

Global 5G Millimeter Wave Antenna Market Growth 2023-2029

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Abstracts

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The AoC antenna directly integrates the radiating components into the back end of the RF chip stack. The advantage is that on a single module with an area of only a few square millimeters, there is no RF interconnection and integration of RF and baseband functions. Considering cost and performance, AoC technology is more suitable for the higher frequency terahertz frequency band (300GHz-3000GHz) than the millimeter wave frequency band, while AiP is based on packaging materials and processes, integrating antennas and chips in the package to achieve system-level wireless Functional technology. AiP technology conforms to the trend of increasing integration of silicon-based semiconductor processes, taking into account antenna performance, cost and volume, and represents the major achievements of antenna technology in recent years and the direction of technological upgrading of terminal antennas in the 5G millimeter wave frequency band.

LPI (LP Information)' newest research report, the "5G Millimeter Wave Antenna Industry Forecast" looks at past sales and reviews total world 5G Millimeter Wave Antenna sales in 2022, providing a comprehensive analysis by region and market sector of projected 5G Millimeter Wave Antenna sales for 2023 through 2029. With 5G Millimeter Wave Antenna sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world 5G Millimeter Wave Antenna industry.

This Insight Report provides a comprehensive analysis of the global 5G Millimeter Wave Antenna landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report

also analyzes the strategies of leading global companies with a focus on 5G Millimeter Wave Antenna portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global 5G Millimeter Wave Antenna market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for 5G Millimeter Wave Antenna and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global 5G Millimeter Wave Antenna.

The global 5G Millimeter Wave Antenna market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for 5G Millimeter Wave Antenna is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for 5G Millimeter Wave Antenna is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for 5G Millimeter Wave Antenna is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key 5G Millimeter Wave Antenna players cover Qualcomm, Intel, Murata, Skyworks, Qorvo, Samsung, Broadcom and Huizhou Speed Wireless Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of 5G Millimeter Wave Antenna market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

AoC(Antenna on Chip)

AiP(Antenna in Package)

Segmentation by application

Consumer Electronics

Vehicle Electronics

Industrial Internet of Things

Communication Base Station

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Qualcomm

Intel

Murata

Skyworks

Qorvo

Samsung

Broadcom

Huizhou Speed Wireless Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global 5G Millimeter Wave Antenna market?

What factors are driving 5G Millimeter Wave Antenna market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do 5G Millimeter Wave Antenna market opportunities vary by end market size?

How does 5G Millimeter Wave Antenna break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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