

# **Global Millimeter-Wave Converter Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029**

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## **Abstracts**

According to our (Global Info Research) latest study, the global Millimeter-Wave Converter market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

The millimeter-wave converter performs two primary functions: frequency conversion and amplification. It takes an input signal, typically at a lower frequency, and converts it to a higher frequency within the millimeter-wave range. The converter may utilize various techniques such as frequency multiplication, frequency mixing, or heterodyne detection to achieve this frequency conversion. Additionally, the converter amplifies the converted millimeter-wave signal to enhance its strength for transmission or further processing.

The Global Info Research report includes an overview of the development of the Millimeter-Wave Converter industry chain, the market status of Communication and Wireless Networks (Two-Port, Four-Port), Radar and Wireless Sensors (Two-Port, Four-Port), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Millimeter-Wave Converter.

Regionally, the report analyzes the Millimeter-Wave Converter markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Millimeter-Wave Converter market, with robust domestic demand, supportive policies, and a strong manufacturing base.

### Key Features:

The report presents comprehensive understanding of the Millimeter-Wave Converter market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Millimeter-Wave Converter industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Two-Port, Four-Port).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Millimeter-Wave Converter market.

**Regional Analysis:** The report involves examining the Millimeter-Wave Converter market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Millimeter-Wave Converter market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Millimeter-Wave Converter:

**Company Analysis:** Report covers individual Millimeter-Wave Converter manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Millimeter-Wave Converter This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Communication and Wireless Networks, Radar and Wireless Sensors).

**Technology Analysis:** Report covers specific technologies relevant to Millimeter-Wave Converter. It assesses the current state, advancements, and potential future developments in Millimeter-Wave Converter areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Millimeter-Wave Converter market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Millimeter-Wave Converter market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Two-Port

Four-Port

### Market segment by Application

Communication and Wireless Networks

Radar and Wireless Sensors

Astronomical Observation

Scientific Research

### Major players covered

L3Harris Technologies

Nihon Dempa Kogyo

Spacek Labs

Rohde & Schwarz

Radiometer Physics GmbH (RPG)

ELVA-1

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Millimeter-Wave Converter product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Millimeter-Wave Converter, with price, sales, revenue and global market share of Millimeter-Wave Converter from 2018 to 2023.

Chapter 3, the Millimeter-Wave Converter competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Millimeter-Wave Converter breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Millimeter-Wave Converter market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Millimeter-Wave Converter.

Chapter 14 and 15, to describe Millimeter-Wave Converter sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

#### 1.1 Product Overview and Scope of Millimeter-Wave Converter

#### 1.2 Market Estimation Caveats and Base Year

#### 1.3 Market Analysis by Type

##### 1.3.1 Overview: Global Millimeter-Wave Converter Consumption Value by Type: 2018 Versus 2022 Versus 2029

##### 1.3.2 Two-Port

##### 1.3.3 Four-Port

#### 1.4 Market Analysis by Application

##### 1.4.1 Overview: Global Millimeter-Wave Converter Consumption Value by Application: 2018 Versus 2022 Versus 2029

##### 1.4.2 Communication and Wireless Networks

##### 1.4.3 Radar and Wireless Sensors

##### 1.4.4 Astronomical Observation

##### 1.4.5 Scientific Research

#### 1.5 Global Millimeter-Wave Converter Market Size & Forecast

##### 1.5.1 Global Millimeter-Wave Converter Consumption Value (2018 & 2022 & 2029)

##### 1.5.2 Global Millimeter-Wave Converter Sales Quantity (2018-2029)

##### 1.5.3 Global Millimeter-Wave Converter Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

#### 2.1 L3Harris Technologies

##### 2.1.1 L3Harris Technologies Details

##### 2.1.2 L3Harris Technologies Major Business

##### 2.1.3 L3Harris Technologies Millimeter-Wave Converter Product and Services

##### 2.1.4 L3Harris Technologies Millimeter-Wave Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

##### 2.1.5 L3Harris Technologies Recent Developments/Updates

#### 2.2 Nihon Dempa Kogyo

##### 2.2.1 Nihon Dempa Kogyo Details

##### 2.2.2 Nihon Dempa Kogyo Major Business

##### 2.2.3 Nihon Dempa Kogyo Millimeter-Wave Converter Product and Services

##### 2.2.4 Nihon Dempa Kogyo Millimeter-Wave Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

##### 2.2.5 Nihon Dempa Kogyo Recent Developments/Updates

## 2.3 Spacek Labs

### 2.3.1 Spacek Labs Details

### 2.3.2 Spacek Labs Major Business

### 2.3.3 Spacek Labs Millimeter-Wave Converter Product and Services

### 2.3.4 Spacek Labs Millimeter-Wave Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.3.5 Spacek Labs Recent Developments/Updates

## 2.4 Rohde & Schwarz

### 2.4.1 Rohde & Schwarz Details

### 2.4.2 Rohde & Schwarz Major Business

### 2.4.3 Rohde & Schwarz Millimeter-Wave Converter Product and Services

### 2.4.4 Rohde & Schwarz Millimeter-Wave Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.4.5 Rohde & Schwarz Recent Developments/Updates

## 2.5 Radiometer Physics GmbH (RPG)

### 2.5.1 Radiometer Physics GmbH (RPG) Details

### 2.5.2 Radiometer Physics GmbH (RPG) Major Business

### 2.5.3 Radiometer Physics GmbH (RPG) Millimeter-Wave Converter Product and Services

### 2.5.4 Radiometer Physics GmbH (RPG) Millimeter-Wave Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.5.5 Radiometer Physics GmbH (RPG) Recent Developments/Updates

## 2.6 ELVA-1

### 2.6.1 ELVA-1 Details

### 2.6.2 ELVA-1 Major Business

### 2.6.3 ELVA-1 Millimeter-Wave Converter Product and Services

### 2.6.4 ELVA-1 Millimeter-Wave Converter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.6.5 ELVA-1 Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: MILLIMETER-WAVE CONVERTER BY MANUFACTURER**

### 3.1 Global Millimeter-Wave Converter Sales Quantity by Manufacturer (2018-2023)

### 3.2 Global Millimeter-Wave Converter Revenue by Manufacturer (2018-2023)

### 3.3 Global Millimeter-Wave Converter Average Price by Manufacturer (2018-2023)

### 3.4 Market Share Analysis (2022)

#### 3.4.1 Producer Shipments of Millimeter-Wave Converter by Manufacturer Revenue (\$MM) and Market Share (%): 2022



- 3.4.2 Top 3 Millimeter-Wave Converter Manufacturer Market Share in 2022
- 3.4.2 Top 6 Millimeter-Wave Converter Manufacturer Market Share in 2022
- 3.5 Millimeter-Wave Converter Market: Overall Company Footprint Analysis
  - 3.5.1 Millimeter-Wave Converter Market: Region Footprint
  - 3.5.2 Millimeter-Wave Converter Market: Company Product Type Footprint
  - 3.5.3 Millimeter-Wave Converter Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Millimeter-Wave Converter Market Size by Region
  - 4.1.1 Global Millimeter-Wave Converter Sales Quantity by Region (2018-2029)
  - 4.1.2 Global Millimeter-Wave Converter Consumption Value by Region (2018-2029)
  - 4.1.3 Global Millimeter-Wave Converter Average Price by Region (2018-2029)
- 4.2 North America Millimeter-Wave Converter Consumption Value (2018-2029)
- 4.3 Europe Millimeter-Wave Converter Consumption Value (2018-2029)
- 4.4 Asia-Pacific Millimeter-Wave Converter Consumption Value (2018-2029)
- 4.5 South America Millimeter-Wave Converter Consumption Value (2018-2029)
- 4.6 Middle East and Africa Millimeter-Wave Converter Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Millimeter-Wave Converter Sales Quantity by Type (2018-2029)
- 5.2 Global Millimeter-Wave Converter Consumption Value by Type (2018-2029)
- 5.3 Global Millimeter-Wave Converter Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Millimeter-Wave Converter Sales Quantity by Application (2018-2029)
- 6.2 Global Millimeter-Wave Converter Consumption Value by Application (2018-2029)
- 6.3 Global Millimeter-Wave Converter Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

- 7.1 North America Millimeter-Wave Converter Sales Quantity by Type (2018-2029)
- 7.2 North America Millimeter-Wave Converter Sales Quantity by Application (2018-2029)
- 7.3 North America Millimeter-Wave Converter Market Size by Country



7.3.1 North America Millimeter-Wave Converter Sales Quantity by Country  
(2018-2029)

7.3.2 North America Millimeter-Wave Converter Consumption Value by Country  
(2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

8.1 Europe Millimeter-Wave Converter Sales Quantity by Type (2018-2029)

8.2 Europe Millimeter-Wave Converter Sales Quantity by Application (2018-2029)

8.3 Europe Millimeter-Wave Converter Market Size by Country

8.3.1 Europe Millimeter-Wave Converter Sales Quantity by Country (2018-2029)

8.3.2 Europe Millimeter-Wave Converter Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Millimeter-Wave Converter Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Millimeter-Wave Converter Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Millimeter-Wave Converter Market Size by Region

9.3.1 Asia-Pacific Millimeter-Wave Converter Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Millimeter-Wave Converter Consumption Value by Region  
(2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

10.1 South America Millimeter-Wave Converter Sales Quantity by Type (2018-2029)

10.2 South America Millimeter-Wave Converter Sales Quantity by Application  
(2018-2029)

10.3 South America Millimeter-Wave Converter Market Size by Country

10.3.1 South America Millimeter-Wave Converter Sales Quantity by Country  
(2018-2029)

10.3.2 South America Millimeter-Wave Converter Consumption Value by Country  
(2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Millimeter-Wave Converter Sales Quantity by Type  
(2018-2029)

11.2 Middle East & Africa Millimeter-Wave Converter Sales Quantity by Application  
(2018-2029)

11.3 Middle East & Africa Millimeter-Wave Converter Market Size by Country

11.3.1 Middle East & Africa Millimeter-Wave Converter Sales Quantity by Country  
(2018-2029)

11.3.2 Middle East & Africa Millimeter-Wave Converter Consumption Value by Country  
(2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

12.1 Millimeter-Wave Converter Market Drivers

12.2 Millimeter-Wave Converter Market Restraints

12.3 Millimeter-Wave Converter Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

#### 12.5.2 Influence of Russia-Ukraine War

### **13 RAW MATERIAL AND INDUSTRY CHAIN**

#### 13.1 Raw Material of Millimeter-Wave Converter and Key Manufacturers

#### 13.2 Manufacturing Costs Percentage of Millimeter-Wave Converter

#### 13.3 Millimeter-Wave Converter Production Process

#### 13.4 Millimeter-Wave Converter Industrial Chain

### **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

#### 14.1 Sales Channel

##### 14.1.1 Direct to End-User

##### 14.1.2 Distributors

#### 14.2 Millimeter-Wave Converter Typical Distributors

#### 14.3 Millimeter-Wave Converter Typical Customers

### **15 RESEARCH FINDINGS AND CONCLUSION**

### **16 APPENDIX**

#### 16.1 Methodology

#### 16.2 Research Process and Data Source

#### 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Millimeter-Wave Converter Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Millimeter-Wave Converter Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. L3Harris Technologies Basic Information, Manufacturing Base and Competitors

Table 4. L3Harris Technologies Major Business

Table 5. L3Harris Technologies Millimeter-Wave Converter Product and Services

Table 6. L3Harris Technologies Millimeter-Wave Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. L3Harris Technologies Recent Developments/Updates

Table 8. Nihon Dempa Kogyo Basic Information, Manufacturing Base and Competitors

Table 9. Nihon Dempa Kogyo Major Business

Table 10. Nihon Dempa Kogyo Millimeter-Wave Converter Product and Services

Table 11. Nihon Dempa Kogyo Millimeter-Wave Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Nihon Dempa Kogyo Recent Developments/Updates

Table 13. Spacek Labs Basic Information, Manufacturing Base and Competitors

Table 14. Spacek Labs Major Business

Table 15. Spacek Labs Millimeter-Wave Converter Product and Services

Table 16. Spacek Labs Millimeter-Wave Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Spacek Labs Recent Developments/Updates

Table 18. Rohde & Schwarz Basic Information, Manufacturing Base and Competitors

Table 19. Rohde & Schwarz Major Business

Table 20. Rohde & Schwarz Millimeter-Wave Converter Product and Services

Table 21. Rohde & Schwarz Millimeter-Wave Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Rohde & Schwarz Recent Developments/Updates

Table 23. Radiometer Physics GmbH (RPG) Basic Information, Manufacturing Base and Competitors

Table 24. Radiometer Physics GmbH (RPG) Major Business

Table 25. Radiometer Physics GmbH (RPG) Millimeter-Wave Converter Product and

## Services

Table 26. Radiometer Physics GmbH (RPG) Millimeter-Wave Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Radiometer Physics GmbH (RPG) Recent Developments/Updates

Table 28. ELVA-1 Basic Information, Manufacturing Base and Competitors

Table 29. ELVA-1 Major Business

Table 30. ELVA-1 Millimeter-Wave Converter Product and Services

Table 31. ELVA-1 Millimeter-Wave Converter Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. ELVA-1 Recent Developments/Updates

Table 33. Global Millimeter-Wave Converter Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 34. Global Millimeter-Wave Converter Revenue by Manufacturer (2018-2023) & (USD Million)

Table 35. Global Millimeter-Wave Converter Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 36. Market Position of Manufacturers in Millimeter-Wave Converter, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 37. Head Office and Millimeter-Wave Converter Production Site of Key Manufacturer

Table 38. Millimeter-Wave Converter Market: Company Product Type Footprint

Table 39. Millimeter-Wave Converter Market: Company Product Application Footprint

Table 40. Millimeter-Wave Converter New Market Entrants and Barriers to Market Entry

Table 41. Millimeter-Wave Converter Mergers, Acquisition, Agreements, and Collaborations

Table 42. Global Millimeter-Wave Converter Sales Quantity by Region (2018-2023) & (K Units)

Table 43. Global Millimeter-Wave Converter Sales Quantity by Region (2024-2029) & (K Units)

Table 44. Global Millimeter-Wave Converter Consumption Value by Region (2018-2023) & (USD Million)

Table 45. Global Millimeter-Wave Converter Consumption Value by Region (2024-2029) & (USD Million)

Table 46. Global Millimeter-Wave Converter Average Price by Region (2018-2023) & (US\$/Unit)

Table 47. Global Millimeter-Wave Converter Average Price by Region (2024-2029) & (US\$/Unit)

Table 48. Global Millimeter-Wave Converter Sales Quantity by Type (2018-2023) & (K

Units)

Table 49. Global Millimeter-Wave Converter Sales Quantity by Type (2024-2029) & (K Units)

Table 50. Global Millimeter-Wave Converter Consumption Value by Type (2018-2023) & (USD Million)

Table 51. Global Millimeter-Wave Converter Consumption Value by Type (2024-2029) & (USD Million)

Table 52. Global Millimeter-Wave Converter Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. Global Millimeter-Wave Converter Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. Global Millimeter-Wave Converter Sales Quantity by Application (2018-2023) & (K Units)

Table 55. Global Millimeter-Wave Converter Sales Quantity by Application (2024-2029) & (K Units)

Table 56. Global Millimeter-Wave Converter Consumption Value by Application (2018-2023) & (USD Million)

Table 57. Global Millimeter-Wave Converter Consumption Value by Application (2024-2029) & (USD Million)

Table 58. Global Millimeter-Wave Converter Average Price by Application (2018-2023) & (US\$/Unit)

Table 59. Global Millimeter-Wave Converter Average Price by Application (2024-2029) & (US\$/Unit)

Table 60. North America Millimeter-Wave Converter Sales Quantity by Type (2018-2023) & (K Units)

Table 61. North America Millimeter-Wave Converter Sales Quantity by Type (2024-2029) & (K Units)

Table 62. North America Millimeter-Wave Converter Sales Quantity by Application (2018-2023) & (K Units)

Table 63. North America Millimeter-Wave Converter Sales Quantity by Application (2024-2029) & (K Units)

Table 64. North America Millimeter-Wave Converter Sales Quantity by Country (2018-2023) & (K Units)

Table 65. North America Millimeter-Wave Converter Sales Quantity by Country (2024-2029) & (K Units)

Table 66. North America Millimeter-Wave Converter Consumption Value by Country (2018-2023) & (USD Million)

Table 67. North America Millimeter-Wave Converter Consumption Value by Country (2024-2029) & (USD Million)



Table 68. Europe Millimeter-Wave Converter Sales Quantity by Type (2018-2023) & (K Units)

Table 69. Europe Millimeter-Wave Converter Sales Quantity by Type (2024-2029) & (K Units)

Table 70. Europe Millimeter-Wave Converter Sales Quantity by Application (2018-2023) & (K Units)

Table 71. Europe Millimeter-Wave Converter Sales Quantity by Application (2024-2029) & (K Units)

Table 72. Europe Millimeter-Wave Converter Sales Quantity by Country (2018-2023) & (K Units)

Table 73. Europe Millimeter-Wave Converter Sales Quantity by Country (2024-2029) & (K Units)

Table 74. Europe Millimeter-Wave Converter Consumption Value by Country (2018-2023) & (USD Million)

Table 75. Europe Millimeter-Wave Converter Consumption Value by Country (2024-2029) & (USD Million)

Table 76. Asia-Pacific Millimeter-Wave Converter Sales Quantity by Type (2018-2023) & (K Units)

Table 77. Asia-Pacific Millimeter-Wave Converter Sales Quantity by Type (2024-2029) & (K Units)

Table 78. Asia-Pacific Millimeter-Wave Converter Sales Quantity by Application (2018-2023) & (K Units)

Table 79. Asia-Pacific Millimeter-Wave Converter Sales Quantity by Application (2024-2029) & (K Units)

Table 80. Asia-Pacific Millimeter-Wave Converter Sales Quantity by Region (2018-2023) & (K Units)

Table 81. Asia-Pacific Millimeter-Wave Converter Sales Quantity by Region (2024-2029) & (K Units)

Table 82. Asia-Pacific Millimeter-Wave Converter Consumption Value by Region (2018-2023) & (USD Million)

Table 83. Asia-Pacific Millimeter-Wave Converter Consumption Value by Region (2024-2029) & (USD Million)

Table 84. South America Millimeter-Wave Converter Sales Quantity by Type (2018-2023) & (K Units)

Table 85. South America Millimeter-Wave Converter Sales Quantity by Type (2024-2029) & (K Units)

Table 86. South America Millimeter-Wave Converter Sales Quantity by Application (2018-2023) & (K Units)

Table 87. South America Millimeter-Wave Converter Sales Quantity by Application



(2024-2029) & (K Units)

Table 88. South America Millimeter-Wave Converter Sales Quantity by Country  
(2018-2023) & (K Units)

Table 89. South America Millimeter-Wave Converter Sales Quantity by Country  
(2024-2029) & (K Units)

Table 90. South America Millimeter-Wave Converter Consumption Value by Country  
(2018-2023) & (USD Million)

Table 91. South America Millimeter-Wave Converter Consumption Value by Country  
(2024-2029) & (USD Million)

Table 92. Middle East & Africa Millimeter-Wave Converter Sales Quantity by Type  
(2018-2023) & (K Units)

Table 93. Middle East & Africa Millimeter-Wave Converter Sales Quantity by Type  
(2024-2029) & (K Units)

Table 94. Middle East & Africa Millimeter-Wave Converter Sales Quantity by Application  
(2018-2023) & (K Units)

Table 95. Middle East & Africa Millimeter-Wave Converter Sales Quantity by Application  
(2024-2029) & (K Units)

Table 96. Middle East & Africa Millimeter-Wave Converter Sales Quantity by Region  
(2018-2023) & (K Units)

Table 97. Middle East & Africa Millimeter-Wave Converter Sales Quantity by Region  
(2024-2029) & (K Units)

Table 98. Middle East & Africa Millimeter-Wave Converter Consumption Value by  
Region (2018-2023) & (USD Million)

Table 99. Middle East & Africa Millimeter-Wave Converter Consumption Value by  
Region (2024-2029) & (USD Million)

Table 100. Millimeter-Wave Converter Raw Material

Table 101. Key Manufacturers of Millimeter-Wave Converter Raw Materials

Table 102. Millimeter-Wave Converter Typical Distributors

Table 103. Millimeter-Wave Converter Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Millimeter-Wave Converter Picture

Figure 2. Global Millimeter-Wave Converter Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Millimeter-Wave Converter Consumption Value Market Share by Type in 2022

Figure 4. Two-Port Examples

Figure 5. Four-Port Examples

Figure 6. Global Millimeter-Wave Converter Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global Millimeter-Wave Converter Consumption Value Market Share by Application in 2022

Figure 8. Communication and Wireless Networks Examples

Figure 9. Radar and Wireless Sensors Examples

Figure 10. Astronomical Observation Examples

Figure 11. Scientific Research Examples

Figure 12. Global Millimeter-Wave Converter Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 13. Global Millimeter-Wave Converter Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 14. Global Millimeter-Wave Converter Sales Quantity (2018-2029) & (K Units)

Figure 15. Global Millimeter-Wave Converter Average Price (2018-2029) & (US\$/Unit)

Figure 16. Global Millimeter-Wave Converter Sales Quantity Market Share by Manufacturer in 2022

Figure 17. Global Millimeter-Wave Converter Consumption Value Market Share by Manufacturer in 2022

Figure 18. Producer Shipments of Millimeter-Wave Converter by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 19. Top 3 Millimeter-Wave Converter Manufacturer (Consumption Value) Market Share in 2022

Figure 20. Top 6 Millimeter-Wave Converter Manufacturer (Consumption Value) Market Share in 2022

Figure 21. Global Millimeter-Wave Converter Sales Quantity Market Share by Region (2018-2029)

Figure 22. Global Millimeter-Wave Converter Consumption Value Market Share by Region (2018-2029)

Figure 23. North America Millimeter-Wave Converter Consumption Value (2018-2029) & (USD Million)

Figure 24. Europe Millimeter-Wave Converter Consumption Value (2018-2029) & (USD Million)

Figure 25. Asia-Pacific Millimeter-Wave Converter Consumption Value (2018-2029) & (USD Million)

Figure 26. South America Millimeter-Wave Converter Consumption Value (2018-2029) & (USD Million)

Figure 27. Middle East & Africa Millimeter-Wave Converter Consumption Value (2018-2029) & (USD Million)

Figure 28. Global Millimeter-Wave Converter Sales Quantity Market Share by Type (2018-2029)

Figure 29. Global Millimeter-Wave Converter Consumption Value Market Share by Type (2018-2029)

Figure 30. Global Millimeter-Wave Converter Average Price by Type (2018-2029) & (US\$/Unit)

Figure 31. Global Millimeter-Wave Converter Sales Quantity Market Share by Application (2018-2029)

Figure 32. Global Millimeter-Wave Converter Consumption Value Market Share by Application (2018-2029)

Figure 33. Global Millimeter-Wave Converter Average Price by Application (2018-2029) & (US\$/Unit)

Figure 34. North America Millimeter-Wave Converter Sales Quantity Market Share by Type (2018-2029)

Figure 35. North America Millimeter-Wave Converter Sales Quantity Market Share by Application (2018-2029)

Figure 36. North America Millimeter-Wave Converter Sales Quantity Market Share by Country (2018-2029)

Figure 37. North America Millimeter-Wave Converter Consumption Value Market Share by Country (2018-2029)

Figure 38. United States Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Canada Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Mexico Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Europe Millimeter-Wave Converter Sales Quantity Market Share by Type (2018-2029)

Figure 42. Europe Millimeter-Wave Converter Sales Quantity Market Share by

Application (2018-2029)

Figure 43. Europe Millimeter-Wave Converter Sales Quantity Market Share by Country (2018-2029)

Figure 44. Europe Millimeter-Wave Converter Consumption Value Market Share by Country (2018-2029)

Figure 45. Germany Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. France Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. United Kingdom Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Russia Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Italy Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Asia-Pacific Millimeter-Wave Converter Sales Quantity Market Share by Type (2018-2029)

Figure 51. Asia-Pacific Millimeter-Wave Converter Sales Quantity Market Share by Application (2018-2029)

Figure 52. Asia-Pacific Millimeter-Wave Converter Sales Quantity Market Share by Region (2018-2029)

Figure 53. Asia-Pacific Millimeter-Wave Converter Consumption Value Market Share by Region (2018-2029)

Figure 54. China Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Japan Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Korea Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. India Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Southeast Asia Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Australia Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. South America Millimeter-Wave Converter Sales Quantity Market Share by Type (2018-2029)

Figure 61. South America Millimeter-Wave Converter Sales Quantity Market Share by Application (2018-2029)

Figure 62. South America Millimeter-Wave Converter Sales Quantity Market Share by Country (2018-2029)

Figure 63. South America Millimeter-Wave Converter Consumption Value Market Share by Country (2018-2029)

Figure 64. Brazil Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Argentina Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Middle East & Africa Millimeter-Wave Converter Sales Quantity Market Share by Type (2018-2029)

Figure 67. Middle East & Africa Millimeter-Wave Converter Sales Quantity Market Share by Application (2018-2029)

Figure 68. Middle East & Africa Millimeter-Wave Converter Sales Quantity Market Share by Region (2018-2029)

Figure 69. Middle East & Africa Millimeter-Wave Converter Consumption Value Market Share by Region (2018-2029)

Figure 70. Turkey Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Egypt Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Saudi Arabia Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. South Africa Millimeter-Wave Converter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Millimeter-Wave Converter Market Drivers

Figure 75. Millimeter-Wave Converter Market Restraints

Figure 76. Millimeter-Wave Converter Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Millimeter-Wave Converter in 2022

Figure 79. Manufacturing Process Analysis of Millimeter-Wave Converter

Figure 80. Millimeter-Wave Converter Industrial Chain

Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

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