

# RF GAN Devices in the Global Satcom Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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## Abstracts

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### RF GAN Devices in the Satcom Market Trends and Forecast

The future of RF GAN devices in the global satcom market looks promising with opportunities in the module and discrete markets. RF GAN device usage in the global satcom market is expected to reach an estimated \$0.23 billion by 2028 with a CAGR of 18.2% from 2023 to 2028. The major drivers for this market are growing adoption of GaN technology among space industry and rising preference for satellite based wireless communication.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown here.

### RF GAN Devices in the Satcom Market by Segment

The study includes trends and forecast for RF GAN devices in the global satcom market by product type, device type, and region, as follows:

RF GAN Devices in the Satcom Market by Product Type [Shipment Analysis by Value from 2017 to 2028]:

Module

Discrete

RF GAN Devices in the Satcom Market by Device Type [Shipment Analysis by Value from 2017 to 2028]:

Power Amplifier

Switch

Low Noise Amplifier

Phase Shifters

Attenuators

Couplers

Antenna Tuners

Others

RF GAN Devices in the Satcom Market by Region [Shipment Analysis by Value from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of RF GAN Device Companies in the Satcom Market

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies, RF GAN device companies in the satcom market cater to increasing demand, ensure competitive effectiveness, develop innovative products &

technologies, reduce production costs, and expand their customer base. Some of RF GAN device companies in the satcom market profiled in this report include-

Qorvo

Skyworks Solutions

Analog Devices

Qualcomm Technologies

WOLFSPEED

MACOM

## RF GAN Devices in the Satcom Market Insights

Lucintel forecasts that power amplifier segment is expected to witness the highest growth over the forecast period due to its growing application in satellite communication systems to enable high power density in a small, light weighted, and affordable design.

Discrete is expected to witness the highest growth over the forecast period due to the significant use of discrete RF GAN in satellite communication applications to meet the desired level of performance.

APAC is expected to witness the highest growth over the forecast period due to the growing demand for wireless equipment, rising number of manufacturing unit of RF GAN devices in the region, and expanding number of 5G base station infrastructure in China.

## Features of RF GAN Devices in the Satcom Market

Market Size Estimates: RF GAN devices in the satcom market size estimation in terms of value (\$B)

Trend And Forecast Analysis: Market trends (2017-2022) and forecast

(2023-2028) by various segments and regions.

**Segmentation Analysis:** RF GAN devices in the satcom market size by various segments, such as by product type, device type, and region

**Regional Analysis:** RF GAN devices in the satcom market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis on growth opportunities in different by product type, device type, and regions for RF GAN devices in the satcom market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape for RF GAN devices in the satcom market.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

## FAQ

Q1. What is RF GAN devices in the satcom market size?

Answer: RF GAN devices in the global satcom market is expected to reach an estimated \$0.23 billion by 2028.

Q2. What is the growth forecast for RF GAN devices in the satcom market?

Answer: RF GAN devices in the global satcom market is expected to grow with a CAGR of 18.2% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of RF GAN devices in the satcom market?

Answer: The major drivers for this market are growing adoption of GaN technology among space industry and rising preference for satellite based wireless communication.

Q4. What are the major segments for RF GAN devices in satcom market?

Answer: The future of RF GAN devices in the satcom market looks promising with

opportunities in the module and discrete markets.

Q5. Who are the key RF GAN device companies in the satcom market?

Answer: Some of the key RF GAN device companies in the satcom market are as follows:

Qorvo

Skyworks Solutions

Analog Devices

Qualcomm Technologies

WOLFSPEED

MACOM

Q6. Which segment in the satcom market in terms of RF GAN device usage will be the largest in the future?

Answer: Lucintel forecasts that power amplifier is expected to witness the highest growth over the forecast period due to its growing application in satellite communication systems to enable high power density in a small, light weighted, and affordable design.

Q7. In the satcom market in terms of RF GAN device usage, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness the highest growth over the forecast period due to the growing demand for wireless equipment, rising number of manufacturing unit of RF GAN devices in the region, and expanding number of 5G base station infrastructure in China.

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Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for RF GAN devices in the global satcom market by product type (power amplifiers, switches, low noise amplifiers, phase shifters, attenuators, couplers, antenna tuners, and others), device type (module and discrete), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to RF GAN devices in the global satcom market or related to RF GAN devices in the global satcom companies, RF GAN devices in the global satcom market size, RF GAN devices in the global satcom market share, RF GAN devices in the global satcom market growth, RF GAN devices in the global satcom market research, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.

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