

Product Types Covered:

Antenna

Transducers

Radome

Technologies Covered:

Radar

Communication

Sonar

Frequencies Covered:

X-Band

S-Band

Multi-Band

L-Band

Ku-Band

Ka-Band

HF/VHF/UHF-Band

C-Band

Applications Covered:

Wireless Communication

Navigation & Surveillance

Homeland Security

Aerospace

End Users Covered:

Defense

Commercial

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025 and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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