

# Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G14235117A65EN.html>

Date: November 2025

Pages: 76

Price: US\$ 3,480.00 (Single User License)

ID: G14235117A65EN

## Abstracts

According to our (Global Info Research) latest study, the global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB market size was valued at US\$ 41.4 million in 2024 and is forecast to a readjusted size of USD 400 million by 2031 with a CAGR of 38.7% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

This report is a detailed and comprehensive analysis for global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

## Key Features:

Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Somacis Graphic PCB, Zhen Ding Tech, ynamic Electronics Co., Ltd, TTM Technologies, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market Segmentation**

Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB market is split by Type and by Application. For the period 2020-2031, the growth among

segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

2-Layer

4-Layer

Other

#### Market segment by Application

Corner Radars

Front Radars

#### Major players covered

Somacis Graphic PCB

Zhen Ding Tech

ynamic Electronics Co., Ltd

TTM Technologies

#### 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 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB, with price, sales quantity, revenue, and global market share of Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB from 2020 to 2025.

Chapter 3, the Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB.

Chapter 14 and 15, to describe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 2-Layer

1.3.3 4-Layer

1.3.4 Other

1.4 Market Analysis by Application

1.4.1 Overview: Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Corner Radars

1.4.3 Front Radars

1.5 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market Size & Forecast

1.5.1 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity (2020-2031)

1.5.3 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

2.1 Somacis Graphic PCB

2.1.1 Somacis Graphic PCB Details

2.1.2 Somacis Graphic PCB Major Business

2.1.3 Somacis Graphic PCB Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Product and Services

2.1.4 Somacis Graphic PCB Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Somacis Graphic PCB Recent Developments/Updates

2.2 Zhen Ding Tech

2.2.1 Zhen Ding Tech Details

2.2.2 Zhen Ding Tech Major Business

2.2.3 Zhen Ding Tech Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Product and Services

2.2.4 Zhen Ding Tech Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 Zhen Ding Tech Recent Developments/Updates

2.3 ynamic Electronics Co., Ltd

2.3.1 ynamic Electronics Co., Ltd Details

2.3.2 ynamic Electronics Co., Ltd Major Business

2.3.3 ynamic Electronics Co., Ltd Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Product and Services

2.3.4 ynamic Electronics Co., Ltd Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 ynamic Electronics Co., Ltd Recent Developments/Updates

2.4 TTM Technologies

2.4.1 TTM Technologies Details

2.4.2 TTM Technologies Major Business

2.4.3 TTM Technologies Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Product and Services

2.4.4 TTM Technologies Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 TTM Technologies Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: AUTOMOTIVE 77GHZ MILLIMETER-WAVE RADAR SUBSTRATE INTEGRATED WAVEGUIDE PCB BY MANUFACTURER**

3.1 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Manufacturer (2020-2025)

3.2 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Revenue by Manufacturer (2020-2025)

3.3 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Manufacturer Market Share in 2024

3.4.3 Top 6 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Manufacturer Market Share in 2024

3.5 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market: Overall Company Footprint Analysis

3.5.1 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market: Region Footprint

3.5.2 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market: Company Product Type Footprint

3.5.3 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB 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 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market Size by Region

4.1.1 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Region (2020-2031)

4.1.2 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Region (2020-2031)

4.1.3 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Average Price by Region (2020-2031)

4.2 North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031)

4.3 Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031)

4.4 Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031)

4.5 South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031)

4.6 Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide

PCB Sales Quantity by Type (2020-2031)

5.2 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide

PCB Consumption Value by Type (2020-2031)

5.3 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide

PCB Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide

PCB Sales Quantity by Application (2020-2031)

6.2 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide

PCB Consumption Value by Application (2020-2031)

6.3 Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide

PCB Average Price by Application (2020-2031)

## **7 NORTH AMERICA**

7.1 North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2020-2031)

7.2 North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2020-2031)

7.3 North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market Size by Country

7.3.1 North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Country (2020-2031)

7.3.2 North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

## **8 EUROPE**

8.1 Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2020-2031)

8.2 Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2020-2031)

8.3 Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market Size by Country

8.3.1 Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Country (2020-2031)

8.3.2 Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market Size by Region

9.3.1 Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

## **10 SOUTH AMERICA**

10.1 South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2020-2031)

10.2 South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2020-2031)

10.3 South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market Size by Country

10.3.1 South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Country (2020-2031)

10.3.2 South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market Size by Country

11.3.1 Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

## **12 MARKET DYNAMICS**

12.1 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market Drivers

12.2 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market Restraints

12.3 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB 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

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

13.1 Raw Material of Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB and Key Manufacturers

13.2 Manufacturing Costs Percentage of Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB

13.3 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Production Process

13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Typical Distributors

14.3 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB 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 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Somacis Graphic PCB Basic Information, Manufacturing Base and Competitors

Table 4. Somacis Graphic PCB Major Business

Table 5. Somacis Graphic PCB Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Product and Services

Table 6. Somacis Graphic PCB Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Somacis Graphic PCB Recent Developments/Updates

Table 8. Zhen Ding Tech Basic Information, Manufacturing Base and Competitors

Table 9. Zhen Ding Tech Major Business

Table 10. Zhen Ding Tech Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Product and Services

Table 11. Zhen Ding Tech Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Zhen Ding Tech Recent Developments/Updates

Table 13. ynamic Electronics Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 14. ynamic Electronics Co., Ltd Major Business

Table 15. ynamic Electronics Co., Ltd Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Product and Services

Table 16. ynamic Electronics Co., Ltd Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. ynamic Electronics Co., Ltd Recent Developments/Updates

Table 18. TTM Technologies Basic Information, Manufacturing Base and Competitors

Table 19. TTM Technologies Major Business

Table 20. TTM Technologies Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Product and Services

Table 21. TTM Technologies Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity (K Units), Average Price (US\$/Unit),

Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. TTM Technologies Recent Developments/Updates

Table 23. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 24. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Revenue by Manufacturer (2020-2025) & (USD Million)

Table 25. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 26. Market Position of Manufacturers in Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 27. Head Office and Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Production Site of Key Manufacturer

Table 28. Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market: Company Product Type Footprint

Table 29. Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market: Company Product Application Footprint

Table 30. Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB New Market Entrants and Barriers to Market Entry

Table 31. Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Mergers, Acquisition, Agreements, and Collaborations

Table 32. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 33. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Region (2020-2025) & (K Units)

Table 34. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Region (2026-2031) & (K Units)

Table 35. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Region (2020-2025) & (USD Million)

Table 36. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Region (2026-2031) & (USD Million)

Table 37. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Average Price by Region (2020-2025) & (US\$/Unit)

Table 38. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Average Price by Region (2026-2031) & (US\$/Unit)

Table 39. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2020-2025) & (K Units)

Table 40. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated

- Waveguide PCB Sales Quantity by Type (2026-2031) & (K Units)
- Table 41. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Type (2020-2025) & (USD Million)
- Table 42. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Type (2026-2031) & (USD Million)
- Table 43. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Average Price by Type (2020-2025) & (US\$/Unit)
- Table 44. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Average Price by Type (2026-2031) & (US\$/Unit)
- Table 45. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2020-2025) & (K Units)
- Table 46. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2026-2031) & (K Units)
- Table 47. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Application (2020-2025) & (USD Million)
- Table 48. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Application (2026-2031) & (USD Million)
- Table 49. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Average Price by Application (2020-2025) & (US\$/Unit)
- Table 50. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Average Price by Application (2026-2031) & (US\$/Unit)
- Table 51. North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2020-2025) & (K Units)
- Table 52. North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2026-2031) & (K Units)
- Table 53. North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2020-2025) & (K Units)
- Table 54. North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2026-2031) & (K Units)
- Table 55. North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Country (2020-2025) & (K Units)
- Table 56. North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Country (2026-2031) & (K Units)
- Table 57. North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Country (2020-2025) & (USD Million)
- Table 58. North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Country (2026-2031) & (USD Million)
- Table 59. Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2020-2025) & (K Units)

Table 60. Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2026-2031) & (K Units)

Table 61. Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2020-2025) & (K Units)

Table 62. Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2026-2031) & (K Units)

Table 63. Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Country (2020-2025) & (K Units)

Table 64. Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Country (2026-2031) & (K Units)

Table 65. Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Country (2020-2025) & (USD Million)

Table 66. Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Country (2026-2031) & (USD Million)

Table 67. Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2020-2025) & (K Units)

Table 68. Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2026-2031) & (K Units)

Table 69. Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2020-2025) & (K Units)

Table 70. Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2026-2031) & (K Units)

Table 71. Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Region (2020-2025) & (K Units)

Table 72. Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Region (2026-2031) & (K Units)

Table 73. Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Region (2020-2025) & (USD Million)

Table 74. Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Region (2026-2031) & (USD Million)

Table 75. South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2020-2025) & (K Units)

Table 76. South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Type (2026-2031) & (K Units)

Table 77. South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2020-2025) & (K Units)

Table 78. South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity by Application (2026-2031) & (K Units)

Table 79. South America Automotive 77Ghz Millimeter-wave Radar Substrate

Integrated Waveguide PCB Sales Quantity by Country (2020-2025) & (K Units)

Table 80. South America Automotive 77Ghz Millimeter-wave Radar Substrate

Integrated Waveguide PCB Sales Quantity by Country (2026-2031) & (K Units)

Table 81. South America Automotive 77Ghz Millimeter-wave Radar Substrate

Integrated Waveguide PCB Consumption Value by Country (2020-2025) & (USD Million)

Table 82. South America Automotive 77Ghz Millimeter-wave Radar Substrate

Integrated Waveguide PCB Consumption Value by Country (2026-2031) & (USD Million)

Table 83. Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate

Integrated Waveguide PCB Sales Quantity by Type (2020-2025) & (K Units)

Table 84. Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate

Integrated Waveguide PCB Sales Quantity by Type (2026-2031) & (K Units)

Table 85. Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate

Integrated Waveguide PCB Sales Quantity by Application (2020-2025) & (K Units)

Table 86. Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate

Integrated Waveguide PCB Sales Quantity by Application (2026-2031) & (K Units)

Table 87. Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate

Integrated Waveguide PCB Sales Quantity by Country (2020-2025) & (K Units)

Table 88. Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate

Integrated Waveguide PCB Sales Quantity by Country (2026-2031) & (K Units)

Table 89. Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate

Integrated Waveguide PCB Consumption Value by Country (2020-2025) & (USD Million)

Table 90. Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate

Integrated Waveguide PCB Consumption Value by Country (2026-2031) & (USD Million)

Table 91. Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Raw Material

Table 92. Key Manufacturers of Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Raw Materials

Table 93. Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Typical Distributors

Table 94. Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Picture

Figure 2. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Revenue Market Share by Type in 2024

Figure 4. 2-Layer Examples

Figure 5. 4-Layer Examples

Figure 6. Other Examples

Figure 7. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 8. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Revenue Market Share by Application in 2024

Figure 9. Corner Radars Examples

Figure 10. Front Radars Examples

Figure 11. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 12. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 13. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity (2020-2031) & (K Units)

Figure 14. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Price (2020-2031) & (US\$/Unit)

Figure 15. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Manufacturer in 2024

Figure 16. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Revenue Market Share by Manufacturer in 2024

Figure 17. Producer Shipments of Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 18. Top 3 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Manufacturer (Revenue) Market Share in 2024

Figure 19. Top 6 Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Manufacturer (Revenue) Market Share in 2024

Figure 20. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Region (2020-2031)

- Figure 21. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value Market Share by Region (2020-2031)
- Figure 22. North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 23. Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 24. Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 25. South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 26. Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 27. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Type (2020-2031)
- Figure 28. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value Market Share by Type (2020-2031)
- Figure 29. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Average Price by Type (2020-2031) & (US\$/Unit)
- Figure 30. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Application (2020-2031)
- Figure 31. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Revenue Market Share by Application (2020-2031)
- Figure 32. Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Average Price by Application (2020-2031) & (US\$/Unit)
- Figure 33. North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Type (2020-2031)
- Figure 34. North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Application (2020-2031)
- Figure 35. North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Country (2020-2031)
- Figure 36. North America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value Market Share by Country (2020-2031)
- Figure 37. United States Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 38. Canada Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 39. Mexico Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 40. Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated

Waveguide PCB Sales Quantity Market Share by Type (2020-2031)

Figure 41. Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Application (2020-2031)

Figure 42. Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Country (2020-2031)

Figure 43. Europe Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value Market Share by Country (2020-2031)

Figure 44. Germany Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)

Figure 45. France Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)

Figure 46. United Kingdom Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)

Figure 47. Russia Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)

Figure 48. Italy Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)

Figure 49. Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Type (2020-2031)

Figure 50. Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Application (2020-2031)

Figure 51. Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Region (2020-2031)

Figure 52. Asia-Pacific Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value Market Share by Region (2020-2031)

Figure 53. China Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)

Figure 54. Japan Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)

Figure 55. South Korea Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)

Figure 56. India Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)

Figure 57. Southeast Asia Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)

Figure 58. Australia Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)

Figure 59. South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Type (2020-2031)

- Figure 60. South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Application (2020-2031)
- Figure 61. South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Country (2020-2031)
- Figure 62. South America Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value Market Share by Country (2020-2031)
- Figure 63. Brazil Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 64. Argentina Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 65. Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Type (2020-2031)
- Figure 66. Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Application (2020-2031)
- Figure 67. Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Sales Quantity Market Share by Country (2020-2031)
- Figure 68. Middle East & Africa Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value Market Share by Country (2020-2031)
- Figure 69. Turkey Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 70. Egypt Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 71. Saudi Arabia Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 72. South Africa Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Consumption Value (2020-2031) & (USD Million)
- Figure 73. Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market Drivers
- Figure 74. Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market Restraints
- Figure 75. Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market Trends
- Figure 76. Porters Five Forces Analysis
- Figure 77. Manufacturing Cost Structure Analysis of Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB in 2024
- Figure 78. Manufacturing Process Analysis of Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB
- Figure 79. Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Industrial Chain

Figure 80. Sales Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

## I would like to order

Product name: Global Automotive 77Ghz Millimeter-wave Radar Substrate Integrated Waveguide PCB Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/G14235117A65EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G14235117A65EN.html>