

Global Infrared (IR) Optical Filters Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/GE529074EFBEEN.html

Date: February 2023 Pages: 103 Price: US\$ 3,480.00 (Single User License) ID: GE529074EFBEEN

Abstracts

According to our (Global Info Research) latest study, the global Infrared (IR) Optical Filters market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Infrared (IR) Optical Filters 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 2023, are provided.

Key Features:

Global Infrared (IR) Optical Filters market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Infrared (IR) Optical Filters market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Infrared (IR) Optical Filters market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029



Global Infrared (IR) Optical Filters market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

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 Infrared (IR) Optical Filters

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 Infrared (IR) Optical Filters market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Edmund Optics, Envin, Thorlabs, Optometrics and Jenoptik, etc.

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

Market Segmentation

Infrared (IR) Optical Filters 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. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

White Glass (IRCF)

Blue Glass (IRCF)

Resin (IRCF)



Market segment by Application

Smartphone Camera

Single-Lens Reflex Camera

Automotive Camera

Computer Camera

Fluorescence Microscope

Security Camera

Others

Major players covered

Edmund Optics

Envin

Thorlabs

Optometrics

Jenoptik

Hyperion Optics

Newport Corporation

SCHOTT

Zhejiang Quartz Crystal Optoelectronic

Hubei Wufang Photoelectric



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 Infrared (IR) Optical Filters product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Infrared (IR) Optical Filters, with price, sales, revenue and global market share of Infrared (IR) Optical Filters from 2018 to 2023.

Chapter 3, the Infrared (IR) Optical Filters competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Infrared (IR) Optical Filters breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2017 to 2022.and Infrared (IR) Optical Filters market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.



Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Infrared (IR) Optical Filters.

Chapter 14 and 15, to describe Infrared (IR) Optical Filters sales channel, distributors, customers, research findings and conclusion.



Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Infrared (IR) Optical Filters
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
- 1.3.1 Overview: Global Infrared (IR) Optical Filters Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 White Glass (IRCF)
 - 1.3.3 Blue Glass (IRCF)
 - 1.3.4 Resin (IRCF)
- 1.4 Market Analysis by Application

1.4.1 Overview: Global Infrared (IR) Optical Filters Consumption Value by Application:

- 2018 Versus 2022 Versus 2029
 - 1.4.2 Smartphone Camera
 - 1.4.3 Single-Lens Reflex Camera
 - 1.4.4 Automotive Camera
 - 1.4.5 Computer Camera
 - 1.4.6 Fluorescence Microscope
 - 1.4.7 Security Camera
 - 1.4.8 Others
- 1.5 Global Infrared (IR) Optical Filters Market Size & Forecast
- 1.5.1 Global Infrared (IR) Optical Filters Consumption Value (2018 & 2022 & 2029)
- 1.5.2 Global Infrared (IR) Optical Filters Sales Quantity (2018-2029)
- 1.5.3 Global Infrared (IR) Optical Filters Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 Edmund Optics
 - 2.1.1 Edmund Optics Details
 - 2.1.2 Edmund Optics Major Business
 - 2.1.3 Edmund Optics Infrared (IR) Optical Filters Product and Services
 - 2.1.4 Edmund Optics Infrared (IR) Optical Filters Sales Quantity, Average Price,
- Revenue, Gross Margin and Market Share (2018-2023)
- 2.1.5 Edmund Optics Recent Developments/Updates

2.2 Envin

- 2.2.1 Envin Details
- 2.2.2 Envin Major Business



2.2.3 Envin Infrared (IR) Optical Filters Product and Services

2.2.4 Envin Infrared (IR) Optical Filters Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

2.2.5 Envin Recent Developments/Updates

2.3 Thorlabs

- 2.3.1 Thorlabs Details
- 2.3.2 Thorlabs Major Business
- 2.3.3 Thorlabs Infrared (IR) Optical Filters Product and Services
- 2.3.4 Thorlabs Infrared (IR) Optical Filters Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

2.3.5 Thorlabs Recent Developments/Updates

2.4 Optometrics

- 2.4.1 Optometrics Details
- 2.4.2 Optometrics Major Business

2.4.3 Optometrics Infrared (IR) Optical Filters Product and Services

2.4.4 Optometrics Infrared (IR) Optical Filters Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

- 2.4.5 Optometrics Recent Developments/Updates
- 2.5 Jenoptik
 - 2.5.1 Jenoptik Details
 - 2.5.2 Jenoptik Major Business
 - 2.5.3 Jenoptik Infrared (IR) Optical Filters Product and Services
- 2.5.4 Jenoptik Infrared (IR) Optical Filters Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

2.5.5 Jenoptik Recent Developments/Updates

2.6 Hyperion Optics

- 2.6.1 Hyperion Optics Details
- 2.6.2 Hyperion Optics Major Business
- 2.6.3 Hyperion Optics Infrared (IR) Optical Filters Product and Services
- 2.6.4 Hyperion Optics Infrared (IR) Optical Filters Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

- 2.6.5 Hyperion Optics Recent Developments/Updates
- 2.7 Newport Corporation
 - 2.7.1 Newport Corporation Details
 - 2.7.2 Newport Corporation Major Business
 - 2.7.3 Newport Corporation Infrared (IR) Optical Filters Product and Services
- 2.7.4 Newport Corporation Infrared (IR) Optical Filters Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Newport Corporation Recent Developments/Updates



2.8 SCHOTT

2.8.1 SCHOTT Details

2.8.2 SCHOTT Major Business

2.8.3 SCHOTT Infrared (IR) Optical Filters Product and Services

2.8.4 SCHOTT Infrared (IR) Optical Filters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 SCHOTT Recent Developments/Updates

2.9 Zhejiang Quartz Crystal Optoelectronic

2.9.1 Zhejiang Quartz Crystal Optoelectronic Details

2.9.2 Zhejiang Quartz Crystal Optoelectronic Major Business

2.9.3 Zhejiang Quartz Crystal Optoelectronic Infrared (IR) Optical Filters Product and Services

2.9.4 Zhejiang Quartz Crystal Optoelectronic Infrared (IR) Optical Filters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Zhejiang Quartz Crystal Optoelectronic Recent Developments/Updates 2.10 Hubei Wufang Photoelectric

- 2.10.1 Hubei Wufang Photoelectric Details
- 2.10.2 Hubei Wufang Photoelectric Major Business
- 2.10.3 Hubei Wufang Photoelectric Infrared (IR) Optical Filters Product and Services
- 2.10.4 Hubei Wufang Photoelectric Infrared (IR) Optical Filters Sales Quantity,
- Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.10.5 Hubei Wufang Photoelectric Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: INFRARED (IR) OPTICAL FILTERS BY MANUFACTURER

3.1 Global Infrared (IR) Optical Filters Sales Quantity by Manufacturer (2018-2023)

3.2 Global Infrared (IR) Optical Filters Revenue by Manufacturer (2018-2023)

3.3 Global Infrared (IR) Optical Filters Average Price by Manufacturer (2018-2023) 3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Infrared (IR) Optical Filters by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Infrared (IR) Optical Filters Manufacturer Market Share in 2022

3.4.2 Top 6 Infrared (IR) Optical Filters Manufacturer Market Share in 2022

3.5 Infrared (IR) Optical Filters Market: Overall Company Footprint Analysis

3.5.1 Infrared (IR) Optical Filters Market: Region Footprint

3.5.2 Infrared (IR) Optical Filters Market: Company Product Type Footprint

3.5.3 Infrared (IR) Optical Filters 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 Infrared (IR) Optical Filters Market Size by Region
4.1.1 Global Infrared (IR) Optical Filters Sales Quantity by Region (2018-2029)
4.1.2 Global Infrared (IR) Optical Filters Consumption Value by Region (2018-2029)
4.1.3 Global Infrared (IR) Optical Filters Average Price by Region (2018-2029)
4.2 North America Infrared (IR) Optical Filters Consumption Value (2018-2029)
4.3 Europe Infrared (IR) Optical Filters Consumption Value (2018-2029)
4.4 Asia-Pacific Infrared (IR) Optical Filters Consumption Value (2018-2029)
4.5 South America Infrared (IR) Optical Filters Consumption Value (2018-2029)
4.6 Middle East and Africa Infrared (IR) Optical Filters Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Infrared (IR) Optical Filters Sales Quantity by Type (2018-2029)

5.2 Global Infrared (IR) Optical Filters Consumption Value by Type (2018-2029)

5.3 Global Infrared (IR) Optical Filters Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Infrared (IR) Optical Filters Sales Quantity by Application (2018-2029)6.2 Global Infrared (IR) Optical Filters Consumption Value by Application (2018-2029)6.3 Global Infrared (IR) Optical Filters Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Infrared (IR) Optical Filters Sales Quantity by Type (2018-2029)7.2 North America Infrared (IR) Optical Filters Sales Quantity by Application (2018-2029)

7.3 North America Infrared (IR) Optical Filters Market Size by Country

7.3.1 North America Infrared (IR) Optical Filters Sales Quantity by Country (2018-2029)

7.3.2 North America Infrared (IR) Optical Filters Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)



8 EUROPE

- 8.1 Europe Infrared (IR) Optical Filters Sales Quantity by Type (2018-2029)
- 8.2 Europe Infrared (IR) Optical Filters Sales Quantity by Application (2018-2029)
- 8.3 Europe Infrared (IR) Optical Filters Market Size by Country
- 8.3.1 Europe Infrared (IR) Optical Filters Sales Quantity by Country (2018-2029)
- 8.3.2 Europe Infrared (IR) Optical Filters Consumption Value by Country (2018-2029)
- 8.3.3 Germany Market Size and Forecast (2018-2029)
- 8.3.4 France Market Size and Forecast (2018-2029)
- 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
- 8.3.6 Russia Market Size and Forecast (2018-2029)
- 8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Infrared (IR) Optical Filters Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Infrared (IR) Optical Filters Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Infrared (IR) Optical Filters Market Size by Region
 - 9.3.1 Asia-Pacific Infrared (IR) Optical Filters Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Infrared (IR) Optical Filters Consumption Value by Region (2018-2029)

- 9.3.3 China Market Size and Forecast (2018-2029)
- 9.3.4 Japan Market Size and Forecast (2018-2029)
- 9.3.5 Korea Market Size and Forecast (2018-2029)
- 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Infrared (IR) Optical Filters Sales Quantity by Type (2018-2029)10.2 South America Infrared (IR) Optical Filters Sales Quantity by Application (2018-2029)

10.3 South America Infrared (IR) Optical Filters Market Size by Country

10.3.1 South America Infrared (IR) Optical Filters Sales Quantity by Country (2018-2029)

10.3.2 South America Infrared (IR) Optical Filters Consumption Value by Country (2018-2029)



10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Infrared (IR) Optical Filters Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Infrared (IR) Optical Filters Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Infrared (IR) Optical Filters Market Size by Country

11.3.1 Middle East & Africa Infrared (IR) Optical Filters Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Infrared (IR) Optical Filters Consumption Value by Country (2018-2029)

- 11.3.3 Turkey Market Size and Forecast (2018-2029)
- 11.3.4 Egypt Market Size and Forecast (2018-2029)
- 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
- 11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Infrared (IR) Optical Filters Market Drivers

12.2 Infrared (IR) Optical Filters Market Restraints

12.3 Infrared (IR) Optical Filters 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
- 12.5 Influence of COVID-19 and Russia-Ukraine War
 - 12.5.1 Influence of COVID-19
 - 12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Infrared (IR) Optical Filters and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Infrared (IR) Optical Filters
- 13.3 Infrared (IR) Optical Filters Production Process



13.4 Infrared (IR) Optical Filters Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel
14.1.1 Direct to End-User
14.1.2 Distributors
14.2 Infrared (IR) Optical Filters Typical Distributors
14.3 Infrared (IR) Optical Filters 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 Infrared (IR) Optical Filters Consumption Value by Type, (USD Million), 2018 & 2022 & 2029 Table 2. Global Infrared (IR) Optical Filters Consumption Value by Application, (USD Million), 2018 & 2022 & 2029 Table 3. Edmund Optics Basic Information, Manufacturing Base and Competitors Table 4. Edmund Optics Major Business Table 5. Edmund Optics Infrared (IR) Optical Filters Product and Services Table 6. Edmund Optics Infrared (IR) Optical Filters Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 7. Edmund Optics Recent Developments/Updates Table 8. Envin Basic Information, Manufacturing Base and Competitors Table 9. Envin Major Business Table 10. Envin Infrared (IR) Optical Filters Product and Services Table 11. Envin Infrared (IR) Optical Filters Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 12. Envin Recent Developments/Updates Table 13. Thorlabs Basic Information, Manufacturing Base and Competitors Table 14. Thorlabs Major Business Table 15. Thorlabs Infrared (IR) Optical Filters Product and Services Table 16. Thorlabs Infrared (IR) Optical Filters Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 17. Thorlabs Recent Developments/Updates Table 18. Optometrics Basic Information, Manufacturing Base and Competitors Table 19. Optometrics Major Business Table 20. Optometrics Infrared (IR) Optical Filters Product and Services Table 21. Optometrics Infrared (IR) Optical Filters Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 22. Optometrics Recent Developments/Updates Table 23. Jenoptik Basic Information, Manufacturing Base and Competitors Table 24. Jenoptik Major Business Table 25. Jenoptik Infrared (IR) Optical Filters Product and Services Table 26. Jenoptik Infrared (IR) Optical Filters Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 27. Jenoptik Recent Developments/Updates Table 28. Hyperion Optics Basic Information, Manufacturing Base and Competitors



Table 29. Hyperion Optics Major Business

Table 30. Hyperion Optics Infrared (IR) Optical Filters Product and Services

Table 31. Hyperion Optics Infrared (IR) Optical Filters Sales Quantity (K Units), Average

Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Hyperion Optics Recent Developments/Updates

 Table 33. Newport Corporation Basic Information, Manufacturing Base and Competitors

 Table 34. Newport Corporation Maior During Competitors

Table 34. Newport Corporation Major Business

Table 35. Newport Corporation Infrared (IR) Optical Filters Product and Services

Table 36. Newport Corporation Infrared (IR) Optical Filters Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Newport Corporation Recent Developments/Updates

Table 38. SCHOTT Basic Information, Manufacturing Base and Competitors

Table 39. SCHOTT Major Business

Table 40. SCHOTT Infrared (IR) Optical Filters Product and Services

Table 41. SCHOTT Infrared (IR) Optical Filters Sales Quantity (K Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

 Table 42. SCHOTT Recent Developments/Updates

Table 43. Zhejiang Quartz Crystal Optoelectronic Basic Information, Manufacturing Base and Competitors

Table 44. Zhejiang Quartz Crystal Optoelectronic Major Business

Table 45. Zhejiang Quartz Crystal Optoelectronic Infrared (IR) Optical Filters Product and Services

Table 46. Zhejiang Quartz Crystal Optoelectronic Infrared (IR) Optical Filters Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Zhejiang Quartz Crystal Optoelectronic Recent Developments/Updates Table 48. Hubei Wufang Photoelectric Basic Information, Manufacturing Base and Competitors

Table 49. Hubei Wufang Photoelectric Major Business

Table 50. Hubei Wufang Photoelectric Infrared (IR) Optical Filters Product and Services Table 51. Hubei Wufang Photoelectric Infrared (IR) Optical Filters Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

 Table 52. Hubei Wufang Photoelectric Recent Developments/Updates

Table 53. Global Infrared (IR) Optical Filters Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 54. Global Infrared (IR) Optical Filters Revenue by Manufacturer (2018-2023) & (USD Million)



Table 55. Global Infrared (IR) Optical Filters Average Price by Manufacturer (2018-2023) & (US\$/Unit) Table 56. Market Position of Manufacturers in Infrared (IR) Optical Filters, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022 Table 57. Head Office and Infrared (IR) Optical Filters Production Site of Key Manufacturer Table 58. Infrared (IR) Optical Filters Market: Company Product Type Footprint Table 59. Infrared (IR) Optical Filters Market: Company Product Application Footprint Table 60. Infrared (IR) Optical Filters New Market Entrants and Barriers to Market Entry Table 61. Infrared (IR) Optical Filters Mergers, Acquisition, Agreements, and Collaborations Table 62. Global Infrared (IR) Optical Filters Sales Quantity by Region (2018-2023) & (K Units) Table 63. Global Infrared (IR) Optical Filters Sales Quantity by Region (2024-2029) & (K Units) Table 64. Global Infrared (IR) Optical Filters Consumption Value by Region (2018-2023) & (USD Million) Table 65. Global Infrared (IR) Optical Filters Consumption Value by Region (2024-2029) & (USD Million) Table 66. Global Infrared (IR) Optical Filters Average Price by Region (2018-2023) & (US\$/Unit) Table 67. Global Infrared (IR) Optical Filters Average Price by Region (2024-2029) & (US\$/Unit) Table 68. Global Infrared (IR) Optical Filters Sales Quantity by Type (2018-2023) & (K Units) Table 69. Global Infrared (IR) Optical Filters Sales Quantity by Type (2024-2029) & (K Units) Table 70. Global Infrared (IR) Optical Filters Consumption Value by Type (2018-2023) & (USD Million) Table 71. Global Infrared (IR) Optical Filters Consumption Value by Type (2024-2029) & (USD Million) Table 72. Global Infrared (IR) Optical Filters Average Price by Type (2018-2023) & (US\$/Unit) Table 73. Global Infrared (IR) Optical Filters Average Price by Type (2024-2029) & (US\$/Unit) Table 74. Global Infrared (IR) Optical Filters Sales Quantity by Application (2018-2023) & (K Units) Table 75. Global Infrared (IR) Optical Filters Sales Quantity by Application (2024-2029) & (K Units)



Table 76. Global Infrared (IR) Optical Filters Consumption Value by Application (2018-2023) & (USD Million)

Table 77. Global Infrared (IR) Optical Filters Consumption Value by Application (2024-2029) & (USD Million)

Table 78. Global Infrared (IR) Optical Filters Average Price by Application (2018-2023) & (US\$/Unit)

Table 79. Global Infrared (IR) Optical Filters Average Price by Application (2024-2029) & (US\$/Unit)

Table 80. North America Infrared (IR) Optical Filters Sales Quantity by Type (2018-2023) & (K Units)

Table 81. North America Infrared (IR) Optical Filters Sales Quantity by Type (2024-2029) & (K Units)

Table 82. North America Infrared (IR) Optical Filters Sales Quantity by Application (2018-2023) & (K Units)

Table 83. North America Infrared (IR) Optical Filters Sales Quantity by Application (2024-2029) & (K Units)

Table 84. North America Infrared (IR) Optical Filters Sales Quantity by Country (2018-2023) & (K Units)

Table 85. North America Infrared (IR) Optical Filters Sales Quantity by Country (2024-2029) & (K Units)

Table 86. North America Infrared (IR) Optical Filters Consumption Value by Country (2018-2023) & (USD Million)

Table 87. North America Infrared (IR) Optical Filters Consumption Value by Country (2024-2029) & (USD Million)

Table 88. Europe Infrared (IR) Optical Filters Sales Quantity by Type (2018-2023) & (K Units)

Table 89. Europe Infrared (IR) Optical Filters Sales Quantity by Type (2024-2029) & (K Units)

Table 90. Europe Infrared (IR) Optical Filters Sales Quantity by Application (2018-2023) & (K Units)

Table 91. Europe Infrared (IR) Optical Filters Sales Quantity by Application (2024-2029) & (K Units)

Table 92. Europe Infrared (IR) Optical Filters Sales Quantity by Country (2018-2023) & (K Units)

Table 93. Europe Infrared (IR) Optical Filters Sales Quantity by Country (2024-2029) & (K Units)

Table 94. Europe Infrared (IR) Optical Filters Consumption Value by Country (2018-2023) & (USD Million)

Table 95. Europe Infrared (IR) Optical Filters Consumption Value by Country



(2024-2029) & (USD Million)

Table 96. Asia-Pacific Infrared (IR) Optical Filters Sales Quantity by Type (2018-2023) & (K Units)

Table 97. Asia-Pacific Infrared (IR) Optical Filters Sales Quantity by Type (2024-2029) & (K Units)

Table 98. Asia-Pacific Infrared (IR) Optical Filters Sales Quantity by Application (2018-2023) & (K Units)

Table 99. Asia-Pacific Infrared (IR) Optical Filters Sales Quantity by Application (2024-2029) & (K Units)

Table 100. Asia-Pacific Infrared (IR) Optical Filters Sales Quantity by Region (2018-2023) & (K Units)

Table 101. Asia-Pacific Infrared (IR) Optical Filters Sales Quantity by Region (2024-2029) & (K Units)

Table 102. Asia-Pacific Infrared (IR) Optical Filters Consumption Value by Region(2018-2023) & (USD Million)

Table 103. Asia-Pacific Infrared (IR) Optical Filters Consumption Value by Region (2024-2029) & (USD Million)

Table 104. South America Infrared (IR) Optical Filters Sales Quantity by Type (2018-2023) & (K Units)

Table 105. South America Infrared (IR) Optical Filters Sales Quantity by Type (2024-2029) & (K Units)

Table 106. South America Infrared (IR) Optical Filters Sales Quantity by Application (2018-2023) & (K Units)

Table 107. South America Infrared (IR) Optical Filters Sales Quantity by Application (2024-2029) & (K Units)

Table 108. South America Infrared (IR) Optical Filters Sales Quantity by Country (2018-2023) & (K Units)

Table 109. South America Infrared (IR) Optical Filters Sales Quantity by Country (2024-2029) & (K Units)

Table 110. South America Infrared (IR) Optical Filters Consumption Value by Country (2018-2023) & (USD Million)

Table 111. South America Infrared (IR) Optical Filters Consumption Value by Country (2024-2029) & (USD Million)

Table 112. Middle East & Africa Infrared (IR) Optical Filters Sales Quantity by Type (2018-2023) & (K Units)

Table 113. Middle East & Africa Infrared (IR) Optical Filters Sales Quantity by Type (2024-2029) & (K Units)

Table 114. Middle East & Africa Infrared (IR) Optical Filters Sales Quantity by Application (2018-2023) & (K Units)



Table 115. Middle East & Africa Infrared (IR) Optical Filters Sales Quantity by Application (2024-2029) & (K Units)

Table 116. Middle East & Africa Infrared (IR) Optical Filters Sales Quantity by Region (2018-2023) & (K Units)

Table 117. Middle East & Africa Infrared (IR) Optical Filters Sales Quantity by Region (2024-2029) & (K Units)

Table 118. Middle East & Africa Infrared (IR) Optical Filters Consumption Value by Region (2018-2023) & (USD Million)

Table 119. Middle East & Africa Infrared (IR) Optical Filters Consumption Value by Region (2024-2029) & (USD Million)

Table 120. Infrared (IR) Optical Filters Raw Material

Table 121. Key Manufacturers of Infrared (IR) Optical Filters Raw Materials

Table 122. Infrared (IR) Optical Filters Typical Distributors

Table 123. Infrared (IR) Optical Filters Typical Customers



List Of Figures

LIST OF FIGURES

Figure 1. Infrared (IR) Optical Filters Picture

Figure 2. Global Infrared (IR) Optical Filters Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Infrared (IR) Optical Filters Consumption Value Market Share by Type in 2022

Figure 4. White Glass (IRCF) Examples

Figure 5. Blue Glass (IRCF) Examples

Figure 6. Resin (IRCF) Examples

Figure 7. Global Infrared (IR) Optical Filters Consumption Value by Application, (USD

Million), 2018 & 2022 & 2029

Figure 8. Global Infrared (IR) Optical Filters Consumption Value Market Share by Application in 2022

Figure 9. Smartphone Camera Examples

Figure 10. Single-Lens Reflex Camera Examples

Figure 11. Automotive Camera Examples

Figure 12. Computer Camera Examples

Figure 13. Fluorescence Microscope Examples

Figure 14. Security Camera Examples

Figure 15. Others Examples

Figure 16. Global Infrared (IR) Optical Filters Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 17. Global Infrared (IR) Optical Filters Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 18. Global Infrared (IR) Optical Filters Sales Quantity (2018-2029) & (K Units)

Figure 19. Global Infrared (IR) Optical Filters Average Price (2018-2029) & (US\$/Unit)

Figure 20. Global Infrared (IR) Optical Filters Sales Quantity Market Share by Manufacturer in 2022

Figure 21. Global Infrared (IR) Optical Filters Consumption Value Market Share by Manufacturer in 2022

Figure 22. Producer Shipments of Infrared (IR) Optical Filters by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 23. Top 3 Infrared (IR) Optical Filters Manufacturer (Consumption Value) Market Share in 2022

Figure 24. Top 6 Infrared (IR) Optical Filters Manufacturer (Consumption Value) Market Share in 2022



Figure 25. Global Infrared (IR) Optical Filters Sales Quantity Market Share by Region (2018-2029)

Figure 26. Global Infrared (IR) Optical Filters Consumption Value Market Share by Region (2018-2029)

Figure 27. North America Infrared (IR) Optical Filters Consumption Value (2018-2029) & (USD Million)

Figure 28. Europe Infrared (IR) Optical Filters Consumption Value (2018-2029) & (USD Million)

Figure 29. Asia-Pacific Infrared (IR) Optical Filters Consumption Value (2018-2029) & (USD Million)

Figure 30. South America Infrared (IR) Optical Filters Consumption Value (2018-2029) & (USD Million)

Figure 31. Middle East & Africa Infrared (IR) Optical Filters Consumption Value (2018-2029) & (USD Million)

Figure 32. Global Infrared (IR) Optical Filters Sales Quantity Market Share by Type (2018-2029)

Figure 33. Global Infrared (IR) Optical Filters Consumption Value Market Share by Type (2018-2029)

Figure 34. Global Infrared (IR) Optical Filters Average Price by Type (2018-2029) & (US\$/Unit)

Figure 35. Global Infrared (IR) Optical Filters Sales Quantity Market Share by Application (2018-2029)

Figure 36. Global Infrared (IR) Optical Filters Consumption Value Market Share by Application (2018-2029)

Figure 37. Global Infrared (IR) Optical Filters Average Price by Application (2018-2029) & (US\$/Unit)

Figure 38. North America Infrared (IR) Optical Filters Sales Quantity Market Share by Type (2018-2029)

Figure 39. North America Infrared (IR) Optical Filters Sales Quantity Market Share by Application (2018-2029)

Figure 40. North America Infrared (IR) Optical Filters Sales Quantity Market Share by Country (2018-2029)

Figure 41. North America Infrared (IR) Optical Filters Consumption Value Market Share by Country (2018-2029)

Figure 42. United States Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Canada Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Mexico Infrared (IR) Optical Filters Consumption Value and Growth Rate



(2018-2029) & (USD Million)

Figure 45. Europe Infrared (IR) Optical Filters Sales Quantity Market Share by Type (2018-2029)

Figure 46. Europe Infrared (IR) Optical Filters Sales Quantity Market Share by Application (2018-2029)

Figure 47. Europe Infrared (IR) Optical Filters Sales Quantity Market Share by Country (2018-2029)

Figure 48. Europe Infrared (IR) Optical Filters Consumption Value Market Share by Country (2018-2029)

Figure 49. Germany Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. France Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. United Kingdom Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Russia Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Italy Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Asia-Pacific Infrared (IR) Optical Filters Sales Quantity Market Share by Type (2018-2029)

Figure 55. Asia-Pacific Infrared (IR) Optical Filters Sales Quantity Market Share by Application (2018-2029)

Figure 56. Asia-Pacific Infrared (IR) Optical Filters Sales Quantity Market Share by Region (2018-2029)

Figure 57. Asia-Pacific Infrared (IR) Optical Filters Consumption Value Market Share by Region (2018-2029)

Figure 58. China Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Japan Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Korea Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. India Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Southeast Asia Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. Australia Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)



Figure 64. South America Infrared (IR) Optical Filters Sales Quantity Market Share by Type (2018-2029)

Figure 65. South America Infrared (IR) Optical Filters Sales Quantity Market Share by Application (2018-2029)

Figure 66. South America Infrared (IR) Optical Filters Sales Quantity Market Share by Country (2018-2029)

Figure 67. South America Infrared (IR) Optical Filters Consumption Value Market Share by Country (2018-2029)

Figure 68. Brazil Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Argentina Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Middle East & Africa Infrared (IR) Optical Filters Sales Quantity Market Share by Type (2018-2029)

Figure 71. Middle East & Africa Infrared (IR) Optical Filters Sales Quantity Market Share by Application (2018-2029)

Figure 72. Middle East & Africa Infrared (IR) Optical Filters Sales Quantity Market Share by Region (2018-2029)

Figure 73. Middle East & Africa Infrared (IR) Optical Filters Consumption Value Market Share by Region (2018-2029)

Figure 74. Turkey Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Egypt Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. Saudi Arabia Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. South Africa Infrared (IR) Optical Filters Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 78. Infrared (IR) Optical Filters Market Drivers

Figure 79. Infrared (IR) Optical Filters Market Restraints

Figure 80. Infrared (IR) Optical Filters Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of Infrared (IR) Optical Filters in 2022

- Figure 83. Manufacturing Process Analysis of Infrared (IR) Optical Filters
- Figure 84. Infrared (IR) Optical Filters Industrial Chain
- Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors
- Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Global Infrared (IR) Optical Filters Market 2023 by Manufacturers, Regions, Type and Application, Forecast to...



Figure 89. Research Process and Data Source



I would like to order

Product name: Global Infrared (IR) Optical Filters Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: https://marketpublishers.com/r/GE529074EFBEEN.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/GE529074EFBEEN.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

Custumer 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



Global Infrared (IR) Optical Filters Market 2023 by Manufacturers, Regions, Type and Application, Forecast to...