

# Global Direct-Reading Phase Shifter Market Growth 2023-2029

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## Abstracts

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According to our (LP Info Research) latest study, the global Direct-Reading Phase Shifter market size was valued at US\$ million in 2022. With growing demand in downstream market and recovery from influence of COVID-19 and the Russia-Ukraine War, the Direct-Reading Phase Shifter is forecast to a readjusted size of US\$ million by 2029 with a CAGR of % during review period.

The research report highlights the growth potential of the global Direct-Reading Phase Shifter market. With recovery from influence of COVID-19 and the Russia-Ukraine War, Direct-Reading Phase Shifter are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Direct-Reading Phase Shifter. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Direct-Reading Phase Shifter market.

Direct-reading phase shifter typically consists of a variable phase shifter circuit, a phase measurement unit, and a display or readout. The variable phase shifter circuit is responsible for adjusting the phase of the input signal. The phase measurement unit measures the current phase shift, and the display or readout provides visual or numerical feedback of the phase shift value.

This device is commonly used in applications that require precise phase control, such as in phase-locked loop systems, communication systems, radar systems, and antenna beamforming. It enables engineers and technicians to accurately adjust and monitor the

phase of signals in real-time, ensuring optimal performance and alignment in various electronic systems.

Direct-reading phase shifter provides several advantages over traditional phase shifters. Firstly, it eliminates the need for additional instruments or equipment to measure the phase shift, as the measurement unit is integrated within the device. Secondly, it allows for immediate, direct adjustment of the phase without relying on manual calculation or interpolation. This enhances efficiency and simplifies the phase adjustment process.

With its direct measurement and adjustment capabilities, Direct-reading phase shifter is a valuable tool in electronic systems where precise phase control is critical. It enables users to achieve accurate phase alignment, phase modulation, and phase compensation, contributing to improved signal quality, system performance, and data integrity.

**Key Features:**

The report on Direct-Reading Phase Shifter market reflects various aspects and provide valuable insights into the industry.

**Market Size and Growth:** The research report provide an overview of the current size and growth of the Direct-Reading Phase Shifter market. It may include historical data, market segmentation by Type (e.g., 0-360 Degrees, 0-180 Degrees), and regional breakdowns.

**Market Drivers and Challenges:** The report can identify and analyse the factors driving the growth of the Direct-Reading Phase Shifter market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

**Competitive Landscape:** The research report provides analysis of the competitive landscape within the Direct-Reading Phase Shifter market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

**Technological Developments:** The research report can delve into the latest technological developments in the Direct-Reading Phase Shifter industry. This include advancements in Direct-Reading Phase Shifter technology, Direct-Reading Phase

Shifter new entrants, Direct-Reading Phase Shifter new investment, and other innovations that are shaping the future of Direct-Reading Phase Shifter.

**Downstream Procumbent Preference:** The report can shed light on customer procumbent behaviour and adoption trends in the Direct-Reading Phase Shifter market. It includes factors influencing customer ' purchasing decisions, preferences for Direct-Reading Phase Shifter product.

**Government Policies and Incentives:** The research report analyse the impact of government policies and incentives on the Direct-Reading Phase Shifter market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Direct-Reading Phase Shifter market. The report also evaluates the effectiveness of these policies in driving market growth.

**Environmental Impact and Sustainability:** The research report assess the environmental impact and sustainability aspects of the Direct-Reading Phase Shifter market.

**Market Forecasts and Future Outlook:** Based on the analysis conducted, the research report provide market forecasts and outlook for the Direct-Reading Phase Shifter industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

**Recommendations and Opportunities:** The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Direct-Reading Phase Shifter market.

**Market Segmentation:**

Direct-Reading Phase Shifter 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.

Segmentation by type

0-360 Degrees

0-180 Degrees

Others

Segmentation by application

Satellite Communication

Radar

Mobile Communication

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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

Antenna & Randome Research Associates

Cernex

FC EQUIPMENTS

Mi-Wave

Narda-ATM

NTC Tech

QuinStar

Xian Guochuang Electronics

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Direct-Reading Phase Shifter market?

What factors are driving Direct-Reading Phase Shifter market growth, globally and by region?

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

How do Direct-Reading Phase Shifter market opportunities vary by end market size?

How does Direct-Reading Phase Shifter break out type, application?

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

## Contents

### **1 SCOPE OF THE REPORT**

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### **2 EXECUTIVE SUMMARY**

- 2.1 World Market Overview
  - 2.1.1 Global Direct-Reading Phase Shifter Annual Sales 2018-2029
  - 2.1.2 World Current & Future Analysis for Direct-Reading Phase Shifter by Geographic Region, 2018, 2022 & 2029
  - 2.1.3 World Current & Future Analysis for Direct-Reading Phase Shifter by Country/Region, 2018, 2022 & 2029
- 2.2 Direct-Reading Phase Shifter Segment by Type
  - 2.2.1 0-360 Degrees
  - 2.2.2 0-180 Degrees
  - 2.2.3 Others
- 2.3 Direct-Reading Phase Shifter Sales by Type
  - 2.3.1 Global Direct-Reading Phase Shifter Sales Market Share by Type (2018-2023)
  - 2.3.2 Global Direct-Reading Phase Shifter Revenue and Market Share by Type (2018-2023)
  - 2.3.3 Global Direct-Reading Phase Shifter Sale Price by Type (2018-2023)
- 2.4 Direct-Reading Phase Shifter Segment by Application
  - 2.4.1 Satellite Communication
  - 2.4.2 Radar
  - 2.4.3 Mobile Communication
  - 2.4.4 Others
- 2.5 Direct-Reading Phase Shifter Sales by Application
  - 2.5.1 Global Direct-Reading Phase Shifter Sale Market Share by Application (2018-2023)
  - 2.5.2 Global Direct-Reading Phase Shifter Revenue and Market Share by Application

(2018-2023)

2.5.3 Global Direct-Reading Phase Shifter Sale Price by Application (2018-2023)

### **3 GLOBAL DIRECT-READING PHASE SHIFTER BY COMPANY**

3.1 Global Direct-Reading Phase Shifter Breakdown Data by Company

3.1.1 Global Direct-Reading Phase Shifter Annual Sales by Company (2018-2023)

3.1.2 Global Direct-Reading Phase Shifter Sales Market Share by Company  
(2018-2023)

3.2 Global Direct-Reading Phase Shifter Annual Revenue by Company (2018-2023)

3.2.1 Global Direct-Reading Phase Shifter Revenue by Company (2018-2023)

3.2.2 Global Direct-Reading Phase Shifter Revenue Market Share by Company  
(2018-2023)

3.3 Global Direct-Reading Phase Shifter Sale Price by Company

3.4 Key Manufacturers Direct-Reading Phase Shifter Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Direct-Reading Phase Shifter Product Location Distribution

3.4.2 Players Direct-Reading Phase Shifter Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR DIRECT-READING PHASE SHIFTER BY GEOGRAPHIC REGION**

4.1 World Historic Direct-Reading Phase Shifter Market Size by Geographic Region  
(2018-2023)

4.1.1 Global Direct-Reading Phase Shifter Annual Sales by Geographic Region  
(2018-2023)

4.1.2 Global Direct-Reading Phase Shifter Annual Revenue by Geographic Region  
(2018-2023)

4.2 World Historic Direct-Reading Phase Shifter Market Size by Country/Region  
(2018-2023)

4.2.1 Global Direct-Reading Phase Shifter Annual Sales by Country/Region  
(2018-2023)

4.2.2 Global Direct-Reading Phase Shifter Annual Revenue by Country/Region  
(2018-2023)



- 4.3 Americas Direct-Reading Phase Shifter Sales Growth
- 4.4 APAC Direct-Reading Phase Shifter Sales Growth
- 4.5 Europe Direct-Reading Phase Shifter Sales Growth
- 4.6 Middle East & Africa Direct-Reading Phase Shifter Sales Growth

## **5 AMERICAS**

- 5.1 Americas Direct-Reading Phase Shifter Sales by Country
  - 5.1.1 Americas Direct-Reading Phase Shifter Sales by Country (2018-2023)
  - 5.1.2 Americas Direct-Reading Phase Shifter Revenue by Country (2018-2023)
- 5.2 Americas Direct-Reading Phase Shifter Sales by Type
- 5.3 Americas Direct-Reading Phase Shifter Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

- 6.1 APAC Direct-Reading Phase Shifter Sales by Region
  - 6.1.1 APAC Direct-Reading Phase Shifter Sales by Region (2018-2023)
  - 6.1.2 APAC Direct-Reading Phase Shifter Revenue by Region (2018-2023)
- 6.2 APAC Direct-Reading Phase Shifter Sales by Type
- 6.3 APAC Direct-Reading Phase Shifter Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Direct-Reading Phase Shifter by Country
  - 7.1.1 Europe Direct-Reading Phase Shifter Sales by Country (2018-2023)
  - 7.1.2 Europe Direct-Reading Phase Shifter Revenue by Country (2018-2023)
- 7.2 Europe Direct-Reading Phase Shifter Sales by Type
- 7.3 Europe Direct-Reading Phase Shifter Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

## **8 MIDDLE EAST & AFRICA**

8.1 Middle East & Africa Direct-Reading Phase Shifter by Country

8.1.1 Middle East & Africa Direct-Reading Phase Shifter Sales by Country (2018-2023)

8.1.2 Middle East & Africa Direct-Reading Phase Shifter Revenue by Country (2018-2023)

8.2 Middle East & Africa Direct-Reading Phase Shifter Sales by Type

8.3 Middle East & Africa Direct-Reading Phase Shifter Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Direct-Reading Phase Shifter

10.3 Manufacturing Process Analysis of Direct-Reading Phase Shifter

10.4 Industry Chain Structure of Direct-Reading Phase Shifter

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Direct-Reading Phase Shifter Distributors

### 11.3 Direct-Reading Phase Shifter Customer

## **12 WORLD FORECAST REVIEW FOR DIRECT-READING PHASE SHIFTER BY GEOGRAPHIC REGION**

### 12.1 Global Direct-Reading Phase Shifter Market Size Forecast by Region

#### 12.1.1 Global Direct-Reading Phase Shifter Forecast by Region (2024-2029)

#### 12.1.2 Global Direct-Reading Phase Shifter Annual Revenue Forecast by Region (2024-2029)

### 12.2 Americas Forecast by Country

### 12.3 APAC Forecast by Region

### 12.4 Europe Forecast by Country

### 12.5 Middle East & Africa Forecast by Country

### 12.6 Global Direct-Reading Phase Shifter Forecast by Type

### 12.7 Global Direct-Reading Phase Shifter Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

### 13.1 Antenna & Randome Research Associates

#### 13.1.1 Antenna & Randome Research Associates Company Information

#### 13.1.2 Antenna & Randome Research Associates Direct-Reading Phase Shifter Product Portfolios and Specifications

#### 13.1.3 Antenna & Randome Research Associates Direct-Reading Phase Shifter Sales, Revenue, Price and Gross Margin (2018-2023)

#### 13.1.4 Antenna & Randome Research Associates Main Business Overview

#### 13.1.5 Antenna & Randome Research Associates Latest Developments

### 13.2 Cernex

#### 13.2.1 Cernex Company Information

#### 13.2.2 Cernex Direct-Reading Phase Shifter Product Portfolios and Specifications

#### 13.2.3 Cernex Direct-Reading Phase Shifter Sales, Revenue, Price and Gross Margin (2018-2023)

#### 13.2.4 Cernex Main Business Overview

#### 13.2.5 Cernex Latest Developments

### 13.3 FC EQUIPMENTS

#### 13.3.1 FC EQUIPMENTS Company Information

#### 13.3.2 FC EQUIPMENTS Direct-Reading Phase Shifter Product Portfolios and Specifications

#### 13.3.3 FC EQUIPMENTS Direct-Reading Phase Shifter Sales, Revenue, Price and Gross Margin (2018-2023)

- 13.3.4 FC EQUIPMENTS Main Business Overview
- 13.3.5 FC EQUIPMENTS Latest Developments
- 13.4 Mi-Wave
  - 13.4.1 Mi-Wave Company Information
  - 13.4.2 Mi-Wave Direct-Reading Phase Shifter Product Portfolios and Specifications
  - 13.4.3 Mi-Wave Direct-Reading Phase Shifter Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.4.4 Mi-Wave Main Business Overview
  - 13.4.5 Mi-Wave Latest Developments
- 13.5 Narda-ATM
  - 13.5.1 Narda-ATM Company Information
  - 13.5.2 Narda-ATM Direct-Reading Phase Shifter Product Portfolios and Specifications
  - 13.5.3 Narda-ATM Direct-Reading Phase Shifter Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.5.4 Narda-ATM Main Business Overview
  - 13.5.5 Narda-ATM Latest Developments
- 13.6 NTC Tech
  - 13.6.1 NTC Tech Company Information
  - 13.6.2 NTC Tech Direct-Reading Phase Shifter Product Portfolios and Specifications
  - 13.6.3 NTC Tech Direct-Reading Phase Shifter Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.6.4 NTC Tech Main Business Overview
  - 13.6.5 NTC Tech Latest Developments
- 13.7 QuinStar
  - 13.7.1 QuinStar Company Information
  - 13.7.2 QuinStar Direct-Reading Phase Shifter Product Portfolios and Specifications
  - 13.7.3 QuinStar Direct-Reading Phase Shifter Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.7.4 QuinStar Main Business Overview
  - 13.7.5 QuinStar Latest Developments
- 13.8 Xian Guochuang Electronics
  - 13.8.1 Xian Guochuang Electronics Company Information
  - 13.8.2 Xian Guochuang Electronics Direct-Reading Phase Shifter Product Portfolios and Specifications
  - 13.8.3 Xian Guochuang Electronics Direct-Reading Phase Shifter Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.8.4 Xian Guochuang Electronics Main Business Overview
  - 13.8.5 Xian Guochuang Electronics Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION

## List Of Tables

### LIST OF TABLES

Table 1. Direct-Reading Phase Shifter Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Direct-Reading Phase Shifter Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of 0-360 Degrees

Table 4. Major Players of 0-180 Degrees

Table 5. Major Players of Others

Table 6. Global Direct-Reading Phase Shifter Sales by Type (2018-2023) & (K Units)

Table 7. Global Direct-Reading Phase Shifter Sales Market Share by Type (2018-2023)

Table 8. Global Direct-Reading Phase Shifter Revenue by Type (2018-2023) & (\$ million)

Table 9. Global Direct-Reading Phase Shifter Revenue Market Share by Type (2018-2023)

Table 10. Global Direct-Reading Phase Shifter Sale Price by Type (2018-2023) & (US\$/Unit)

Table 11. Global Direct-Reading Phase Shifter Sales by Application (2018-2023) & (K Units)

Table 12. Global Direct-Reading Phase Shifter Sales Market Share by Application (2018-2023)

Table 13. Global Direct-Reading Phase Shifter Revenue by Application (2018-2023)

Table 14. Global Direct-Reading Phase Shifter Revenue Market Share by Application (2018-2023)

Table 15. Global Direct-Reading Phase Shifter Sale Price by Application (2018-2023) & (US\$/Unit)

Table 16. Global Direct-Reading Phase Shifter Sales by Company (2018-2023) & (K Units)

Table 17. Global Direct-Reading Phase Shifter Sales Market Share by Company (2018-2023)

Table 18. Global Direct-Reading Phase Shifter Revenue by Company (2018-2023) (\$ Millions)

Table 19. Global Direct-Reading Phase Shifter Revenue Market Share by Company (2018-2023)

Table 20. Global Direct-Reading Phase Shifter Sale Price by Company (2018-2023) & (US\$/Unit)

Table 21. Key Manufacturers Direct-Reading Phase Shifter Producing Area Distribution

and Sales Area

Table 22. Players Direct-Reading Phase Shifter Products Offered

Table 23. Direct-Reading Phase Shifter Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global Direct-Reading Phase Shifter Sales by Geographic Region (2018-2023) & (K Units)

Table 27. Global Direct-Reading Phase Shifter Sales Market Share Geographic Region (2018-2023)

Table 28. Global Direct-Reading Phase Shifter Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 29. Global Direct-Reading Phase Shifter Revenue Market Share by Geographic Region (2018-2023)

Table 30. Global Direct-Reading Phase Shifter Sales by Country/Region (2018-2023) & (K Units)

Table 31. Global Direct-Reading Phase Shifter Sales Market Share by Country/Region (2018-2023)

Table 32. Global Direct-Reading Phase Shifter Revenue by Country/Region (2018-2023) & (\$ millions)

Table 33. Global Direct-Reading Phase Shifter Revenue Market Share by Country/Region (2018-2023)

Table 34. Americas Direct-Reading Phase Shifter Sales by Country (2018-2023) & (K Units)

Table 35. Americas Direct-Reading Phase Shifter Sales Market Share by Country (2018-2023)

Table 36. Americas Direct-Reading Phase Shifter Revenue by Country (2018-2023) & (\$ Millions)

Table 37. Americas Direct-Reading Phase Shifter Revenue Market Share by Country (2018-2023)

Table 38. Americas Direct-Reading Phase Shifter Sales by Type (2018-2023) & (K Units)

Table 39. Americas Direct-Reading Phase Shifter Sales by Application (2018-2023) & (K Units)

Table 40. APAC Direct-Reading Phase Shifter Sales by Region (2018-2023) & (K Units)

Table 41. APAC Direct-Reading Phase Shifter Sales Market Share by Region (2018-2023)

Table 42. APAC Direct-Reading Phase Shifter Revenue by Region (2018-2023) & (\$ Millions)

Table 43. APAC Direct-Reading Phase Shifter Revenue Market Share by Region (2018-2023)

Table 44. APAC Direct-Reading Phase Shifter Sales by Type (2018-2023) & (K Units)

Table 45. APAC Direct-Reading Phase Shifter Sales by Application (2018-2023) & (K Units)

Table 46. Europe Direct-Reading Phase Shifter Sales by Country (2018-2023) & (K Units)

Table 47. Europe Direct-Reading Phase Shifter Sales Market Share by Country (2018-2023)

Table 48. Europe Direct-Reading Phase Shifter Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe Direct-Reading Phase Shifter Revenue Market Share by Country (2018-2023)

Table 50. Europe Direct-Reading Phase Shifter Sales by Type (2018-2023) & (K Units)

Table 51. Europe Direct-Reading Phase Shifter Sales by Application (2018-2023) & (K Units)

Table 52. Middle East & Africa Direct-Reading Phase Shifter Sales by Country (2018-2023) & (K Units)

Table 53. Middle East & Africa Direct-Reading Phase Shifter Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa Direct-Reading Phase Shifter Revenue by Country (2018-2023) & (\$ Millions)

Table 55. Middle East & Africa Direct-Reading Phase Shifter Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa Direct-Reading Phase Shifter Sales by Type (2018-2023) & (K Units)

Table 57. Middle East & Africa Direct-Reading Phase Shifter Sales by Application (2018-2023) & (K Units)

Table 58. Key Market Drivers & Growth Opportunities of Direct-Reading Phase Shifter

Table 59. Key Market Challenges & Risks of Direct-Reading Phase Shifter

Table 60. Key Industry Trends of Direct-Reading Phase Shifter

Table 61. Direct-Reading Phase Shifter Raw Material

Table 62. Key Suppliers of Raw Materials

Table 63. Direct-Reading Phase Shifter Distributors List

Table 64. Direct-Reading Phase Shifter Customer List

Table 65. Global Direct-Reading Phase Shifter Sales Forecast by Region (2024-2029) & (K Units)

Table 66. Global Direct-Reading Phase Shifter Revenue Forecast by Region (2024-2029) & (\$ millions)



- Table 67. Americas Direct-Reading Phase Shifter Sales Forecast by Country (2024-2029) & (K Units)
- Table 68. Americas Direct-Reading Phase Shifter Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 69. APAC Direct-Reading Phase Shifter Sales Forecast by Region (2024-2029) & (K Units)
- Table 70. APAC Direct-Reading Phase Shifter Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 71. Europe Direct-Reading Phase Shifter Sales Forecast by Country (2024-2029) & (K Units)
- Table 72. Europe Direct-Reading Phase Shifter Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 73. Middle East & Africa Direct-Reading Phase Shifter Sales Forecast by Country (2024-2029) & (K Units)
- Table 74. Middle East & Africa Direct-Reading Phase Shifter Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 75. Global Direct-Reading Phase Shifter Sales Forecast by Type (2024-2029) & (K Units)
- Table 76. Global Direct-Reading Phase Shifter Revenue Forecast by Type (2024-2029) & (\$ Millions)
- Table 77. Global Direct-Reading Phase Shifter Sales Forecast by Application (2024-2029) & (K Units)
- Table 78. Global Direct-Reading Phase Shifter Revenue Forecast by Application (2024-2029) & (\$ Millions)
- Table 79. Antenna & Randome Research Associates Basic Information, Direct-Reading Phase Shifter Manufacturing Base, Sales Area and Its Competitors
- Table 80. Antenna & Randome Research Associates Direct-Reading Phase Shifter Product Portfolios and Specifications
- Table 81. Antenna & Randome Research Associates Direct-Reading Phase Shifter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 82. Antenna & Randome Research Associates Main Business
- Table 83. Antenna & Randome Research Associates Latest Developments
- Table 84. Cernex Basic Information, Direct-Reading Phase Shifter Manufacturing Base, Sales Area and Its Competitors
- Table 85. Cernex Direct-Reading Phase Shifter Product Portfolios and Specifications
- Table 86. Cernex Direct-Reading Phase Shifter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 87. Cernex Main Business
- Table 88. Cernex Latest Developments

- Table 89. FC EQUIPMENTS Basic Information, Direct-Reading Phase Shifter Manufacturing Base, Sales Area and Its Competitors
- Table 90. FC EQUIPMENTS Direct-Reading Phase Shifter Product Portfolios and Specifications
- Table 91. FC EQUIPMENTS Direct-Reading Phase Shifter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 92. FC EQUIPMENTS Main Business
- Table 93. FC EQUIPMENTS Latest Developments
- Table 94. Mi-Wave Basic Information, Direct-Reading Phase Shifter Manufacturing Base, Sales Area and Its Competitors
- Table 95. Mi-Wave Direct-Reading Phase Shifter Product Portfolios and Specifications
- Table 96. Mi-Wave Direct-Reading Phase Shifter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 97. Mi-Wave Main Business
- Table 98. Mi-Wave Latest Developments
- Table 99. Narda-ATM Basic Information, Direct-Reading Phase Shifter Manufacturing Base, Sales Area and Its Competitors
- Table 100. Narda-ATM Direct-Reading Phase Shifter Product Portfolios and Specifications
- Table 101. Narda-ATM Direct-Reading Phase Shifter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 102. Narda-ATM Main Business
- Table 103. Narda-ATM Latest Developments
- Table 104. NTC Tech Basic Information, Direct-Reading Phase Shifter Manufacturing Base, Sales Area and Its Competitors
- Table 105. NTC Tech Direct-Reading Phase Shifter Product Portfolios and Specifications
- Table 106. NTC Tech Direct-Reading Phase Shifter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 107. NTC Tech Main Business
- Table 108. NTC Tech Latest Developments
- Table 109. QuinStar Basic Information, Direct-Reading Phase Shifter Manufacturing Base, Sales Area and Its Competitors
- Table 110. QuinStar Direct-Reading Phase Shifter Product Portfolios and Specifications
- Table 111. QuinStar Direct-Reading Phase Shifter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)
- Table 112. QuinStar Main Business
- Table 113. QuinStar Latest Developments
- Table 114. Xian Guochuang Electronics Basic Information, Direct-Reading Phase

Shifter Manufacturing Base, Sales Area and Its Competitors

Table 115. Xian Guochuang Electronics Direct-Reading Phase Shifter Product Portfolios and Specifications

Table 116. Xian Guochuang Electronics Direct-Reading Phase Shifter Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 117. Xian Guochuang Electronics Main Business

Table 118. Xian Guochuang Electronics Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Direct-Reading Phase Shifter
- Figure 2. Direct-Reading Phase Shifter Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Direct-Reading Phase Shifter Sales Growth Rate 2018-2029 (K Units)
- Figure 7. Global Direct-Reading Phase Shifter Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Direct-Reading Phase Shifter Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of 0-360 Degrees
- Figure 10. Product Picture of 0-180 Degrees
- Figure 11. Product Picture of Others
- Figure 12. Global Direct-Reading Phase Shifter Sales Market Share by Type in 2022
- Figure 13. Global Direct-Reading Phase Shifter Revenue Market Share by Type (2018-2023)
- Figure 14. Direct-Reading Phase Shifter Consumed in Satellite Communication
- Figure 15. Global Direct-Reading Phase Shifter Market: Satellite Communication (2018-2023) & (K Units)
- Figure 16. Direct-Reading Phase Shifter Consumed in Radar
- Figure 17. Global Direct-Reading Phase Shifter Market: Radar (2018-2023) & (K Units)
- Figure 18. Direct-Reading Phase Shifter Consumed in Mobile Communication
- Figure 19. Global Direct-Reading Phase Shifter Market: Mobile Communication (2018-2023) & (K Units)
- Figure 20. Direct-Reading Phase Shifter Consumed in Others
- Figure 21. Global Direct-Reading Phase Shifter Market: Others (2018-2023) & (K Units)
- Figure 22. Global Direct-Reading Phase Shifter Sales Market Share by Application (2022)
- Figure 23. Global Direct-Reading Phase Shifter Revenue Market Share by Application in 2022
- Figure 24. Direct-Reading Phase Shifter Sales Market by Company in 2022 (K Units)
- Figure 25. Global Direct-Reading Phase Shifter Sales Market Share by Company in 2022
- Figure 26. Direct-Reading Phase Shifter Revenue Market by Company in 2022 (\$ Million)

Figure 27. Global Direct-Reading Phase Shifter Revenue Market Share by Company in 2022

Figure 28. Global Direct-Reading Phase Shifter Sales Market Share by Geographic Region (2018-2023)

Figure 29. Global Direct-Reading Phase Shifter Revenue Market Share by Geographic Region in 2022

Figure 30. Americas Direct-Reading Phase Shifter Sales 2018-2023 (K Units)

Figure 31. Americas Direct-Reading Phase Shifter Revenue 2018-2023 (\$ Millions)

Figure 32. APAC Direct-Reading Phase Shifter Sales 2018-2023 (K Units)

Figure 33. APAC Direct-Reading Phase Shifter Revenue 2018-2023 (\$ Millions)

Figure 34. Europe Direct-Reading Phase Shifter Sales 2018-2023 (K Units)

Figure 35. Europe Direct-Reading Phase Shifter Revenue 2018-2023 (\$ Millions)

Figure 36. Middle East & Africa Direct-Reading Phase Shifter Sales 2018-2023 (K Units)

Figure 37. Middle East & Africa Direct-Reading Phase Shifter Revenue 2018-2023 (\$ Millions)

Figure 38. Americas Direct-Reading Phase Shifter Sales Market Share by Country in 2022

Figure 39. Americas Direct-Reading Phase Shifter Revenue Market Share by Country in 2022

Figure 40. Americas Direct-Reading Phase Shifter Sales Market Share by Type (2018-2023)

Figure 41. Americas Direct-Reading Phase Shifter Sales Market Share by Application (2018-2023)

Figure 42. United States Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 43. Canada Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 44. Mexico Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 45. Brazil Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 46. APAC Direct-Reading Phase Shifter Sales Market Share by Region in 2022

Figure 47. APAC Direct-Reading Phase Shifter Revenue Market Share by Regions in 2022

Figure 48. APAC Direct-Reading Phase Shifter Sales Market Share by Type (2018-2023)

Figure 49. APAC Direct-Reading Phase Shifter Sales Market Share by Application (2018-2023)

Figure 50. China Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 51. Japan Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 52. South Korea Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 53. Southeast Asia Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 54. India Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 55. Australia Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 56. China Taiwan Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 57. Europe Direct-Reading Phase Shifter Sales Market Share by Country in 2022

Figure 58. Europe Direct-Reading Phase Shifter Revenue Market Share by Country in 2022

Figure 59. Europe Direct-Reading Phase Shifter Sales Market Share by Type (2018-2023)

Figure 60. Europe Direct-Reading Phase Shifter Sales Market Share by Application (2018-2023)

Figure 61. Germany Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 62. France Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 63. UK Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 64. Italy Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 65. Russia Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 66. Middle East & Africa Direct-Reading Phase Shifter Sales Market Share by Country in 2022

Figure 67. Middle East & Africa Direct-Reading Phase Shifter Revenue Market Share by Country in 2022

Figure 68. Middle East & Africa Direct-Reading Phase Shifter Sales Market Share by Type (2018-2023)

Figure 69. Middle East & Africa Direct-Reading Phase Shifter Sales Market Share by Application (2018-2023)

Figure 70. Egypt Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 71. South Africa Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 72. Israel Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 73. Turkey Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 74. GCC Country Direct-Reading Phase Shifter Revenue Growth 2018-2023 (\$ Millions)

Figure 75. Manufacturing Cost Structure Analysis of Direct-Reading Phase Shifter in 2022

Figure 76. Manufacturing Process Analysis of Direct-Reading Phase Shifter

Figure 77. Industry Chain Structure of Direct-Reading Phase Shifter

Figure 78. Channels of Distribution

Figure 79. Global Direct-Reading Phase Shifter Sales Market Forecast by Region (2024-2029)

Figure 80. Global Direct-Reading Phase Shifter Revenue Market Share Forecast by Region (2024-2029)

Figure 81. Global Direct-Reading Phase Shifter Sales Market Share Forecast by Type (2024-2029)

Figure 82. Global Direct-Reading Phase Shifter Revenue Market Share Forecast by Type (2024-2029)

Figure 83. Global Direct-Reading Phase Shifter Sales Market Share Forecast by Application (2024-2029)

Figure 84. Global Direct-Reading Phase Shifter Revenue Market Share Forecast by Application (2024-2029)

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