

# Global SMD Directional Coupler Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global SMD Directional Coupler market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The working principle of the SMD directional coupler is based on the coupling effect of microwave transmission lines and is suitable for microwave frequency bands. Its operating frequency range can range from hundreds of megahertz to tens of gigahertz. It should be noted that the selection and use of SMD directional couplers needs to consider factors such as their operating frequency, insertion loss, coupling degree, and isolation degree to meet the needs of specific applications.

The SMD directional coupler is a surface-mount packaged microwave device used to couple microwave signals from one input port to one or more output ports. It is usually manufactured using a ceramic substrate and metal layer, which has the advantages of small size, lightweight, and high performance.

This report studies the global SMD Directional Coupler production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for SMD Directional Coupler, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of SMD Directional Coupler that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global SMD Directional Coupler total production and demand, 2018-2029,  
(Units)

Global SMD Directional Coupler total production value, 2018-2029, (USD Million)

Global SMD Directional Coupler production by region & country, production, value,  
CAGR, 2018-2029, (USD Million) & (Units)

Global SMD Directional Coupler consumption by region & country, CAGR, 2018-2029 &  
(Units)

U.S. VS China: SMD Directional Coupler domestic production, consumption, key  
domestic manufacturers and share

Global SMD Directional Coupler production by manufacturer, production, price, value  
and market share 2018-2023, (USD Million) & (Units)

Global SMD Directional Coupler production by Type, production, value, CAGR,  
2018-2029, (USD Million) & (Units)

Global SMD Directional Coupler production by Application production, value, CAGR,  
2018-2029, (USD Million) & (Units).

This reports profiles key players in the global SMD Directional Coupler market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include MACOM Technology Solutions, Murata Manufacturing, Skyworks Solutions, STMicroelectronics, TDK, Welertone, Knowles, Innovative Power Products and Qualwave, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World SMD Directional Coupler market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global SMD Directional Coupler Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global SMD Directional Coupler Market, Segmentation by Type

Uni-directional Coupler

Dual Directional Coupler

#### Global SMD Directional Coupler Market, Segmentation by Application

Semiconductor

Microwave Communication

Aerospace

Others

#### Companies Profiled:

MACOM Technology Solutions

Murata Manufacturing

Skyworks Solutions

STMicroelectronics

TDK

Welertone

Knowles

Innovative Power Products

Qualwave

Beijing Tianlang Tongxin Technology

Shanghai Chaobi Microwave Technology Center

Yantel Corporation

Xian Guochuang Electronics

#### Key Questions Answered

1. How big is the global SMD Directional Coupler market?
2. What is the demand of the global SMD Directional Coupler market?
3. What is the year over year growth of the global SMD Directional Coupler market?

4. What is the production and production value of the global SMD Directional Coupler market?
5. Who are the key producers in the global SMD Directional Coupler market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 SMD Directional Coupler Introduction
- 1.2 World SMD Directional Coupler Supply & Forecast
  - 1.2.1 World SMD Directional Coupler Production Value (2018 & 2022 & 2029)
  - 1.2.2 World SMD Directional Coupler Production (2018-2029)
  - 1.2.3 World SMD Directional Coupler Pricing Trends (2018-2029)
- 1.3 World SMD Directional Coupler Production by Region (Based on Production Site)
  - 1.3.1 World SMD Directional Coupler Production Value by Region (2018-2029)
  - 1.3.2 World SMD Directional Coupler Production by Region (2018-2029)
  - 1.3.3 World SMD Directional Coupler Average Price by Region (2018-2029)
  - 1.3.4 North America SMD Directional Coupler Production (2018-2029)
  - 1.3.5 Europe SMD Directional Coupler Production (2018-2029)
  - 1.3.6 China SMD Directional Coupler Production (2018-2029)
  - 1.3.7 Japan SMD Directional Coupler Production (2018-2029)
  - 1.3.8 South Korea SMD Directional Coupler Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 SMD Directional Coupler Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 SMD Directional Coupler Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World SMD Directional Coupler Demand (2018-2029)
- 2.2 World SMD Directional Coupler Consumption by Region
  - 2.2.1 World SMD Directional Coupler Consumption by Region (2018-2023)
  - 2.2.2 World SMD Directional Coupler Consumption Forecast by Region (2024-2029)
- 2.3 United States SMD Directional Coupler Consumption (2018-2029)
- 2.4 China SMD Directional Coupler Consumption (2018-2029)
- 2.5 Europe SMD Directional Coupler Consumption (2018-2029)
- 2.6 Japan SMD Directional Coupler Consumption (2018-2029)
- 2.7 South Korea SMD Directional Coupler Consumption (2018-2029)
- 2.8 ASEAN SMD Directional Coupler Consumption (2018-2029)
- 2.9 India SMD Directional Coupler Consumption (2018-2029)

### **3 WORLD SMD DIRECTIONAL COUPLER MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World SMD Directional Coupler Production Value by Manufacturer (2018-2023)
- 3.2 World SMD Directional Coupler Production by Manufacturer (2018-2023)
- 3.3 World SMD Directional Coupler Average Price by Manufacturer (2018-2023)
- 3.4 SMD Directional Coupler Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global SMD Directional Coupler Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for SMD Directional Coupler in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for SMD Directional Coupler in 2022
- 3.6 SMD Directional Coupler Market: Overall Company Footprint Analysis
  - 3.6.1 SMD Directional Coupler Market: Region Footprint
  - 3.6.2 SMD Directional Coupler Market: Company Product Type Footprint
  - 3.6.3 SMD Directional Coupler Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: SMD Directional Coupler Production Value Comparison
  - 4.1.1 United States VS China: SMD Directional Coupler Production Value Comparison (2018 & 2022 & 2029)
  - 4.1.2 United States VS China: SMD Directional Coupler Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: SMD Directional Coupler Production Comparison
  - 4.2.1 United States VS China: SMD Directional Coupler Production Comparison (2018 & 2022 & 2029)
  - 4.2.2 United States VS China: SMD Directional Coupler Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: SMD Directional Coupler Consumption Comparison
  - 4.3.1 United States VS China: SMD Directional Coupler Consumption Comparison (2018 & 2022 & 2029)
  - 4.3.2 United States VS China: SMD Directional Coupler Consumption Market Share

Comparison (2018 & 2022 & 2029)

4.4 United States Based SMD Directional Coupler Manufacturers and Market Share, 2018-2023

4.4.1 United States Based SMD Directional Coupler Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers SMD Directional Coupler Production Value (2018-2023)

4.4.3 United States Based Manufacturers SMD Directional Coupler Production (2018-2023)

4.5 China Based SMD Directional Coupler Manufacturers and Market Share

4.5.1 China Based SMD Directional Coupler Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers SMD Directional Coupler Production Value (2018-2023)

4.5.3 China Based Manufacturers SMD Directional Coupler Production (2018-2023)

4.6 Rest of World Based SMD Directional Coupler Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based SMD Directional Coupler Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers SMD Directional Coupler Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers SMD Directional Coupler Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World SMD Directional Coupler Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Uni-directional Coupler

5.2.2 Dual Directional Coupler

5.3 Market Segment by Type

5.3.1 World SMD Directional Coupler Production by Type (2018-2029)

5.3.2 World SMD Directional Coupler Production Value by Type (2018-2029)

5.3.3 World SMD Directional Coupler Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World SMD Directional Coupler Market Size Overview by Application: 2018 VS 2022



VS 2029

## 6.2 Segment Introduction by Application

- 6.2.1 Semiconductor
- 6.2.2 Microwave Communication
- 6.2.3 Aerospace
- 6.2.4 Others

## 6.3 Market Segment by Application

- 6.3.1 World SMD Directional Coupler Production by Application (2018-2029)
- 6.3.2 World SMD Directional Coupler Production Value by Application (2018-2029)
- 6.3.3 World SMD Directional Coupler Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

### 7.1 MACOM Technology Solutions

- 7.1.1 MACOM Technology Solutions Details
- 7.1.2 MACOM Technology Solutions Major Business
- 7.1.3 MACOM Technology Solutions SMD Directional Coupler Product and Services
- 7.1.4 MACOM Technology Solutions SMD Directional Coupler Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 MACOM Technology Solutions Recent Developments/Updates
- 7.1.6 MACOM Technology Solutions Competitive Strengths & Weaknesses

### 7.2 Murata Manufacturing

- 7.2.1 Murata Manufacturing Details
- 7.2.2 Murata Manufacturing Major Business
- 7.2.3 Murata Manufacturing SMD Directional Coupler Product and Services
- 7.2.4 Murata Manufacturing SMD Directional Coupler Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.2.5 Murata Manufacturing Recent Developments/Updates
- 7.2.6 Murata Manufacturing Competitive Strengths & Weaknesses

### 7.3 Skyworks Solutions

- 7.3.1 Skyworks Solutions Details
- 7.3.2 Skyworks Solutions Major Business
- 7.3.3 Skyworks Solutions SMD Directional Coupler Product and Services
- 7.3.4 Skyworks Solutions SMD Directional Coupler Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 Skyworks Solutions Recent Developments/Updates
- 7.3.6 Skyworks Solutions Competitive Strengths & Weaknesses

### 7.4 STMicroelectronics

- 7.4.1 STMicroelectronics Details

- 7.4.2 STMicroelectronics Major Business
- 7.4.3 STMicroelectronics SMD Directional Coupler Product and Services
- 7.4.4 STMicroelectronics SMD Directional Coupler Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.4.5 STMicroelectronics Recent Developments/Updates
- 7.4.6 STMicroelectronics Competitive Strengths & Weaknesses
- 7.5 TDK
  - 7.5.1 TDK Details
  - 7.5.2 TDK Major Business
  - 7.5.3 TDK SMD Directional Coupler Product and Services
  - 7.5.4 TDK SMD Directional Coupler Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 TDK Recent Developments/Updates
  - 7.5.6 TDK Competitive Strengths & Weaknesses
- 7.6 Welertone
  - 7.6.1 Welertone Details
  - 7.6.2 Welertone Major Business
  - 7.6.3 Welertone SMD Directional Coupler Product and Services
  - 7.6.4 Welertone SMD Directional Coupler Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Welertone Recent Developments/Updates
  - 7.6.6 Welertone Competitive Strengths & Weaknesses
- 7.7 Knowles
  - 7.7.1 Knowles Details
  - 7.7.2 Knowles Major Business
  - 7.7.3 Knowles SMD Directional Coupler Product and Services
  - 7.7.4 Knowles SMD Directional Coupler Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Knowles Recent Developments/Updates
  - 7.7.6 Knowles Competitive Strengths & Weaknesses
- 7.8 Innovative Power Products
  - 7.8.1 Innovative Power Products Details
  - 7.8.2 Innovative Power Products Major Business
  - 7.8.3 Innovative Power Products SMD Directional Coupler Product and Services
  - 7.8.4 Innovative Power Products SMD Directional Coupler Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 Innovative Power Products Recent Developments/Updates
  - 7.8.6 Innovative Power Products Competitive Strengths & Weaknesses
- 7.9 Qualwave

- 7.9.1 Qualwave Details
- 7.9.2 Qualwave Major Business
- 7.9.3 Qualwave SMD Directional Coupler Product and Services
- 7.9.4 Qualwave SMD Directional Coupler Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.9.5 Qualwave Recent Developments/Updates
- 7.9.6 Qualwave Competitive Strengths & Weaknesses
- 7.10 Beijing Tianlang Tongxin Technology
  - 7.10.1 Beijing Tianlang Tongxin Technology Details
  - 7.10.2 Beijing Tianlang Tongxin Technology Major Business
  - 7.10.3 Beijing Tianlang Tongxin Technology SMD Directional Coupler Product and Services
  - 7.10.4 Beijing Tianlang Tongxin Technology SMD Directional Coupler Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 Beijing Tianlang Tongxin Technology Recent Developments/Updates
  - 7.10.6 Beijing Tianlang Tongxin Technology Competitive Strengths & Weaknesses
- 7.11 Shanghai Chaobi Microwave Technology Center
  - 7.11.1 Shanghai Chaobi Microwave Technology Center Details
  - 7.11.2 Shanghai Chaobi Microwave Technology Center Major Business
  - 7.11.3 Shanghai Chaobi Microwave Technology Center SMD Directional Coupler Product and Services
  - 7.11.4 Shanghai Chaobi Microwave Technology Center SMD Directional Coupler Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.11.5 Shanghai Chaobi Microwave Technology Center Recent Developments/Updates
  - 7.11.6 Shanghai Chaobi Microwave Technology Center Competitive Strengths & Weaknesses
- 7.12 Yantel Corporation
  - 7.12.1 Yantel Corporation Details
  - 7.12.2 Yantel Corporation Major Business
  - 7.12.3 Yantel Corporation SMD Directional Coupler Product and Services
  - 7.12.4 Yantel Corporation SMD Directional Coupler Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.12.5 Yantel Corporation Recent Developments/Updates
  - 7.12.6 Yantel Corporation Competitive Strengths & Weaknesses
- 7.13 Xian Guochuang Electronics
  - 7.13.1 Xian Guochuang Electronics Details
  - 7.13.2 Xian Guochuang Electronics Major Business
  - 7.13.3 Xian Guochuang Electronics SMD Directional Coupler Product and Services

7.13.4 Xian Guochuang Electronics SMD Directional Coupler Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Xian Guochuang Electronics Recent Developments/Updates

7.13.6 Xian Guochuang Electronics Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 SMD Directional Coupler Industry Chain

8.2 SMD Directional Coupler Upstream Analysis

8.2.1 SMD Directional Coupler Core Raw Materials

8.2.2 Main Manufacturers of SMD Directional Coupler Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 SMD Directional Coupler Production Mode

8.6 SMD Directional Coupler Procurement Model

8.7 SMD Directional Coupler Industry Sales Model and Sales Channels

8.7.1 SMD Directional Coupler Sales Model

8.7.2 SMD Directional Coupler Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World SMD Directional Coupler Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World SMD Directional Coupler Production Value by Region (2018-2023) & (USD Million)

Table 3. World SMD Directional Coupler Production Value by Region (2024-2029) & (USD Million)

Table 4. World SMD Directional Coupler Production Value Market Share by Region (2018-2023)

Table 5. World SMD Directional Coupler Production Value Market Share by Region (2024-2029)

Table 6. World SMD Directional Coupler Production by Region (2018-2023) & (Units)

Table 7. World SMD Directional Coupler Production by Region (2024-2029) & (Units)

Table 8. World SMD Directional Coupler Production Market Share by Region (2018-2023)

Table 9. World SMD Directional Coupler Production Market Share by Region (2024-2029)

Table 10. World SMD Directional Coupler Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World SMD Directional Coupler Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. SMD Directional Coupler Major Market Trends

Table 13. World SMD Directional Coupler Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Units)

Table 14. World SMD Directional Coupler Consumption by Region (2018-2023) & (Units)

Table 15. World SMD Directional Coupler Consumption Forecast by Region (2024-2029) & (Units)

Table 16. World SMD Directional Coupler Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key SMD Directional Coupler Producers in 2022

Table 18. World SMD Directional Coupler Production by Manufacturer (2018-2023) & (Units)

Table 19. Production Market Share of Key SMD Directional Coupler Producers in 2022

Table 20. World SMD Directional Coupler Average Price by Manufacturer (2018-2023)

& (US\$/Unit)

Table 21. Global SMD Directional Coupler Company Evaluation Quadrant

Table 22. World SMD Directional Coupler Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and SMD Directional Coupler Production Site of Key Manufacturer

Table 24. SMD Directional Coupler Market: Company Product Type Footprint

Table 25. SMD Directional Coupler Market: Company Product Application Footprint

Table 26. SMD Directional Coupler Competitive Factors

Table 27. SMD Directional Coupler New Entrant and Capacity Expansion Plans

Table 28. SMD Directional Coupler Mergers & Acquisitions Activity

Table 29. United States VS China SMD Directional Coupler Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China SMD Directional Coupler Production Comparison, (2018 & 2022 & 2029) & (Units)

Table 31. United States VS China SMD Directional Coupler Consumption Comparison, (2018 & 2022 & 2029) & (Units)

Table 32. United States Based SMD Directional Coupler Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers SMD Directional Coupler Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers SMD Directional Coupler Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers SMD Directional Coupler Production (2018-2023) & (Units)

Table 36. United States Based Manufacturers SMD Directional Coupler Production Market Share (2018-2023)

Table 37. China Based SMD Directional Coupler Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers SMD Directional Coupler Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers SMD Directional Coupler Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers SMD Directional Coupler Production (2018-2023) & (Units)

Table 41. China Based Manufacturers SMD Directional Coupler Production Market Share (2018-2023)

Table 42. Rest of World Based SMD Directional Coupler Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers SMD Directional Coupler Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers SMD Directional Coupler Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers SMD Directional Coupler Production (2018-2023) & (Units)

Table 46. Rest of World Based Manufacturers SMD Directional Coupler Production Market Share (2018-2023)

Table 47. World SMD Directional Coupler Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World SMD Directional Coupler Production by Type (2018-2023) & (Units)

Table 49. World SMD Directional Coupler Production by Type (2024-2029) & (Units)

Table 50. World SMD Directional Coupler Production Value by Type (2018-2023) & (USD Million)

Table 51. World SMD Directional Coupler Production Value by Type (2024-2029) & (USD Million)

Table 52. World SMD Directional Coupler Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World SMD Directional Coupler Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World SMD Directional Coupler Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World SMD Directional Coupler Production by Application (2018-2023) & (Units)

Table 56. World SMD Directional Coupler Production by Application (2024-2029) & (Units)

Table 57. World SMD Directional Coupler Production Value by Application (2018-2023) & (USD Million)

Table 58. World SMD Directional Coupler Production Value by Application (2024-2029) & (USD Million)

Table 59. World SMD Directional Coupler Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World SMD Directional Coupler Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. MACOM Technology Solutions Basic Information, Manufacturing Base and Competitors

Table 62. MACOM Technology Solutions Major Business

Table 63. MACOM Technology Solutions SMD Directional Coupler Product and Services

Table 64. MACOM Technology Solutions SMD Directional Coupler Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. MACOM Technology Solutions Recent Developments/Updates

Table 66. MACOM Technology Solutions Competitive Strengths & Weaknesses

Table 67. Murata Manufacturing Basic Information, Manufacturing Base and Competitors

Table 68. Murata Manufacturing Major Business

Table 69. Murata Manufacturing SMD Directional Coupler Product and Services

Table 70. Murata Manufacturing SMD Directional Coupler Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Murata Manufacturing Recent Developments/Updates

Table 72. Murata Manufacturing Competitive Strengths & Weaknesses

Table 73. Skyworks Solutions Basic Information, Manufacturing Base and Competitors

Table 74. Skyworks Solutions Major Business

Table 75. Skyworks Solutions SMD Directional Coupler Product and Services

Table 76. Skyworks Solutions SMD Directional Coupler Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Skyworks Solutions Recent Developments/Updates

Table 78. Skyworks Solutions Competitive Strengths & Weaknesses

Table 79. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 80. STMicroelectronics Major Business

Table 81. STMicroelectronics SMD Directional Coupler Product and Services

Table 82. STMicroelectronics SMD Directional Coupler Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. STMicroelectronics Recent Developments/Updates

Table 84. STMicroelectronics Competitive Strengths & Weaknesses

Table 85. TDK Basic Information, Manufacturing Base and Competitors

Table 86. TDK Major Business

Table 87. TDK SMD Directional Coupler Product and Services

Table 88. TDK SMD Directional Coupler Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. TDK Recent Developments/Updates

Table 90. TDK Competitive Strengths & Weaknesses

Table 91. Welertone Basic Information, Manufacturing Base and Competitors

Table 92. Welertone Major Business



- Table 93. Welertone SMD Directional Coupler Product and Services
- Table 94. Welertone SMD Directional Coupler Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Welertone Recent Developments/Updates
- Table 96. Welertone Competitive Strengths & Weaknesses
- Table 97. Knowles Basic Information, Manufacturing Base and Competitors
- Table 98. Knowles Major Business
- Table 99. Knowles SMD Directional Coupler Product and Services
- Table 100. Knowles SMD Directional Coupler Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Knowles Recent Developments/Updates
- Table 102. Knowles Competitive Strengths & Weaknesses
- Table 103. Innovative Power Products Basic Information, Manufacturing Base and Competitors
- Table 104. Innovative Power Products Major Business
- Table 105. Innovative Power Products SMD Directional Coupler Product and Services
- Table 106. Innovative Power Products SMD Directional Coupler Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Innovative Power Products Recent Developments/Updates
- Table 108. Innovative Power Products Competitive Strengths & Weaknesses
- Table 109. Qualwave Basic Information, Manufacturing Base and Competitors
- Table 110. Qualwave Major Business
- Table 111. Qualwave SMD Directional Coupler Product and Services
- Table 112. Qualwave SMD Directional Coupler Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Qualwave Recent Developments/Updates
- Table 114. Qualwave Competitive Strengths & Weaknesses
- Table 115. Beijing Tianlang Tongxin Technology Basic Information, Manufacturing Base and Competitors
- Table 116. Beijing Tianlang Tongxin Technology Major Business
- Table 117. Beijing Tianlang Tongxin Technology SMD Directional Coupler Product and Services
- Table 118. Beijing Tianlang Tongxin Technology SMD Directional Coupler Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Beijing Tianlang Tongxin Technology Recent Developments/Updates
- Table 120. Beijing Tianlang Tongxin Technology Competitive Strengths & Weaknesses
- Table 121. Shanghai Chaobi Microwave Technology Center Basic Information,

## Manufacturing Base and Competitors

Table 122. Shanghai Chaobi Microwave Technology Center Major Business

Table 123. Shanghai Chaobi Microwave Technology Center SMD Directional Coupler Product and Services

Table 124. Shanghai Chaobi Microwave Technology Center SMD Directional Coupler Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Shanghai Chaobi Microwave Technology Center Recent Developments/Updates

Table 126. Shanghai Chaobi Microwave Technology Center Competitive Strengths & Weaknesses

Table 127. Yantel Corporation Basic Information, Manufacturing Base and Competitors

Table 128. Yantel Corporation Major Business

Table 129. Yantel Corporation SMD Directional Coupler Product and Services

Table 130. Yantel Corporation SMD Directional Coupler Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Yantel Corporation Recent Developments/Updates

Table 132. Xian Guochuang Electronics Basic Information, Manufacturing Base and Competitors

Table 133. Xian Guochuang Electronics Major Business

Table 134. Xian Guochuang Electronics SMD Directional Coupler Product and Services

Table 135. Xian Guochuang Electronics SMD Directional Coupler Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 136. Global Key Players of SMD Directional Coupler Upstream (Raw Materials)

Table 137. SMD Directional Coupler Typical Customers

Table 138. SMD Directional Coupler Typical Distributors

## LIST OF FIGURE

Figure 1. SMD Directional Coupler Picture

Figure 2. World SMD Directional Coupler Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World SMD Directional Coupler Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World SMD Directional Coupler Production (2018-2029) & (Units)

Figure 5. World SMD Directional Coupler Average Price (2018-2029) & (US\$/Unit)

Figure 6. World SMD Directional Coupler Production Value Market Share by Region

(2018-2029)

Figure 7. World SMD Directional Coupler Production Market Share by Region

(2018-2029)

Figure 8. North America SMD Directional Coupler Production (2018-2029) & (Units)

Figure 9. Europe SMD Directional Coupler Production (2018-2029) & (Units)

Figure 10. China SMD Directional Coupler Production (2018-2029) & (Units)

Figure 11. Japan SMD Directional Coupler Production (2018-2029) & (Units)

Figure 12. South Korea SMD Directional Coupler Production (2018-2029) & (Units)

Figure 13. SMD Directional Coupler Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World SMD Directional Coupler Consumption (2018-2029) & (Units)

Figure 16. World SMD Directional Coupler Consumption Market Share by Region

(2018-2029)

Figure 17. United States SMD Directional Coupler Consumption (2018-2029) & (Units)

Figure 18. China SMD Directional Coupler Consumption (2018-2029) & (Units)

Figure 19. Europe SMD Directional Coupler Consumption (2018-2029) & (Units)

Figure 20. Japan SMD Directional Coupler Consumption (2018-2029) & (Units)

Figure 21. South Korea SMD Directional Coupler Consumption (2018-2029) & (Units)

Figure 22. ASEAN SMD Directional Coupler Consumption (2018-2029) & (Units)

Figure 23. India SMD Directional Coupler Consumption (2018-2029) & (Units)

Figure 24. Producer Shipments of SMD Directional Coupler by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for SMD Directional Coupler Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for SMD Directional Coupler Markets in 2022

Figure 27. United States VS China: SMD Directional Coupler Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: SMD Directional Coupler Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: SMD Directional Coupler Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers SMD Directional Coupler Production Market Share 2022

Figure 31. China Based Manufacturers SMD Directional Coupler Production Market Share 2022

Figure 32. Rest of World Based Manufacturers SMD Directional Coupler Production Market Share 2022

Figure 33. World SMD Directional Coupler Production Value by Type, (USD Million),

2018 & 2022 & 2029

Figure 34. World SMD Directional Coupler Production Value Market Share by Type in 2022

Figure 35. Uni-directional Coupler

Figure 36. Dual Directional Coupler

Figure 37. World SMD Directional Coupler Production Market Share by Type (2018-2029)

Figure 38. World SMD Directional Coupler Production Value Market Share by Type (2018-2029)

Figure 39. World SMD Directional Coupler Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World SMD Directional Coupler Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World SMD Directional Coupler Production Value Market Share by Application in 2022

Figure 42. Semiconductor

Figure 43. Microwave Communication

Figure 44. Aerospace

Figure 45. Others

Figure 46. World SMD Directional Coupler Production Market Share by Application (2018-2029)

Figure 47. World SMD Directional Coupler Production Value Market Share by Application (2018-2029)

Figure 48. World SMD Directional Coupler Average Price by Application (2018-2029) & (US\$/Unit)

Figure 49. SMD Directional Coupler Industry Chain

Figure 50. SMD Directional Coupler Procurement Model

Figure 51. SMD Directional Coupler Sales Model

Figure 52. SMD Directional Coupler Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

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