

Global Shortwave Infrared Filter Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GF854A41B30DEN.html>

Date: April 2024

Pages: 116

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

ID: GF854A41B30DEN

Abstracts

According to our (Global Info Research) latest study, the global Shortwave Infrared Filter market size was valued at US\$ million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of %during review period.

This report is a detailed and comprehensive analysis for global Shortwave Infrared Filter market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global Shortwave Infrared Filter market size and forecasts, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pc), 2019-2030

Global Shortwave Infrared Filter market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pc), 2019-2030

Global Shortwave Infrared Filter market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Pcs), and average selling prices (US\$/Pc), 2019-2030

Global Shortwave Infrared Filter market shares of main players, shipments in revenue (\$ Million), sales quantity (K Pcs), and ASP (US\$/Pc), 2019-2024

The Primary Objectives in This Report Are:

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

To assess the growth potential for Shortwave Infrared Filter

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

To assess competitive factors affecting the marketplace

This report profiles key players in the global Shortwave Infrared Filter market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Umicore N.V., Edmund Optics Inc., Jenoptik AG, Andover Corporation, Alkor Technologies, Solaris Optics SA, Syntec Optics, Lattice Materials LLC, LightPath Technologies, Inc., Thorlabs, Inc., etc.

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

Market Segmentation

Shortwave Infrared Filter market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Interference Infrared Filter

Absorptive Infrared Filter

Reflective IR Filter

Market segment by Application

Gas Detection and Environmental Monitoring

Industrial Process Control

Security and Monitoring

Others

Major players covered

Umicore N.V.

Edmund Optics Inc.

Jenoptik AG

Andover Corporation

Alkor Technologies

Solaris Optics SA

Syntec Optics

Lattice Materials LLC

LightPath Technologies, Inc.

Thorlabs, Inc.

Asphericon GmbH

Vortex Optical Coatings Ltd

Wavelength Opto-Electronic (S) Pte Ltd

IRD Ceramics

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

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

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

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

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

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

Chapter 1, to describe Shortwave Infrared Filter product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Shortwave Infrared Filter, with price, sales quantity, revenue, and global market share of Shortwave Infrared Filter from 2019 to 2024.

Chapter 3, the Shortwave Infrared Filter competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Shortwave Infrared Filter breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2019 to 2024. and Shortwave Infrared Filter market forecast, by regions, by Type, and by

Application, with sales and revenue, from 2025 to 2030.

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

Chapter 13, the key raw materials and key suppliers, and industry chain of Shortwave Infrared Filter.

Chapter 14 and 15, to describe Shortwave Infrared Filter sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Shortwave Infrared Filter Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Interference Infrared Filter

1.3.3 Absorptive Infrared Filter

1.3.4 Reflective IR Filter

1.4 Market Analysis by Application

1.4.1 Overview: Global Shortwave Infrared Filter Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Gas Detection and Environmental Monitoring

1.4.3 Industrial Process Control

1.4.4 Security and Monitoring

1.4.5 Others

1.5 Global Shortwave Infrared Filter Market Size & Forecast

1.5.1 Global Shortwave Infrared Filter Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Shortwave Infrared Filter Sales Quantity (2019-2030)

1.5.3 Global Shortwave Infrared Filter Average Price (2019-2030)

2 MANUFACTURERS PROFILES

2.1 Umicore N.V.

2.1.1 Umicore N.V. Details

2.1.2 Umicore N.V. Major Business

2.1.3 Umicore N.V. Shortwave Infrared Filter Product and Services

2.1.4 Umicore N.V. Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Umicore N.V. Recent Developments/Updates

2.2 Edmund Optics Inc.

2.2.1 Edmund Optics Inc. Details

2.2.2 Edmund Optics Inc. Major Business

2.2.3 Edmund Optics Inc. Shortwave Infrared Filter Product and Services

2.2.4 Edmund Optics Inc. Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.2.5 Edmund Optics Inc. Recent Developments/Updates
- 2.3 Jenoptik AG
 - 2.3.1 Jenoptik AG Details
 - 2.3.2 Jenoptik AG Major Business
 - 2.3.3 Jenoptik AG Shortwave Infrared Filter Product and Services
 - 2.3.4 Jenoptik AG Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 Jenoptik AG Recent Developments/Updates
- 2.4 Andover Corporation
 - 2.4.1 Andover Corporation Details
 - 2.4.2 Andover Corporation Major Business
 - 2.4.3 Andover Corporation Shortwave Infrared Filter Product and Services
 - 2.4.4 Andover Corporation Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Andover Corporation Recent Developments/Updates
- 2.5 Alkor Technologies
 - 2.5.1 Alkor Technologies Details
 - 2.5.2 Alkor Technologies Major Business
 - 2.5.3 Alkor Technologies Shortwave Infrared Filter Product and Services
 - 2.5.4 Alkor Technologies Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 Alkor Technologies Recent Developments/Updates
- 2.6 Solaris Optics SA
 - 2.6.1 Solaris Optics SA Details
 - 2.6.2 Solaris Optics SA Major Business
 - 2.6.3 Solaris Optics SA Shortwave Infrared Filter Product and Services
 - 2.6.4 Solaris Optics SA Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Solaris Optics SA Recent Developments/Updates
- 2.7 Syntec Optics
 - 2.7.1 Syntec Optics Details
 - 2.7.2 Syntec Optics Major Business
 - 2.7.3 Syntec Optics Shortwave Infrared Filter Product and Services
 - 2.7.4 Syntec Optics Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.7.5 Syntec Optics Recent Developments/Updates
- 2.8 Lattice Materials LLC
 - 2.8.1 Lattice Materials LLC Details
 - 2.8.2 Lattice Materials LLC Major Business

- 2.8.3 Lattice Materials LLC Shortwave Infrared Filter Product and Services
- 2.8.4 Lattice Materials LLC Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Lattice Materials LLC Recent Developments/Updates
- 2.9 LightPath Technologies, Inc.
 - 2.9.1 LightPath Technologies, Inc. Details
 - 2.9.2 LightPath Technologies, Inc. Major Business
 - 2.9.3 LightPath Technologies, Inc. Shortwave Infrared Filter Product and Services
 - 2.9.4 LightPath Technologies, Inc. Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.9.5 LightPath Technologies, Inc. Recent Developments/Updates
- 2.10 Thorlabs, Inc.
 - 2.10.1 Thorlabs, Inc. Details
 - 2.10.2 Thorlabs, Inc. Major Business
 - 2.10.3 Thorlabs, Inc. Shortwave Infrared Filter Product and Services
 - 2.10.4 Thorlabs, Inc. Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.10.5 Thorlabs, Inc. Recent Developments/Updates
- 2.11 Asphericon GmbH
 - 2.11.1 Asphericon GmbH Details
 - 2.11.2 Asphericon GmbH Major Business
 - 2.11.3 Asphericon GmbH Shortwave Infrared Filter Product and Services
 - 2.11.4 Asphericon GmbH Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.11.5 Asphericon GmbH Recent Developments/Updates
- 2.12 Vortex Optical Coatings Ltd
 - 2.12.1 Vortex Optical Coatings Ltd Details
 - 2.12.2 Vortex Optical Coatings Ltd Major Business
 - 2.12.3 Vortex Optical Coatings Ltd Shortwave Infrared Filter Product and Services
 - 2.12.4 Vortex Optical Coatings Ltd Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.12.5 Vortex Optical Coatings Ltd Recent Developments/Updates
- 2.13 Wavelength Opto-Electronic (S) Pte Ltd
 - 2.13.1 Wavelength Opto-Electronic (S) Pte Ltd Details
 - 2.13.2 Wavelength Opto-Electronic (S) Pte Ltd Major Business
 - 2.13.3 Wavelength Opto-Electronic (S) Pte Ltd Shortwave Infrared Filter Product and Services
 - 2.13.4 Wavelength Opto-Electronic (S) Pte Ltd Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.13.5 Wavelength Opto-Electronic (S) Pte Ltd Recent Developments/Updates
- 2.14 IRD Ceramics
 - 2.14.1 IRD Ceramics Details
 - 2.14.2 IRD Ceramics Major Business
 - 2.14.3 IRD Ceramics Shortwave Infrared Filter Product and Services
 - 2.14.4 IRD Ceramics Shortwave Infrared Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.14.5 IRD Ceramics Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SHORTWAVE INFRARED FILTER BY MANUFACTURER

- 3.1 Global Shortwave Infrared Filter Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Shortwave Infrared Filter Revenue by Manufacturer (2019-2024)
- 3.3 Global Shortwave Infrared Filter Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of Shortwave Infrared Filter by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Shortwave Infrared Filter Manufacturer Market Share in 2023
 - 3.4.3 Top 6 Shortwave Infrared Filter Manufacturer Market Share in 2023
- 3.5 Shortwave Infrared Filter Market: Overall Company Footprint Analysis
 - 3.5.1 Shortwave Infrared Filter Market: Region Footprint
 - 3.5.2 Shortwave Infrared Filter Market: Company Product Type Footprint
 - 3.5.3 Shortwave Infrared Filter Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Shortwave Infrared Filter Market Size by Region
 - 4.1.1 Global Shortwave Infrared Filter Sales Quantity by Region (2019-2030)
 - 4.1.2 Global Shortwave Infrared Filter Consumption Value by Region (2019-2030)
 - 4.1.3 Global Shortwave Infrared Filter Average Price by Region (2019-2030)
- 4.2 North America Shortwave Infrared Filter Consumption Value (2019-2030)
- 4.3 Europe Shortwave Infrared Filter Consumption Value (2019-2030)
- 4.4 Asia-Pacific Shortwave Infrared Filter Consumption Value (2019-2030)
- 4.5 South America Shortwave Infrared Filter Consumption Value (2019-2030)
- 4.6 Middle East & Africa Shortwave Infrared Filter Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Shortwave Infrared Filter Sales Quantity by Type (2019-2030)
- 5.2 Global Shortwave Infrared Filter Consumption Value by Type (2019-2030)
- 5.3 Global Shortwave Infrared Filter Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Shortwave Infrared Filter Sales Quantity by Application (2019-2030)
- 6.2 Global Shortwave Infrared Filter Consumption Value by Application (2019-2030)
- 6.3 Global Shortwave Infrared Filter Average Price by Application (2019-2030)

7 NORTH AMERICA

- 7.1 North America Shortwave Infrared Filter Sales Quantity by Type (2019-2030)
- 7.2 North America Shortwave Infrared Filter Sales Quantity by Application (2019-2030)
- 7.3 North America Shortwave Infrared Filter Market Size by Country
 - 7.3.1 North America Shortwave Infrared Filter Sales Quantity by Country (2019-2030)
 - 7.3.2 North America Shortwave Infrared Filter Consumption Value by Country (2019-2030)
 - 7.3.3 United States Market Size and Forecast (2019-2030)
 - 7.3.4 Canada Market Size and Forecast (2019-2030)
 - 7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

- 8.1 Europe Shortwave Infrared Filter Sales Quantity by Type (2019-2030)
- 8.2 Europe Shortwave Infrared Filter Sales Quantity by Application (2019-2030)
- 8.3 Europe Shortwave Infrared Filter Market Size by Country
 - 8.3.1 Europe Shortwave Infrared Filter Sales Quantity by Country (2019-2030)
 - 8.3.2 Europe Shortwave Infrared Filter Consumption Value by Country (2019-2030)
 - 8.3.3 Germany Market Size and Forecast (2019-2030)
 - 8.3.4 France Market Size and Forecast (2019-2030)
 - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
 - 8.3.6 Russia Market Size and Forecast (2019-2030)
 - 8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Shortwave Infrared Filter Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Shortwave Infrared Filter Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Shortwave Infrared Filter Market Size by Region
 - 9.3.1 Asia-Pacific Shortwave Infrared Filter Sales Quantity by Region (2019-2030)
 - 9.3.2 Asia-Pacific Shortwave Infrared Filter Consumption Value by Region (2019-2030)
 - 9.3.3 China Market Size and Forecast (2019-2030)
 - 9.3.4 Japan Market Size and Forecast (2019-2030)
 - 9.3.5 South Korea Market Size and Forecast (2019-2030)
 - 9.3.6 India Market Size and Forecast (2019-2030)
 - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
 - 9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

- 10.1 South America Shortwave Infrared Filter Sales Quantity by Type (2019-2030)
- 10.2 South America Shortwave Infrared Filter Sales Quantity by Application (2019-2030)
- 10.3 South America Shortwave Infrared Filter Market Size by Country
 - 10.3.1 South America Shortwave Infrared Filter Sales Quantity by Country (2019-2030)
 - 10.3.2 South America Shortwave Infrared Filter Consumption Value by Country (2019-2030)
 - 10.3.3 Brazil Market Size and Forecast (2019-2030)
 - 10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Shortwave Infrared Filter Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Shortwave Infrared Filter Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Shortwave Infrared Filter Market Size by Country
 - 11.3.1 Middle East & Africa Shortwave Infrared Filter Sales Quantity by Country (2019-2030)
 - 11.3.2 Middle East & Africa Shortwave Infrared Filter Consumption Value by Country (2019-2030)
 - 11.3.3 Turkey Market Size and Forecast (2019-2030)
 - 11.3.4 Egypt Market Size and Forecast (2019-2030)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 Shortwave Infrared Filter Market Drivers

12.2 Shortwave Infrared Filter Market Restraints

12.3 Shortwave Infrared Filter Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Shortwave Infrared Filter and Key Manufacturers

13.2 Manufacturing Costs Percentage of Shortwave Infrared Filter

13.3 Shortwave Infrared Filter Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Shortwave Infrared Filter Typical Distributors

14.3 Shortwave Infrared Filter Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Shortwave Infrared Filter Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Shortwave Infrared Filter Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Umicore N.V. Basic Information, Manufacturing Base and Competitors

Table 4. Umicore N.V. Major Business

Table 5. Umicore N.V. Shortwave Infrared Filter Product and Services

Table 6. Umicore N.V. Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Umicore N.V. Recent Developments/Updates

Table 8. Edmund Optics Inc. Basic Information, Manufacturing Base and Competitors

Table 9. Edmund Optics Inc. Major Business

Table 10. Edmund Optics Inc. Shortwave Infrared Filter Product and Services

Table 11. Edmund Optics Inc. Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Edmund Optics Inc. Recent Developments/Updates

Table 13. Jenoptik AG Basic Information, Manufacturing Base and Competitors

Table 14. Jenoptik AG Major Business

Table 15. Jenoptik AG Shortwave Infrared Filter Product and Services

Table 16. Jenoptik AG Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Jenoptik AG Recent Developments/Updates

Table 18. Andover Corporation Basic Information, Manufacturing Base and Competitors

Table 19. Andover Corporation Major Business

Table 20. Andover Corporation Shortwave Infrared Filter Product and Services

Table 21. Andover Corporation Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Andover Corporation Recent Developments/Updates

Table 23. Alkor Technologies Basic Information, Manufacturing Base and Competitors

Table 24. Alkor Technologies Major Business

Table 25. Alkor Technologies Shortwave Infrared Filter Product and Services

Table 26. Alkor Technologies Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

- Table 27. Alkor Technologies Recent Developments/Updates
- Table 28. Solaris Optics SA Basic Information, Manufacturing Base and Competitors
- Table 29. Solaris Optics SA Major Business
- Table 30. Solaris Optics SA Shortwave Infrared Filter Product and Services
- Table 31. Solaris Optics SA Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 32. Solaris Optics SA Recent Developments/Updates
- Table 33. Syntec Optics Basic Information, Manufacturing Base and Competitors
- Table 34. Syntec Optics Major Business
- Table 35. Syntec Optics Shortwave Infrared Filter Product and Services
- Table 36. Syntec Optics Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 37. Syntec Optics Recent Developments/Updates
- Table 38. Lattice Materials LLC Basic Information, Manufacturing Base and Competitors
- Table 39. Lattice Materials LLC Major Business
- Table 40. Lattice Materials LLC Shortwave Infrared Filter Product and Services
- Table 41. Lattice Materials LLC Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 42. Lattice Materials LLC Recent Developments/Updates
- Table 43. LightPath Technologies, Inc. Basic Information, Manufacturing Base and Competitors
- Table 44. LightPath Technologies, Inc. Major Business
- Table 45. LightPath Technologies, Inc. Shortwave Infrared Filter Product and Services
- Table 46. LightPath Technologies, Inc. Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 47. LightPath Technologies, Inc. Recent Developments/Updates
- Table 48. Thorlabs, Inc. Basic Information, Manufacturing Base and Competitors
- Table 49. Thorlabs, Inc. Major Business
- Table 50. Thorlabs, Inc. Shortwave Infrared Filter Product and Services
- Table 51. Thorlabs, Inc. Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 52. Thorlabs, Inc. Recent Developments/Updates
- Table 53. Asphericon GmbH Basic Information, Manufacturing Base and Competitors
- Table 54. Asphericon GmbH Major Business
- Table 55. Asphericon GmbH Shortwave Infrared Filter Product and Services
- Table 56. Asphericon GmbH Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. Asphericon GmbH Recent Developments/Updates

Table 58. Vortex Optical Coatings Ltd Basic Information, Manufacturing Base and Competitors

Table 59. Vortex Optical Coatings Ltd Major Business

Table 60. Vortex Optical Coatings Ltd Shortwave Infrared Filter Product and Services

Table 61. Vortex Optical Coatings Ltd Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. Vortex Optical Coatings Ltd Recent Developments/Updates

Table 63. Wavelength Opto-Electronic (S) Pte Ltd Basic Information, Manufacturing Base and Competitors

Table 64. Wavelength Opto-Electronic (S) Pte Ltd Major Business

Table 65. Wavelength Opto-Electronic (S) Pte Ltd Shortwave Infrared Filter Product and Services

Table 66. Wavelength Opto-Electronic (S) Pte Ltd Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. Wavelength Opto-Electronic (S) Pte Ltd Recent Developments/Updates

Table 68. IRD Ceramics Basic Information, Manufacturing Base and Competitors

Table 69. IRD Ceramics Major Business

Table 70. IRD Ceramics Shortwave Infrared Filter Product and Services

Table 71. IRD Ceramics Shortwave Infrared Filter Sales Quantity (K Pcs), Average Price (US\$/Pc), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 72. IRD Ceramics Recent Developments/Updates

Table 73. Global Shortwave Infrared Filter Sales Quantity by Manufacturer (2019-2024) & (K Pcs)

Table 74. Global Shortwave Infrared Filter Revenue by Manufacturer (2019-2024) & (USD Million)

Table 75. Global Shortwave Infrared Filter Average Price by Manufacturer (2019-2024) & (US\$/Pc)

Table 76. Market Position of Manufacturers in Shortwave Infrared Filter, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2023

Table 77. Head Office and Shortwave Infrared Filter Production Site of Key Manufacturer

Table 78. Shortwave Infrared Filter Market: Company Product Type Footprint

Table 79. Shortwave Infrared Filter Market: Company Product Application Footprint

Table 80. Shortwave Infrared Filter New Market Entrants and Barriers to Market Entry

Table 81. Shortwave Infrared Filter Mergers, Acquisition, Agreements, and Collaborations

Table 82. Global Shortwave Infrared Filter Consumption Value by Region (2019-2023-2030) & (USD Million) & CAGR

Table 83. Global Shortwave Infrared Filter Sales Quantity by Region (2019-2024) & (K Pcs)

Table 84. Global Shortwave Infrared Filter Sales Quantity by Region (2025-2030) & (K Pcs)

Table 85. Global Shortwave Infrared Filter Consumption Value by Region (2019-2024) & (USD Million)

Table 86. Global Shortwave Infrared Filter Consumption Value by Region (2025-2030) & (USD Million)

Table 87. Global Shortwave Infrared Filter Average Price by Region (2019-2024) & (US\$/Pc)

Table 88. Global Shortwave Infrared Filter Average Price by Region (2025-2030) & (US\$/Pc)

Table 89. Global Shortwave Infrared Filter Sales Quantity by Type (2019-2024) & (K Pcs)

Table 90. Global Shortwave Infrared Filter Sales Quantity by Type (2025-2030) & (K Pcs)

Table 91. Global Shortwave Infrared Filter Consumption Value by Type (2019-2024) & (USD Million)

Table 92. Global Shortwave Infrared Filter Consumption Value by Type (2025-2030) & (USD Million)

Table 93. Global Shortwave Infrared Filter Average Price by Type (2019-2024) & (US\$/Pc)

Table 94. Global Shortwave Infrared Filter Average Price by Type (2025-2030) & (US\$/Pc)

Table 95. Global Shortwave Infrared Filter Sales Quantity by Application (2019-2024) & (K Pcs)

Table 96. Global Shortwave Infrared Filter Sales Quantity by Application (2025-2030) & (K Pcs)

Table 97. Global Shortwave Infrared Filter Consumption Value by Application (2019-2024) & (USD Million)

Table 98. Global Shortwave Infrared Filter Consumption Value by Application (2025-2030) & (USD Million)

Table 99. Global Shortwave Infrared Filter Average Price by Application (2019-2024) & (US\$/Pc)

Table 100. Global Shortwave Infrared Filter Average Price by Application (2025-2030) & (US\$/Pc)

Table 101. North America Shortwave Infrared Filter Sales Quantity by Type (2019-2024)

& (K Pcs)

Table 102. North America Shortwave Infrared Filter Sales Quantity by Type (2025-2030)

& (K Pcs)

Table 103. North America Shortwave Infrared Filter Sales Quantity by Application (2019-2024) & (K Pcs)

Table 104. North America Shortwave Infrared Filter Sales Quantity by Application (2025-2030) & (K Pcs)

Table 105. North America Shortwave Infrared Filter Sales Quantity by Country (2019-2024) & (K Pcs)

Table 106. North America Shortwave Infrared Filter Sales Quantity by Country (2025-2030) & (K Pcs)

Table 107. North America Shortwave Infrared Filter Consumption Value by Country (2019-2024) & (USD Million)

Table 108. North America Shortwave Infrared Filter Consumption Value by Country (2025-2030) & (USD Million)

Table 109. Europe Shortwave Infrared Filter Sales Quantity by Type (2019-2024) & (K Pcs)

Table 110. Europe Shortwave Infrared Filter Sales Quantity by Type (2025-2030) & (K Pcs)

Table 111. Europe Shortwave Infrared Filter Sales Quantity by Application (2019-2024) & (K Pcs)

Table 112. Europe Shortwave Infrared Filter Sales Quantity by Application (2025-2030) & (K Pcs)

Table 113. Europe Shortwave Infrared Filter Sales Quantity by Country (2019-2024) & (K Pcs)

Table 114. Europe Shortwave Infrared Filter Sales Quantity by Country (2025-2030) & (K Pcs)

Table 115. Europe Shortwave Infrared Filter Consumption Value by Country (2019-2024) & (USD Million)

Table 116. Europe Shortwave Infrared Filter Consumption Value by Country (2025-2030) & (USD Million)

Table 117. Asia-Pacific Shortwave Infrared Filter Sales Quantity by Type (2019-2024) & (K Pcs)

Table 118. Asia-Pacific Shortwave Infrared Filter Sales Quantity by Type (2025-2030) & (K Pcs)

Table 119. Asia-Pacific Shortwave Infrared Filter Sales Quantity by Application (2019-2024) & (K Pcs)

Table 120. Asia-Pacific Shortwave Infrared Filter Sales Quantity by Application (2025-2030) & (K Pcs)

Table 121. Asia-Pacific Shortwave Infrared Filter Sales Quantity by Region (2019-2024) & (K Pcs)

Table 122. Asia-Pacific Shortwave Infrared Filter Sales Quantity by Region (2025-2030) & (K Pcs)

Table 123. Asia-Pacific Shortwave Infrared Filter Consumption Value by Region (2019-2024) & (USD Million)

Table 124. Asia-Pacific Shortwave Infrared Filter Consumption Value by Region (2025-2030) & (USD Million)

Table 125. South America Shortwave Infrared Filter Sales Quantity by Type (2019-2024) & (K Pcs)

Table 126. South America Shortwave Infrared Filter Sales Quantity by Type (2025-2030) & (K Pcs)

Table 127. South America Shortwave Infrared Filter Sales Quantity by Application (2019-2024) & (K Pcs)

Table 128. South America Shortwave Infrared Filter Sales Quantity by Application (2025-2030) & (K Pcs)

Table 129. South America Shortwave Infrared Filter Sales Quantity by Country (2019-2024) & (K Pcs)

Table 130. South America Shortwave Infrared Filter Sales Quantity by Country (2025-2030) & (K Pcs)

Table 131. South America Shortwave Infrared Filter Consumption Value by Country (2019-2024) & (USD Million)

Table 132. South America Shortwave Infrared Filter Consumption Value by Country (2025-2030) & (USD Million)

Table 133. Middle East & Africa Shortwave Infrared Filter Sales Quantity by Type (2019-2024) & (K Pcs)

Table 134. Middle East & Africa Shortwave Infrared Filter Sales Quantity by Type (2025-2030) & (K Pcs)

Table 135. Middle East & Africa Shortwave Infrared Filter Sales Quantity by Application (2019-2024) & (K Pcs)

Table 136. Middle East & Africa Shortwave Infrared Filter Sales Quantity by Application (2025-2030) & (K Pcs)

Table 137. Middle East & Africa Shortwave Infrared Filter Sales Quantity by Country (2019-2024) & (K Pcs)

Table 138. Middle East & Africa Shortwave Infrared Filter Sales Quantity by Country (2025-2030) & (K Pcs)

Table 139. Middle East & Africa Shortwave Infrared Filter Consumption Value by Country (2019-2024) & (USD Million)

Table 140. Middle East & Africa Shortwave Infrared Filter Consumption Value by

Country (2025-2030) & (USD Million)

Table 141. Shortwave Infrared Filter Raw Material

Table 142. Key Manufacturers of Shortwave Infrared Filter Raw Materials

Table 143. Shortwave Infrared Filter Typical Distributors

Table 144. Shortwave Infrared Filter Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Shortwave Infrared Filter Picture
- Figure 2. Global Shortwave Infrared Filter Revenue by Type, (USD Million), 2019 & 2023 & 2030
- Figure 3. Global Shortwave Infrared Filter Revenue Market Share by Type in 2023
- Figure 4. Interference Infrared Filter Examples
- Figure 5. Absorptive Infrared Filter Examples
- Figure 6. Reflective IR Filter Examples
- Figure 7. Global Shortwave Infrared Filter Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Figure 8. Global Shortwave Infrared Filter Revenue Market Share by Application in 2023
- Figure 9. Gas Detection and Environmental Monitoring Examples
- Figure 10. Industrial Process Control Examples
- Figure 11. Security and Monitoring Examples
- Figure 12. Others Examples
- Figure 13. Global Shortwave Infrared Filter Consumption Value, (USD Million): 2019 & 2023 & 2030
- Figure 14. Global Shortwave Infrared Filter Consumption Value and Forecast (2019-2030) & (USD Million)
- Figure 15. Global Shortwave Infrared Filter Sales Quantity (2019-2030) & (K Pcs)
- Figure 16. Global Shortwave Infrared Filter Price (2019-2030) & (US\$/Pc)
- Figure 17. Global Shortwave Infrared Filter Sales Quantity Market Share by Manufacturer in 2023
- Figure 18. Global Shortwave Infrared Filter Revenue Market Share by Manufacturer in 2023
- Figure 19. Producer Shipments of Shortwave Infrared Filter by Manufacturer Sales (\$MM) and Market Share (%): 2023
- Figure 20. Top 3 Shortwave Infrared Filter Manufacturer (Revenue) Market Share in 2023
- Figure 21. Top 6 Shortwave Infrared Filter Manufacturer (Revenue) Market Share in 2023
- Figure 22. Global Shortwave Infrared Filter Sales Quantity Market Share by Region (2019-2030)
- Figure 23. Global Shortwave Infrared Filter Consumption Value Market Share by Region (2019-2030)
- Figure 24. North America Shortwave Infrared Filter Consumption Value (2019-2030) &

(USD Million)

Figure 25. Europe Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 26. Asia-Pacific Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 27. South America Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 28. Middle East & Africa Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 29. Global Shortwave Infrared Filter Sales Quantity Market Share by Type (2019-2030)

Figure 30. Global Shortwave Infrared Filter Consumption Value Market Share by Type (2019-2030)

Figure 31. Global Shortwave Infrared Filter Average Price by Type (2019-2030) & (US\$/Pc)

Figure 32. Global Shortwave Infrared Filter Sales Quantity Market Share by Application (2019-2030)

Figure 33. Global Shortwave Infrared Filter Revenue Market Share by Application (2019-2030)

Figure 34. Global Shortwave Infrared Filter Average Price by Application (2019-2030) & (US\$/Pc)

Figure 35. North America Shortwave Infrared Filter Sales Quantity Market Share by Type (2019-2030)

Figure 36. North America Shortwave Infrared Filter Sales Quantity Market Share by Application (2019-2030)

Figure 37. North America Shortwave Infrared Filter Sales Quantity Market Share by Country (2019-2030)

Figure 38. North America Shortwave Infrared Filter Consumption Value Market Share by Country (2019-2030)

Figure 39. United States Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 40. Canada Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 41. Mexico Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 42. Europe Shortwave Infrared Filter Sales Quantity Market Share by Type (2019-2030)

Figure 43. Europe Shortwave Infrared Filter Sales Quantity Market Share by Application (2019-2030)

Figure 44. Europe Shortwave Infrared Filter Sales Quantity Market Share by Country (2019-2030)

Figure 45. Europe Shortwave Infrared Filter Consumption Value Market Share by Country (2019-2030)

Figure 46. Germany Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 47. France Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 48. United Kingdom Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 49. Russia Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 50. Italy Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 51. Asia-Pacific Shortwave Infrared Filter Sales Quantity Market Share by Type (2019-2030)

Figure 52. Asia-Pacific Shortwave Infrared Filter Sales Quantity Market Share by Application (2019-2030)

Figure 53. Asia-Pacific Shortwave Infrared Filter Sales Quantity Market Share by Region (2019-2030)

Figure 54. Asia-Pacific Shortwave Infrared Filter Consumption Value Market Share by Region (2019-2030)

Figure 55. China Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 56. Japan Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 57. South Korea Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 58. India Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 59. Southeast Asia Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 60. Australia Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 61. South America Shortwave Infrared Filter Sales Quantity Market Share by Type (2019-2030)

Figure 62. South America Shortwave Infrared Filter Sales Quantity Market Share by Application (2019-2030)

Figure 63. South America Shortwave Infrared Filter Sales Quantity Market Share by

Country (2019-2030)

Figure 64. South America Shortwave Infrared Filter Consumption Value Market Share by Country (2019-2030)

Figure 65. Brazil Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 66. Argentina Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 67. Middle East & Africa Shortwave Infrared Filter Sales Quantity Market Share by Type (2019-2030)

Figure 68. Middle East & Africa Shortwave Infrared Filter Sales Quantity Market Share by Application (2019-2030)

Figure 69. Middle East & Africa Shortwave Infrared Filter Sales Quantity Market Share by Country (2019-2030)

Figure 70. Middle East & Africa Shortwave Infrared Filter Consumption Value Market Share by Country (2019-2030)

Figure 71. Turkey Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 72. Egypt Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 73. Saudi Arabia Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 74. South Africa Shortwave Infrared Filter Consumption Value (2019-2030) & (USD Million)

Figure 75. Shortwave Infrared Filter Market Drivers

Figure 76. Shortwave Infrared Filter Market Restraints

Figure 77. Shortwave Infrared Filter Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Shortwave Infrared Filter in 2023

Figure 80. Manufacturing Process Analysis of Shortwave Infrared Filter

Figure 81. Shortwave Infrared Filter Industrial Chain

Figure 82. Sales Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

I would like to order

Product name: Global Shortwave Infrared Filter Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/GF854A41B30DEN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF854A41B30DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

