

Global Metal Film Precision Resistors Market Growth 2025-2031

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Abstracts

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The global PPLN Waveguide Chips market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of %from 2025 to 2031.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US\$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US\$142.1 billion, up 17.0% year-on-year, sales in Europe were US\$53.8 billion, up 12.6% year-on-year, and sales in Japan were US\$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US\$336.2 billion, down 2.0% year-on-year.

LP Information, Inc. (LPI) ' newest research report, the "PPLN Waveguide Chips Industry Forecast" looks at past sales and reviews total world PPLN Waveguide Chips sales in 2024, providing a comprehensive analysis by region and market sector of projected PPLN Waveguide Chips sales for 2025 through 2031. With PPLN Waveguide Chips sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world PPLN Waveguide Chips industry.

This Insight Report provides a comprehensive analysis of the global PPLN Waveguide

Chips landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on PPLN Waveguide Chips portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global PPLN Waveguide Chips market.

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

This report presents a comprehensive overview, market shares, and growth opportunities of PPLN Waveguide Chips market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Proton in-diffused (RPE) Waveguides

Ridge-Waveguides

Segmentation by Application:

5G Communication

Big Data Processing

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 analysing the company's coverage, product portfolio, its market penetration.

HC Photonics (HCP)

Covesion

GWU-Lasertechnik

Optilab

Yichidianzi

AdvR

Key Questions Addressed in this Report

What is the 10-year outlook for the global PPLN Waveguide Chips market?

What factors are driving PPLN Waveguide Chips market growth, globally and by region?

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

How do PPLN Waveguide Chips market opportunities vary by end market size?

How does PPLN Waveguide Chips break out by Type, by Application?

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 Metal Film Precision Resistors Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Metal Film Precision Resistors by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Metal Film Precision Resistors by Country/Region, 2020, 2024 & 2031
- 2.2 Metal Film Precision Resistors Segment by Type
 - 2.2.1 Radial
 - 2.2.2 Axial
- 2.3 Metal Film Precision Resistors Sales by Type
 - 2.3.1 Global Metal Film Precision Resistors Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Metal Film Precision Resistors Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Metal Film Precision Resistors Sale Price by Type (2020-2025)
- 2.4 Metal Film Precision Resistors Segment by Application
 - 2.4.1 Consumer Electronics
 - 2.4.2 Industrial
 - 2.4.3 Telecommunication
 - 2.4.4 Medical
 - 2.4.5 Others
- 2.5 Metal Film Precision Resistors Sales by Application
 - 2.5.1 Global Metal Film Precision Resistors Sale Market Share by Application (2020-2025)
 - 2.5.2 Global Metal Film Precision Resistors Revenue and Market Share by Application

(2020-2025)

2.5.3 Global Metal Film Precision Resistors Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Metal Film Precision Resistors Breakdown Data by Company

3.1.1 Global Metal Film Precision Resistors Annual Sales by Company (2020-2025)

3.1.2 Global Metal Film Precision Resistors Sales Market Share by Company

(2020-2025)

3.2 Global Metal Film Precision Resistors Annual Revenue by Company (2020-2025)

3.2.1 Global Metal Film Precision Resistors Revenue by Company (2020-2025)

3.2.2 Global Metal Film Precision Resistors Revenue Market Share by Company

(2020-2025)

3.3 Global Metal Film Precision Resistors Sale Price by Company

3.4 Key Manufacturers Metal Film Precision Resistors Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Metal Film Precision Resistors Product Location Distribution

3.4.2 Players Metal Film Precision Resistors Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR METAL FILM PRECISION RESISTORS BY GEOGRAPHIC REGION

4.1 World Historic Metal Film Precision Resistors Market Size by Geographic Region (2020-2025)

4.1.1 Global Metal Film Precision Resistors Annual Sales by Geographic Region

(2020-2025)

4.1.2 Global Metal Film Precision Resistors Annual Revenue by Geographic Region

(2020-2025)

4.2 World Historic Metal Film Precision Resistors Market Size by Country/Region (2020-2025)

4.2.1 Global Metal Film Precision Resistors Annual Sales by Country/Region

(2020-2025)

4.2.2 Global Metal Film Precision Resistors Annual Revenue by Country/Region

(2020-2025)

- 4.3 Americas Metal Film Precision Resistors Sales Growth
- 4.4 APAC Metal Film Precision Resistors Sales Growth
- 4.5 Europe Metal Film Precision Resistors Sales Growth
- 4.6 Middle East & Africa Metal Film Precision Resistors Sales Growth

5 AMERICAS

- 5.1 Americas Metal Film Precision Resistors Sales by Country
 - 5.1.1 Americas Metal Film Precision Resistors Sales by Country (2020-2025)
 - 5.1.2 Americas Metal Film Precision Resistors Revenue by Country (2020-2025)
- 5.2 Americas Metal Film Precision Resistors Sales by Type (2020-2025)
- 5.3 Americas Metal Film Precision Resistors Sales by Application (2020-2025)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Metal Film Precision Resistors Sales by Region
 - 6.1.1 APAC Metal Film Precision Resistors Sales by Region (2020-2025)
 - 6.1.2 APAC Metal Film Precision Resistors Revenue by Region (2020-2025)
- 6.2 APAC Metal Film Precision Resistors Sales by Type (2020-2025)
- 6.3 APAC Metal Film Precision Resistors Sales by Application (2020-2025)
- 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 Metal Film Precision Resistors by Country
 - 7.1.1 Europe Metal Film Precision Resistors Sales by Country (2020-2025)
 - 7.1.2 Europe Metal Film Precision Resistors Revenue by Country (2020-2025)
- 7.2 Europe Metal Film Precision Resistors Sales by Type (2020-2025)
- 7.3 Europe Metal Film Precision Resistors Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Metal Film Precision Resistors by Country

8.1.1 Middle East & Africa Metal Film Precision Resistors Sales by Country
(2020-2025)

8.1.2 Middle East & Africa Metal Film Precision Resistors Revenue by Country
(2020-2025)

8.2 Middle East & Africa Metal Film Precision Resistors Sales by Type (2020-2025)

8.3 Middle East & Africa Metal Film Precision Resistors Sales by Application
(2020-2025)

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 Metal Film Precision Resistors

10.3 Manufacturing Process Analysis of Metal Film Precision Resistors

10.4 Industry Chain Structure of Metal Film Precision Resistors

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

- 11.1.2 Indirect Channels
- 11.2 Metal Film Precision Resistors Distributors
- 11.3 Metal Film Precision Resistors Customer

12 WORLD FORECAST REVIEW FOR METAL FILM PRECISION RESISTORS BY GEOGRAPHIC REGION

- 12.1 Global Metal Film Precision Resistors Market Size Forecast by Region
 - 12.1.1 Global Metal Film Precision Resistors Forecast by Region (2026-2031)
 - 12.1.2 Global Metal Film Precision Resistors Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global Metal Film Precision Resistors Forecast by Type (2026-2031)
- 12.7 Global Metal Film Precision Resistors Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

- 13.1 Viking
 - 13.1.1 Viking Company Information
 - 13.1.2 Viking Metal Film Precision Resistors Product Portfolios and Specifications
 - 13.1.3 Viking Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.1.4 Viking Main Business Overview
 - 13.1.5 Viking Latest Developments
- 13.2 Riedon
 - 13.2.1 Riedon Company Information
 - 13.2.2 Riedon Metal Film Precision Resistors Product Portfolios and Specifications
 - 13.2.3 Riedon Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.2.4 Riedon Main Business Overview
 - 13.2.5 Riedon Latest Developments
- 13.3 TE Connectivity
 - 13.3.1 TE Connectivity Company Information
 - 13.3.2 TE Connectivity Metal Film Precision Resistors Product Portfolios and Specifications
 - 13.3.3 TE Connectivity Metal Film Precision Resistors Sales, Revenue, Price and

Gross Margin (2020-2025)

13.3.4 TE Connectivity Main Business Overview

13.3.5 TE Connectivity Latest Developments

13.4 Vishay

13.4.1 Vishay Company Information

13.4.2 Vishay Metal Film Precision Resistors Product Portfolios and Specifications

13.4.3 Vishay Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Vishay Main Business Overview

13.4.5 Vishay Latest Developments

13.5 EBG

13.5.1 EBG Company Information

13.5.2 EBG Metal Film Precision Resistors Product Portfolios and Specifications

13.5.3 EBG Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 EBG Main Business Overview

13.5.5 EBG Latest Developments

13.6 FIRSTOHM

13.6.1 FIRSTOHM Company Information

13.6.2 FIRSTOHM Metal Film Precision Resistors Product Portfolios and Specifications

13.6.3 FIRSTOHM Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 FIRSTOHM Main Business Overview

13.6.5 FIRSTOHM Latest Developments

13.7 TT Electronics

13.7.1 TT Electronics Company Information

13.7.2 TT Electronics Metal Film Precision Resistors Product Portfolios and Specifications

13.7.3 TT Electronics Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 TT Electronics Main Business Overview

13.7.5 TT Electronics Latest Developments

13.8 Bourns

13.8.1 Bourns Company Information

13.8.2 Bourns Metal Film Precision Resistors Product Portfolios and Specifications

13.8.3 Bourns Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 Bourns Main Business Overview

13.8.5 Bourns Latest Developments

13.9 Ohmite

13.9.1 Ohmite Company Information

13.9.2 Ohmite Metal Film Precision Resistors Product Portfolios and Specifications

13.9.3 Ohmite Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 Ohmite Main Business Overview

13.9.5 Ohmite Latest Developments

13.10 Arcol

13.10.1 Arcol Company Information

13.10.2 Arcol Metal Film Precision Resistors Product Portfolios and Specifications

13.10.3 Arcol Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 Arcol Main Business Overview

13.10.5 Arcol Latest Developments

13.11 Panasonic

13.11.1 Panasonic Company Information

13.11.2 Panasonic Metal Film Precision Resistors Product Portfolios and Specifications

13.11.3 Panasonic Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)

13.11.4 Panasonic Main Business Overview

13.11.5 Panasonic Latest Developments

13.12 KWK

13.12.1 KWK Company Information

13.12.2 KWK Metal Film Precision Resistors Product Portfolios and Specifications

13.12.3 KWK Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)

13.12.4 KWK Main Business Overview

13.12.5 KWK Latest Developments

13.13 Yageo

13.13.1 Yageo Company Information

13.13.2 Yageo Metal Film Precision Resistors Product Portfolios and Specifications

13.13.3 Yageo Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)

13.13.4 Yageo Main Business Overview

13.13.5 Yageo Latest Developments

13.14 Thunder

13.14.1 Thunder Company Information

- 13.14.2 Thunder Metal Film Precision Resistors Product Portfolios and Specifications
- 13.14.3 Thunder Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.14.4 Thunder Main Business Overview
- 13.14.5 Thunder Latest Developments
- 13.15 MEGATRON
 - 13.15.1 MEGATRON Company Information
 - 13.15.2 MEGATRON Metal Film Precision Resistors Product Portfolios and Specifications
 - 13.15.3 MEGATRON Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.15.4 MEGATRON Main Business Overview
 - 13.15.5 MEGATRON Latest Developments
- 13.16 KOA Speer
 - 13.16.1 KOA Speer Company Information
 - 13.16.2 KOA Speer Metal Film Precision Resistors Product Portfolios and Specifications
 - 13.16.3 KOA Speer Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.16.4 KOA Speer Main Business Overview
 - 13.16.5 KOA Speer Latest Developments
- 13.17 ETI
 - 13.17.1 ETI Company Information
 - 13.17.2 ETI Metal Film Precision Resistors Product Portfolios and Specifications
 - 13.17.3 ETI Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.17.4 ETI Main Business Overview
 - 13.17.5 ETI Latest Developments
- 13.18 Microhm
 - 13.18.1 Microhm Company Information
 - 13.18.2 Microhm Metal Film Precision Resistors Product Portfolios and Specifications
 - 13.18.3 Microhm Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.18.4 Microhm Main Business Overview
 - 13.18.5 Microhm Latest Developments
- 13.19 Direct Electronics
 - 13.19.1 Direct Electronics Company Information
 - 13.19.2 Direct Electronics Metal Film Precision Resistors Product Portfolios and Specifications

13.19.3 Direct Electronics Metal Film Precision Resistors Sales, Revenue, Price and Gross Margin (2020-2025)

13.19.4 Direct Electronics Main Business Overview

13.19.5 Direct Electronics Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Metal Film Precision Resistors Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Metal Film Precision Resistors Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of Radial

Table 4. Major Players of Axial

Table 5. Global Metal Film Precision Resistors Sales by Type (2020-2025) & (K Units)

Table 6. Global Metal Film Precision Resistors Sales Market Share by Type (2020-2025)

Table 7. Global Metal Film Precision Resistors Revenue by Type (2020-2025) & (\$ million)

Table 8. Global Metal Film Precision Resistors Revenue Market Share by Type (2020-2025)

Table 9. Global Metal Film Precision Resistors Sale Price by Type (2020-2025) & (US\$/Unit)

Table 10. Global Metal Film Precision Resistors Sale by Application (2020-2025) & (K Units)

Table 11. Global Metal Film Precision Resistors Sale Market Share by Application (2020-2025)

Table 12. Global Metal Film Precision Resistors Revenue by Application (2020-2025) & (\$ million)

Table 13. Global Metal Film Precision Resistors Revenue Market Share by Application (2020-2025)

Table 14. Global Metal Film Precision Resistors Sale Price by Application (2020-2025) & (US\$/Unit)

Table 15. Global Metal Film Precision Resistors Sales by Company (2020-2025) & (K Units)

Table 16. Global Metal Film Precision Resistors Sales Market Share by Company (2020-2025)

Table 17. Global Metal Film Precision Resistors Revenue by Company (2020-2025) & (\$ millions)

Table 18. Global Metal Film Precision Resistors Revenue Market Share by Company (2020-2025)

Table 19. Global Metal Film Precision Resistors Sale Price by Company (2020-2025) & (US\$/Unit)

Table 20. Key Manufacturers Metal Film Precision Resistors Producing Area Distribution and Sales Area
Table 21. Players Metal Film Precision Resistors Products Offered
Table 22. Metal Film Precision Resistors Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
Table 23. New Products and Potential Entrants
Table 24. Market M&A Activity & Strategy
Table 25. Global Metal Film Precision Resistors Sales by Geographic Region (2020-2025) & (K Units)
Table 26. Global Metal Film Precision Resistors Sales Market Share Geographic Region (2020-2025)
Table 27. Global Metal Film Precision Resistors Revenue by Geographic Region (2020-2025) & (\$ millions)
Table 28. Global Metal Film Precision Resistors Revenue Market Share by Geographic Region (2020-2025)
Table 29. Global Metal Film Precision Resistors Sales by Country/Region (2020-2025) & (K Units)
Table 30. Global Metal Film Precision Resistors Sales Market Share by Country/Region (2020-2025)
Table 31. Global Metal Film Precision Resistors Revenue by Country/Region (2020-2025) & (\$ millions)
Table 32. Global Metal Film Precision Resistors Revenue Market Share by Country/Region (2020-2025)
Table 33. Americas Metal Film Precision Resistors Sales by Country (2020-2025) & (K Units)
Table 34. Americas Metal Film Precision Resistors Sales Market Share by Country (2020-2025)
Table 35. Americas Metal Film Precision Resistors Revenue by Country (2020-2025) & (\$ millions)
Table 36. Americas Metal Film Precision Resistors Sales by Type (2020-2025) & (K Units)
Table 37. Americas Metal Film Precision Resistors Sales by Application (2020-2025) & (K Units)
Table 38. APAC Metal Film Precision Resistors Sales by Region (2020-2025) & (K Units)
Table 39. APAC Metal Film Precision Resistors Sales Market Share by Region (2020-2025)
Table 40. APAC Metal Film Precision Resistors Revenue by Region (2020-2025) & (\$ millions)

Table 41. APAC Metal Film Precision Resistors Sales by Type (2020-2025) & (K Units)
Table 42. APAC Metal Film Precision Resistors Sales by Application (2020-2025) & (K Units)
Table 43. Europe Metal Film Precision Resistors Sales by Country (2020-2025) & (K Units)
Table 44. Europe Metal Film Precision Resistors Revenue by Country (2020-2025) & (\$ millions)
Table 45. Europe Metal Film Precision Resistors Sales by Type (2020-2025) & (K Units)
Table 46. Europe Metal Film Precision Resistors Sales by Application (2020-2025) & (K Units)
Table 47. Middle East & Africa Metal Film Precision Resistors Sales by Country (2020-2025) & (K Units)
Table 48. Middle East & Africa Metal Film Precision Resistors Revenue Market Share by Country (2020-2025)
Table 49. Middle East & Africa Metal Film Precision Resistors Sales by Type (2020-2025) & (K Units)
Table 50. Middle East & Africa Metal Film Precision Resistors Sales by Application (2020-2025) & (K Units)
Table 51. Key Market Drivers & Growth Opportunities of Metal Film Precision Resistors
Table 52. Key Market Challenges & Risks of Metal Film Precision Resistors
Table 53. Key Industry Trends of Metal Film Precision Resistors
Table 54. Metal Film Precision Resistors Raw Material
Table 55. Key Suppliers of Raw Materials
Table 56. Metal Film Precision Resistors Distributors List
Table 57. Metal Film Precision Resistors Customer List
Table 58. Global Metal Film Precision Resistors Sales Forecast by Region (2026-2031) & (K Units)
Table 59. Global Metal Film Precision Resistors Revenue Forecast by Region (2026-2031) & (\$ millions)
Table 60. Americas Metal Film Precision Resistors Sales Forecast by Country (2026-2031) & (K Units)
Table 61. Americas Metal Film Precision Resistors Annual Revenue Forecast by Country (2026-2031) & (\$ millions)
Table 62. APAC Metal Film Precision Resistors Sales Forecast by Region (2026-2031) & (K Units)
Table 63. APAC Metal Film Precision Resistors Annual Revenue Forecast by Region (2026-2031) & (\$ millions)
Table 64. Europe Metal Film Precision Resistors Sales Forecast by Country (2026-2031) & (K Units)

Table 65. Europe Metal Film Precision Resistors Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 66. Middle East & Africa Metal Film Precision Resistors Sales Forecast by Country (2026-2031) & (K Units)

Table 67. Middle East & Africa Metal Film Precision Resistors Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Global Metal Film Precision Resistors Sales Forecast by Type (2026-2031) & (K Units)

Table 69. Global Metal Film Precision Resistors Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 70. Global Metal Film Precision Resistors Sales Forecast by Application (2026-2031) & (K Units)

Table 71. Global Metal Film Precision Resistors Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 72. Viking Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 73. Viking Metal Film Precision Resistors Product Portfolios and Specifications

Table 74. Viking Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 75. Viking Main Business

Table 76. Viking Latest Developments

Table 77. Riedon Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 78. Riedon Metal Film Precision Resistors Product Portfolios and Specifications

Table 79. Riedon Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 80. Riedon Main Business

Table 81. Riedon Latest Developments

Table 82. TE Connectivity Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 83. TE Connectivity Metal Film Precision Resistors Product Portfolios and Specifications

Table 84. TE Connectivity Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 85. TE Connectivity Main Business

Table 86. TE Connectivity Latest Developments

Table 87. Vishay Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 88. Vishay Metal Film Precision Resistors Product Portfolios and Specifications

Table 89. Vishay Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 90. Vishay Main Business

Table 91. Vishay Latest Developments

Table 92. EBG Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 93. EBG Metal Film Precision Resistors Product Portfolios and Specifications

Table 94. EBG Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 95. EBG Main Business

Table 96. EBG Latest Developments

Table 97. FIRSTOHM Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 98. FIRSTOHM Metal Film Precision Resistors Product Portfolios and Specifications

Table 99. FIRSTOHM Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 100. FIRSTOHM Main Business

Table 101. FIRSTOHM Latest Developments

Table 102. TT Electronics Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 103. TT Electronics Metal Film Precision Resistors Product Portfolios and Specifications

Table 104. TT Electronics Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 105. TT Electronics Main Business

Table 106. TT Electronics Latest Developments

Table 107. Bourns Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 108. Bourns Metal Film Precision Resistors Product Portfolios and Specifications

Table 109. Bourns Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 110. Bourns Main Business

Table 111. Bourns Latest Developments

Table 112. Ohmite Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 113. Ohmite Metal Film Precision Resistors Product Portfolios and Specifications

Table 114. Ohmite Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 115. Ohmite Main Business

Table 116. Ohmite Latest Developments

Table 117. Arcol Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 118. Arcol Metal Film Precision Resistors Product Portfolios and Specifications

Table 119. Arcol Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 120. Arcol Main Business

Table 121. Arcol Latest Developments

Table 122. Panasonic Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 123. Panasonic Metal Film Precision Resistors Product Portfolios and Specifications

Table 124. Panasonic Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 125. Panasonic Main Business

Table 126. Panasonic Latest Developments

Table 127. KWK Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 128. KWK Metal Film Precision Resistors Product Portfolios and Specifications

Table 129. KWK Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 130. KWK Main Business

Table 131. KWK Latest Developments

Table 132. Yageo Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 133. Yageo Metal Film Precision Resistors Product Portfolios and Specifications

Table 134. Yageo Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 135. Yageo Main Business

Table 136. Yageo Latest Developments

Table 137. Thunder Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 138. Thunder Metal Film Precision Resistors Product Portfolios and Specifications

Table 139. Thunder Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 140. Thunder Main Business

Table 141. Thunder Latest Developments

Table 142. MEGATRON Basic Information, Metal Film Precision Resistors

Manufacturing Base, Sales Area and Its Competitors

Table 143. MEGATRON Metal Film Precision Resistors Product Portfolios and Specifications

Table 144. MEGATRON Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 145. MEGATRON Main Business

Table 146. MEGATRON Latest Developments

Table 147. KOA Speer Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 148. KOA Speer Metal Film Precision Resistors Product Portfolios and Specifications

Table 149. KOA Speer Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 150. KOA Speer Main Business

Table 151. KOA Speer Latest Developments

Table 152. ETI Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 153. ETI Metal Film Precision Resistors Product Portfolios and Specifications

Table 154. ETI Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 155. ETI Main Business

Table 156. ETI Latest Developments

Table 157. Microhm Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 158. Microhm Metal Film Precision Resistors Product Portfolios and Specifications

Table 159. Microhm Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 160. Microhm Main Business

Table 161. Microhm Latest Developments

Table 162. Direct Electronics Basic Information, Metal Film Precision Resistors Manufacturing Base, Sales Area and Its Competitors

Table 163. Direct Electronics Metal Film Precision Resistors Product Portfolios and Specifications

Table 164. Direct Electronics Metal Film Precision Resistors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 165. Direct Electronics Main Business

Table 166. Direct Electronics Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Metal Film Precision Resistors
- Figure 2. Metal Film Precision Resistors Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Metal Film Precision Resistors Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Metal Film Precision Resistors Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Metal Film Precision Resistors Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Metal Film Precision Resistors Sales Market Share by Country/Region (2024)
- Figure 10. Metal Film Precision Resistors Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Radial
- Figure 12. Product Picture of Axial
- Figure 13. Global Metal Film Precision Resistors Sales Market Share by Type in 2025
- Figure 14. Global Metal Film Precision Resistors Revenue Market Share by Type (2020-2025)
- Figure 15. Metal Film Precision Resistors Consumed in Consumer Electronics
- Figure 16. Global Metal Film Precision Resistors Market: Consumer Electronics (2020-2025) & (K Units)
- Figure 17. Metal Film Precision Resistors Consumed in Industrial
- Figure 18. Global Metal Film Precision Resistors Market: Industrial (2020-2025) & (K Units)
- Figure 19. Metal Film Precision Resistors Consumed in Telecommunication
- Figure 20. Global Metal Film Precision Resistors Market: Telecommunication (2020-2025) & (K Units)
- Figure 21. Metal Film Precision Resistors Consumed in Medical
- Figure 22. Global Metal Film Precision Resistors Market: Medical (2020-2025) & (K Units)
- Figure 23. Metal Film Precision Resistors Consumed in Others
- Figure 24. Global Metal Film Precision Resistors Market: Others (2020-2025) & (K Units)
- Figure 25. Global Metal Film Precision Resistors Sale Market Share by Application (2024)

Figure 26. Global Metal Film Precision Resistors Revenue Market Share by Application in 2025

Figure 27. Metal Film Precision Resistors Sales by Company in 2025 (K Units)

Figure 28. Global Metal Film Precision Resistors Sales Market Share by Company in 2025

Figure 29. Metal Film Precision Resistors Revenue by Company in 2025 (\$ millions)

Figure 30. Global Metal Film Precision Resistors Revenue Market Share by Company in 2025

Figure 31. Global Metal Film Precision Resistors Sales Market Share by Geographic Region (2020-2025)

Figure 32. Global Metal Film Precision Resistors Revenue Market Share by Geographic Region in 2025

Figure 33. Americas Metal Film Precision Resistors Sales 2020-2025 (K Units)

Figure 34. Americas Metal Film Precision Resistors Revenue 2020-2025 (\$ millions)

Figure 35. APAC Metal Film Precision Resistors Sales 2020-2025 (K Units)

Figure 36. APAC Metal Film Precision Resistors Revenue 2020-2025 (\$ millions)

Figure 37. Europe Metal Film Precision Resistors Sales 2020-2025 (K Units)

Figure 38. Europe Metal Film Precision Resistors Revenue 2020-2025 (\$ millions)

Figure 39. Middle East & Africa Metal Film Precision Resistors Sales 2020-2025 (K Units)

Figure 40. Middle East & Africa Metal Film Precision Resistors Revenue 2020-2025 (\$ millions)

Figure 41. Americas Metal Film Precision Resistors Sales Market Share by Country in 2025

Figure 42. Americas Metal Film Precision Resistors Revenue Market Share by Country (2020-2025)

Figure 43. Americas Metal Film Precision Resistors Sales Market Share by Type (2020-2025)

Figure 44. Americas Metal Film Precision Resistors Sales Market Share by Application (2020-2025)

Figure 45. United States Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 46. Canada Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 47. Mexico Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 48. Brazil Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 49. APAC Metal Film Precision Resistors Sales Market Share by Region in 2025

Figure 50. APAC Metal Film Precision Resistors Revenue Market Share by Region

(2020-2025)

Figure 51. APAC Metal Film Precision Resistors Sales Market Share by Type

(2020-2025)

Figure 52. APAC Metal Film Precision Resistors Sales Market Share by Application

(2020-2025)

Figure 53. China Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 54. Japan Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 55. South Korea Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 56. Southeast Asia Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 57. India Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 58. Australia Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 59. China Taiwan Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 60. Europe Metal Film Precision Resistors Sales Market Share by Country in 2025

Figure 61. Europe Metal Film Precision Resistors Revenue Market Share by Country (2020-2025)

Figure 62. Europe Metal Film Precision Resistors Sales Market Share by Type (2020-2025)

Figure 63. Europe Metal Film Precision Resistors Sales Market Share by Application (2020-2025)

Figure 64. Germany Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 65. France Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 66. UK Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 67. Italy Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 68. Russia Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 69. Middle East & Africa Metal Film Precision Resistors Sales Market Share by Country (2020-2025)

Figure 70. Middle East & Africa Metal Film Precision Resistors Sales Market Share by Type (2020-2025)

Figure 71. Middle East & Africa Metal Film Precision Resistors Sales Market Share by

Application (2020-2025)

Figure 72. Egypt Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 73. South Africa Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 74. Israel Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 75. Turkey Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 76. GCC Countries Metal Film Precision Resistors Revenue Growth 2020-2025 (\$ millions)

Figure 77. Manufacturing Cost Structure Analysis of Metal Film Precision Resistors in 2025

Figure 78. Manufacturing Process Analysis of Metal Film Precision Resistors

Figure 79. Industry Chain Structure of Metal Film Precision Resistors

Figure 80. Channels of Distribution

Figure 81. Global Metal Film Precision Resistors Sales Market Forecast by Region (2026-2031)

Figure 82. Global Metal Film Precision Resistors Revenue Market Share Forecast by Region (2026-2031)

Figure 83. Global Metal Film Precision Resistors Sales Market Share Forecast by Type (2026-2031)

Figure 84. Global Metal Film Precision Resistors Revenue Market Share Forecast by Type (2026-2031)

Figure 85. Global Metal Film Precision Resistors Sales Market Share Forecast by Application (2026-2031)

Figure 86. Global Metal Film Precision Resistors Revenue Market Share Forecast by Application (2026-2031)

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