

# Global Microwave Device Market to Hit USD 13.4 Billion by 2032, Growing at 5.5% CAGR from USD 7.8 Billion in 2022 | FMI

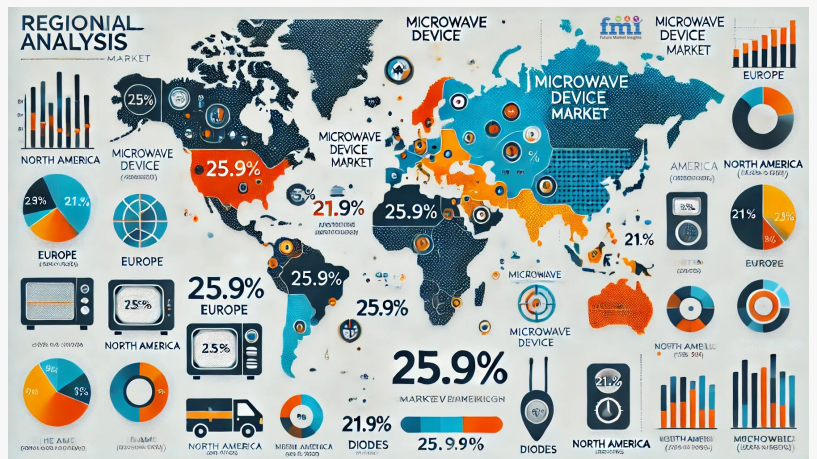
*The Global Microwave devices, with high bandwidth, enable rapid data transmission and are efficient for detecting, measuring, and generating microwaves. - FMI*

NEWARK, DE, UNITED STATES, January 24, 2025 /EINPresswire.com/ -- The global [microwave device market](#) is poised to experience significant growth over the forecast period of 2022 to 2032. Valued at USD 7.8 billion in 2022, the market is projected to expand at a compound annual growth rate (CAGR) of 5.5%, reaching an anticipated value of USD 13.4 billion by 2032. This robust growth is driven by increasing investments in defense and military infrastructure, the rising demand for reliable and fast communication systems, and the widespread adoption of advanced technologies such as 5G and the Internet of Things (IoT).

Microwave devices play a crucial role in various applications, including telecommunications, healthcare, and aerospace. The devices' ability to deliver high-frequency signals with minimal interference makes them indispensable in these sectors. Furthermore, the growing need for



Microwave Device Market



Microwave Device Market Regional analysis

precision in medical diagnostics and treatment has amplified the demand for microwave devices in healthcare, particularly in patient monitoring systems.

To Gain In-Depth Insights on Market, Browse the Complete Report:

<https://www.futuremarketinsights.com/reports/microwave-device-market>

### Key Takeaways from Market Study

The global microwave device market was valued at USD 7.8 billion in 2022 and is expected to reach USD 13.4 billion by 2032, growing at a CAGR of 5.5%.

Increased funding for military and defense projects is a significant driver of market growth.

The rising demand for microwave devices in healthcare, especially in patient monitoring applications, is creating new opportunities.

The deployment of 5G networks and the expansion of IoT ecosystems are fueling the demand for advanced microwave components.

North America held a dominant share in the global microwave device market in 2022, followed by Asia-Pacific, which is projected to witness the fastest growth during the forecast period.

“The microwave device market is at a pivotal point of transformation, driven by technological advancements and increased demand across various end-use industries. The defense and aerospace sectors continue to account for a significant share of the market, but we are also witnessing a growing influence from the healthcare and telecommunications industries. As global investments in 5G and IoT infrastructure intensify, manufacturers of microwave devices have a unique opportunity to innovate and expand their market footprint.” opines Sudip Saha, managing director at Future Market Insights (FMI) analyst.

### Microwave Device Market: Drivers and Challenges

The major factor driving the adoption of Microwave Device is the increasing usage of Microwave devices in various segments such as cooking, medical and for security purpose. These usage of microwave devices helps in providing wide bandwidth without need of cable. Another factor driving this Microwave Device market is that Microwaves can carry high quantity of information due to which Microwave devices are used for faster operations.

The key challenge for Microwave Device market is the high cost of these devices and Line-of-sight will be disrupted if any obstacle, such as new buildings, are in the way due to which signal can be missed. It takes high transit time of carriers through these Microwave Device which is another challenges faced by users.

### Key Companies & Market Share Insights

The microwave device market is highly competitive, with several key players striving to maintain their market position through continuous innovation and strategic partnerships. Some of the leading companies in the market include:

Thales Group  
Raytheon Technologies Corporation  
Communications & Power Industries LLC (CPI)  
L3Harris Technologies, Inc.  
Teledyne Technologies Incorporated  
Richardson Electronics, Ltd.  
Qorvo, Inc.  
Keysight Technologies, Inc.

These companies are focusing on expanding their product portfolios and investing in advanced technologies to cater to the evolving demands of end-use industries. Collaborative ventures and acquisitions are also common strategies employed by market players to strengthen their market presence and enhance their technological capabilities.

## Regional Overview

Presently, North America and Europe is holding the largest market share for Microwave Device market due to presence of major market players in these region. Moreover the rising usage of microwave technology for medical and household appliances is helping this market to increase in these region.

Asia -Pacific is also increasingly adopting Microwave Device technologies with the entry of major & established players such as Samsung and others along with launching new products in developing countries.

The report covers exhaustive analysis on Microwave Device Market Segments

## Market Dynamics

Historical Actual Market Size, 2014 – 2016

Market Size & Forecast 2017 to 2027

Value Chain

Market Current Trends/Issues/Challenges

Competition & Companies involved

Market Drivers and Restraints

The report is a compilation of first-hand information, qualitative and quantitative assessment by industry analysts, inputs from industry experts and industry participants across the value chain. The report provides in-depth analysis of parent market trends, macro-economic indicators and governing factors along with market attractiveness as per segments. The report also maps the qualitative impact of various market factors on market segments and geographies.

## Key Segments

By Product:

Passive Devices

Active Devices

By End User:

Healthcare

Military & Defence

Space & Communication

By Frequency:

Ku-band

C-band

Ka-band

L-band

S-band

X-band

By Region:

North America

Latin America

Europe

Asia Pacific

MEA

Explore Comprehensive Electronics & Components Market Insights – Key Players, Trends, and Forecasts! @ <https://www.futuremarketinsights.com/industry-analysis/electronics-and-components>

Author:

Sudip Saha is the managing director and co-founder at Future Market Insights, an award-winning market research and consulting firm. Sudip is committed to shaping the market research industry with credible solutions and constantly makes a buzz in the media with his thought leadership. His vast experience in market research and project management a consumer electronics will likely remain the leading end-use sector across verticals in APAC, EMEA, and the Americas reflecting his growth-oriented approach to clients.

He is a strong believer and proponent of innovation-based solutions, emphasizing customized solutions to meet one client's requirements at a time. His foresightedness and visionary approach recently got him recognized as the 'Global Icon in Business Consulting' at the ET Inspiring Leaders Awards 2022.

Have a Look at the Related Reports of the Technology Domain:

The [microwave monolithic integrated circuits market](#) is projected to rise to USD 10,434.9 million in 2023 and is estimated to reach USD 33,090.3 million by 2033 with a CAGR of 12.2% during the forecast period from 2023 to 2033.

In the present year, 2023, the total demand for [point-to-point microwave devices](#) is estimated to be nearly USD 4.2 billion in terms of value. As per the global point-to-point microwave devices market analysis report, it is predicted to rise by 8.7% CAGR during the years 2023 to 2033.

#### About Future Market Insights (FMI)

Future Market Insights, Inc. (ESOMAR certified, recipient of the Stevie Award, and a member of the Greater New York Chamber of Commerce) offers profound insights into the driving factors that are boosting demand in the market. FMI stands as the leading global provider of market intelligence, advisory services, consulting, and events for the Packaging, Food and Beverage, Consumer Technology, Healthcare, Industrial, and Chemicals markets. With a vast team of over 400 analysts worldwide, FMI provides global, regional, and local expertise on diverse domains and industry trends across more than 110 countries. Join us as we commemorate 10 years of delivering trusted market insights. Reflecting on a decade of achievements, we continue to lead with integrity, innovation, and expertise.

#### Contact Us:

Future Market Insights Inc.  
Christiana Corporate, 200 Continental Drive,  
Suite 401, Newark, Delaware - 19713, USA  
T: +1-347-918-3531  
For Sales Enquiries: [sales@futuremarketinsights.com](mailto:sales@futuremarketinsights.com)  
Website: <https://www.futuremarketinsights.com>

Ankush Nikam  
Future Market Insights, Inc.  
+ +91 90966 84197

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

[YouTube](#)

[Other](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/779977282>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.