

# Global Single Frequency Infrared Laser Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/GCB6267A6B3FEN.html>

Date: July 2023

Pages: 100

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

ID: GCB6267A6B3FEN

## Abstracts

According to our (Global Info Research) latest study, the global Single Frequency Infrared Laser 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.

Single Frequency Infrared Laser refers to an infrared laser that can stably generate a single frequency and good monochromaticity. Its wavelength is generally in the range of 800-2500 nanometers, and materials such as Nd:YAG, Nd:YVO4, Ti:Sapphire and DFB lasers are usually used as active media.

This report is a detailed and comprehensive analysis for global Single Frequency Infrared Laser 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 Single Frequency Infrared Laser market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Single Frequency Infrared Laser 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 Single Frequency Infrared Laser 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 Single Frequency Infrared Laser 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 Single Frequency Infrared Laser

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 Single Frequency Infrared Laser 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 RPMC Lasers, Inc., H?BNER PHOTONICS, Edmund Optics, NP Photonics and Sintec Optronics, 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

Single Frequency Infrared Laser 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

Single Mode Lasers

Multimode Lasers

#### Market segment by Application

Biomedical Science

Optical Instruments

Communications

Others

#### Major players covered

RPMC Lasers, Inc.

H?BNER PHOTONICS

Edmund Optics

NP Photonics

Sintec Optronics

MPB Communications

Changchun New Industries Optoelectronics Tech. Co., Ltd.

Laser-compact

CrystaLaser

LD-PD

NKT Photonics

HT Laser

Lumentum

Coherent

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 Single Frequency Infrared Laser product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Single Frequency Infrared Laser, with price, sales, revenue and global market share of Single Frequency Infrared Laser from 2018 to 2023.

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

Chapter 4, the Single Frequency Infrared Laser 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 Single Frequency Infrared Laser 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 Single Frequency Infrared Laser.

Chapter 14 and 15, to describe Single Frequency Infrared Laser sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of Single Frequency Infrared Laser

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Single Frequency Infrared Laser Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Single Mode Lasers

1.3.3 Multimode Lasers

1.4 Market Analysis by Application

1.4.1 Overview: Global Single Frequency Infrared Laser Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Biomedical Science

1.4.3 Optical Instruments

1.4.4 Communications

1.4.5 Others

1.5 Global Single Frequency Infrared Laser Market Size & Forecast

1.5.1 Global Single Frequency Infrared Laser Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Single Frequency Infrared Laser Sales Quantity (2018-2029)

1.5.3 Global Single Frequency Infrared Laser Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

2.1 RPMC Lasers, Inc.

2.1.1 RPMC Lasers, Inc. Details

2.1.2 RPMC Lasers, Inc. Major Business

2.1.3 RPMC Lasers, Inc. Single Frequency Infrared Laser Product and Services

2.1.4 RPMC Lasers, Inc. Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 RPMC Lasers, Inc. Recent Developments/Updates

2.2 H?BNER PHOTONICS

2.2.1 H?BNER PHOTONICS Details

2.2.2 H?BNER PHOTONICS Major Business

2.2.3 H?BNER PHOTONICS Single Frequency Infrared Laser Product and Services

2.2.4 H?BNER PHOTONICS Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.2.5 H?BNER PHOTONICS Recent Developments/Updates
- 2.3 Edmund Optics
  - 2.3.1 Edmund Optics Details
  - 2.3.2 Edmund Optics Major Business
  - 2.3.3 Edmund Optics Single Frequency Infrared Laser Product and Services
  - 2.3.4 Edmund Optics Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.3.5 Edmund Optics Recent Developments/Updates
- 2.4 NP Photonics
  - 2.4.1 NP Photonics Details
  - 2.4.2 NP Photonics Major Business
  - 2.4.3 NP Photonics Single Frequency Infrared Laser Product and Services
  - 2.4.4 NP Photonics Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.4.5 NP Photonics Recent Developments/Updates
- 2.5 Sintec Optronics
  - 2.5.1 Sintec Optronics Details
  - 2.5.2 Sintec Optronics Major Business
  - 2.5.3 Sintec Optronics Single Frequency Infrared Laser Product and Services
  - 2.5.4 Sintec Optronics Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.5.5 Sintec Optronics Recent Developments/Updates
- 2.6 MPB Communications
  - 2.6.1 MPB Communications Details
  - 2.6.2 MPB Communications Major Business
  - 2.6.3 MPB Communications Single Frequency Infrared Laser Product and Services
  - 2.6.4 MPB Communications Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.6.5 MPB Communications Recent Developments/Updates
- 2.7 Changchun New Industries Optoelectronics Tech. Co., Ltd.
  - 2.7.1 Changchun New Industries Optoelectronics Tech. Co., Ltd. Details
  - 2.7.2 Changchun New Industries Optoelectronics Tech. Co., Ltd. Major Business
  - 2.7.3 Changchun New Industries Optoelectronics Tech. Co., Ltd. Single Frequency Infrared Laser Product and Services
  - 2.7.4 Changchun New Industries Optoelectronics Tech. Co., Ltd. Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.7.5 Changchun New Industries Optoelectronics Tech. Co., Ltd. Recent Developments/Updates

## 2.8 Laser-compact

### 2.8.1 Laser-compact Details

### 2.8.2 Laser-compact Major Business

### 2.8.3 Laser-compact Single Frequency Infrared Laser Product and Services

### 2.8.4 Laser-compact Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.8.5 Laser-compact Recent Developments/Updates

## 2.9 CrystaLaser

### 2.9.1 CrystaLaser Details

### 2.9.2 CrystaLaser Major Business

### 2.9.3 CrystaLaser Single Frequency Infrared Laser Product and Services

### 2.9.4 CrystaLaser Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.9.5 CrystaLaser Recent Developments/Updates

## 2.10 LD-PD

### 2.10.1 LD-PD Details

### 2.10.2 LD-PD Major Business

### 2.10.3 LD-PD Single Frequency Infrared Laser Product and Services

### 2.10.4 LD-PD Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.10.5 LD-PD Recent Developments/Updates

## 2.11 NKT Photonics

### 2.11.1 NKT Photonics Details

### 2.11.2 NKT Photonics Major Business

### 2.11.3 NKT Photonics Single Frequency Infrared Laser Product and Services

### 2.11.4 NKT Photonics Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.11.5 NKT Photonics Recent Developments/Updates

## 2.12 HT Laser

### 2.12.1 HT Laser Details

### 2.12.2 HT Laser Major Business

### 2.12.3 HT Laser Single Frequency Infrared Laser Product and Services

### 2.12.4 HT Laser Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

### 2.12.5 HT Laser Recent Developments/Updates

## 2.13 Lumentum

### 2.13.1 Lumentum Details

### 2.13.2 Lumentum Major Business

### 2.13.3 Lumentum Single Frequency Infrared Laser Product and Services



2.13.4 Lumentum Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Lumentum Recent Developments/Updates

2.14 Coherent

2.14.1 Coherent Details

2.14.2 Coherent Major Business

2.14.3 Coherent Single Frequency Infrared Laser Product and Services

2.14.4 Coherent Single Frequency Infrared Laser Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Coherent Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: SINGLE FREQUENCY INFRARED LASER BY MANUFACTURER**

3.1 Global Single Frequency Infrared Laser Sales Quantity by Manufacturer (2018-2023)

3.2 Global Single Frequency Infrared Laser Revenue by Manufacturer (2018-2023)

3.3 Global Single Frequency Infrared Laser Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Single Frequency Infrared Laser by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Single Frequency Infrared Laser Manufacturer Market Share in 2022

3.4.2 Top 6 Single Frequency Infrared Laser Manufacturer Market Share in 2022

3.5 Single Frequency Infrared Laser Market: Overall Company Footprint Analysis

3.5.1 Single Frequency Infrared Laser Market: Region Footprint

3.5.2 Single Frequency Infrared Laser Market: Company Product Type Footprint

3.5.3 Single Frequency Infrared Laser 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 Single Frequency Infrared Laser Market Size by Region

4.1.1 Global Single Frequency Infrared Laser Sales Quantity by Region (2018-2029)

4.1.2 Global Single Frequency Infrared Laser Consumption Value by Region (2018-2029)

4.1.3 Global Single Frequency Infrared Laser Average Price by Region (2018-2029)

4.2 North America Single Frequency Infrared Laser Consumption Value (2018-2029)

4.3 Europe Single Frequency Infrared Laser Consumption Value (2018-2029)

- 4.4 Asia-Pacific Single Frequency Infrared Laser Consumption Value (2018-2029)
- 4.5 South America Single Frequency Infrared Laser Consumption Value (2018-2029)
- 4.6 Middle East and Africa Single Frequency Infrared Laser Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Single Frequency Infrared Laser Sales Quantity by Type (2018-2029)
- 5.2 Global Single Frequency Infrared Laser Consumption Value by Type (2018-2029)
- 5.3 Global Single Frequency Infrared Laser Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Single Frequency Infrared Laser Sales Quantity by Application (2018-2029)
- 6.2 Global Single Frequency Infrared Laser Consumption Value by Application (2018-2029)
- 6.3 Global Single Frequency Infrared Laser Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

- 7.1 North America Single Frequency Infrared Laser Sales Quantity by Type (2018-2029)
- 7.2 North America Single Frequency Infrared Laser Sales Quantity by Application (2018-2029)
- 7.3 North America Single Frequency Infrared Laser Market Size by Country
  - 7.3.1 North America Single Frequency Infrared Laser Sales Quantity by Country (2018-2029)
  - 7.3.2 North America Single Frequency Infrared Laser 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 Single Frequency Infrared Laser Sales Quantity by Type (2018-2029)
- 8.2 Europe Single Frequency Infrared Laser Sales Quantity by Application (2018-2029)
- 8.3 Europe Single Frequency Infrared Laser Market Size by Country
  - 8.3.1 Europe Single Frequency Infrared Laser Sales Quantity by Country (2018-2029)
  - 8.3.2 Europe Single Frequency Infrared Laser 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 Single Frequency Infrared Laser Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Single Frequency Infrared Laser Sales Quantity by Application  
(2018-2029)

9.3 Asia-Pacific Single Frequency Infrared Laser Market Size by Region

9.3.1 Asia-Pacific Single Frequency Infrared Laser Sales Quantity by Region  
(2018-2029)

9.3.2 Asia-Pacific Single Frequency Infrared Laser 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 Single Frequency Infrared Laser Sales Quantity by Type  
(2018-2029)

10.2 South America Single Frequency Infrared Laser Sales Quantity by Application  
(2018-2029)

10.3 South America Single Frequency Infrared Laser Market Size by Country

10.3.1 South America Single Frequency Infrared Laser Sales Quantity by Country  
(2018-2029)

10.3.2 South America Single Frequency Infrared Laser 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 Single Frequency Infrared Laser Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Single Frequency Infrared Laser Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Single Frequency Infrared Laser Market Size by Country

11.3.1 Middle East & Africa Single Frequency Infrared Laser Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Single Frequency Infrared Laser 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 Single Frequency Infrared Laser Market Drivers

12.2 Single Frequency Infrared Laser Market Restraints

12.3 Single Frequency Infrared Laser 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 Single Frequency Infrared Laser and Key Manufacturers

13.2 Manufacturing Costs Percentage of Single Frequency Infrared Laser

13.3 Single Frequency Infrared Laser Production Process

13.4 Single Frequency Infrared Laser Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

## 14.1 Sales Channel

### 14.1.1 Direct to End-User

### 14.1.2 Distributors

## 14.2 Single Frequency Infrared Laser Typical Distributors

## 14.3 Single Frequency Infrared Laser 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 Single Frequency Infrared Laser Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Single Frequency Infrared Laser Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. RPMC Lasers, Inc. Basic Information, Manufacturing Base and Competitors

Table 4. RPMC Lasers, Inc. Major Business

Table 5. RPMC Lasers, Inc. Single Frequency Infrared Laser Product and Services

Table 6. RPMC Lasers, Inc. Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. RPMC Lasers, Inc. Recent Developments/Updates

Table 8. H?BNER PHOTONICS Basic Information, Manufacturing Base and Competitors

Table 9. H?BNER PHOTONICS Major Business

Table 10. H?BNER PHOTONICS Single Frequency Infrared Laser Product and Services

Table 11. H?BNER PHOTONICS Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. H?BNER PHOTONICS Recent Developments/Updates

Table 13. Edmund Optics Basic Information, Manufacturing Base and Competitors

Table 14. Edmund Optics Major Business

Table 15. Edmund Optics Single Frequency Infrared Laser Product and Services

Table 16. Edmund Optics Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Edmund Optics Recent Developments/Updates

Table 18. NP Photonics Basic Information, Manufacturing Base and Competitors

Table 19. NP Photonics Major Business

Table 20. NP Photonics Single Frequency Infrared Laser Product and Services

Table 21. NP Photonics Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. NP Photonics Recent Developments/Updates

Table 23. Sintec Optronics Basic Information, Manufacturing Base and Competitors

Table 24. Sintec Optronics Major Business

Table 25. Sintec Optronics Single Frequency Infrared Laser Product and Services

Table 26. Sintec Optronics Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Sintec Optronics Recent Developments/Updates

Table 28. MPB Communications Basic Information, Manufacturing Base and Competitors

Table 29. MPB Communications Major Business

Table 30. MPB Communications Single Frequency Infrared Laser Product and Services

Table 31. MPB Communications Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. MPB Communications Recent Developments/Updates

Table 33. Changchun New Industries Optoelectronics Tech. Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 34. Changchun New Industries Optoelectronics Tech. Co., Ltd. Major Business

Table 35. Changchun New Industries Optoelectronics Tech. Co., Ltd. Single Frequency Infrared Laser Product and Services

Table 36. Changchun New Industries Optoelectronics Tech. Co., Ltd. Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Changchun New Industries Optoelectronics Tech. Co., Ltd. Recent Developments/Updates

Table 38. Laser-compact Basic Information, Manufacturing Base and Competitors

Table 39. Laser-compact Major Business

Table 40. Laser-compact Single Frequency Infrared Laser Product and Services

Table 41. Laser-compact Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Laser-compact Recent Developments/Updates

Table 43. CrystaLaser Basic Information, Manufacturing Base and Competitors

Table 44. CrystaLaser Major Business

Table 45. CrystaLaser Single Frequency Infrared Laser Product and Services

Table 46. CrystaLaser Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. CrystaLaser Recent Developments/Updates

Table 48. LD-PD Basic Information, Manufacturing Base and Competitors

Table 49. LD-PD Major Business

Table 50. LD-PD Single Frequency Infrared Laser Product and Services

Table 51. LD-PD Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. LD-PD Recent Developments/Updates

Table 53. NKT Photonics Basic Information, Manufacturing Base and Competitors

Table 54. NKT Photonics Major Business

Table 55. NKT Photonics Single Frequency Infrared Laser Product and Services

Table 56. NKT Photonics Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. NKT Photonics Recent Developments/Updates

Table 58. HT Laser Basic Information, Manufacturing Base and Competitors

Table 59. HT Laser Major Business

Table 60. HT Laser Single Frequency Infrared Laser Product and Services

Table 61. HT Laser Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. HT Laser Recent Developments/Updates

Table 63. Lumentum Basic Information, Manufacturing Base and Competitors

Table 64. Lumentum Major Business

Table 65. Lumentum Single Frequency Infrared Laser Product and Services

Table 66. Lumentum Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Lumentum Recent Developments/Updates

Table 68. Coherent Basic Information, Manufacturing Base and Competitors

Table 69. Coherent Major Business

Table 70. Coherent Single Frequency Infrared Laser Product and Services

Table 71. Coherent Single Frequency Infrared Laser Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Coherent Recent Developments/Updates

Table 73. Global Single Frequency Infrared Laser Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 74. Global Single Frequency Infrared Laser Revenue by Manufacturer (2018-2023) & (USD Million)

Table 75. Global Single Frequency Infrared Laser Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 76. Market Position of Manufacturers in Single Frequency Infrared Laser, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 77. Head Office and Single Frequency Infrared Laser Production Site of Key



**Manufacturer**

Table 78. Single Frequency Infrared Laser Market: Company Product Type Footprint

Table 79. Single Frequency Infrared Laser Market: Company Product Application Footprint

Table 80. Single Frequency Infrared Laser New Market Entrants and Barriers to Market Entry

Table 81. Single Frequency Infrared Laser Mergers, Acquisition, Agreements, and Collaborations

Table 82. Global Single Frequency Infrared Laser Sales Quantity by Region (2018-2023) & (K Units)

Table 83. Global Single Frequency Infrared Laser Sales Quantity by Region (2024-2029) & (K Units)

Table 84. Global Single Frequency Infrared Laser Consumption Value by Region (2018-2023) & (USD Million)

Table 85. Global Single Frequency Infrared Laser Consumption Value by Region (2024-2029) & (USD Million)

Table 86. Global Single Frequency Infrared Laser Average Price by Region (2018-2023) & (US\$/Unit)

Table 87. Global Single Frequency Infrared Laser Average Price by Region (2024-2029) & (US\$/Unit)

Table 88. Global Single Frequency Infrared Laser Sales Quantity by Type (2018-2023) & (K Units)

Table 89. Global Single Frequency Infrared Laser Sales Quantity by Type (2024-2029) & (K Units)

Table 90. Global Single Frequency Infrared Laser Consumption Value by Type (2018-2023) & (USD Million)

Table 91. Global Single Frequency Infrared Laser Consumption Value by Type (2024-2029) & (USD Million)

Table 92. Global Single Frequency Infrared Laser Average Price by Type (2018-2023) & (US\$/Unit)

Table 93. Global Single Frequency Infrared Laser Average Price by Type (2024-2029) & (US\$/Unit)

Table 94. Global Single Frequency Infrared Laser Sales Quantity by Application (2018-2023) & (K Units)

Table 95. Global Single Frequency Infrared Laser Sales Quantity by Application (2024-2029) & (K Units)

Table 96. Global Single Frequency Infrared Laser Consumption Value by Application (2018-2023) & (USD Million)

Table 97. Global Single Frequency Infrared Laser Consumption Value by Application

(2024-2029) & (USD Million)

Table 98. Global Single Frequency Infrared Laser Average Price by Application (2018-2023) & (US\$/Unit)

Table 99. Global Single Frequency Infrared Laser Average Price by Application (2024-2029) & (US\$/Unit)

Table 100. North America Single Frequency Infrared Laser Sales Quantity by Type (2018-2023) & (K Units)

Table 101. North America Single Frequency Infrared Laser Sales Quantity by Type (2024-2029) & (K Units)

Table 102. North America Single Frequency Infrared Laser Sales Quantity by Application (2018-2023) & (K Units)

Table 103. North America Single Frequency Infrared Laser Sales Quantity by Application (2024-2029) & (K Units)

Table 104. North America Single Frequency Infrared Laser Sales Quantity by Country (2018-2023) & (K Units)

Table 105. North America Single Frequency Infrared Laser Sales Quantity by Country (2024-2029) & (K Units)

Table 106. North America Single Frequency Infrared Laser Consumption Value by Country (2018-2023) & (USD Million)

Table 107. North America Single Frequency Infrared Laser Consumption Value by Country (2024-2029) & (USD Million)

Table 108. Europe Single Frequency Infrared Laser Sales Quantity by Type (2018-2023) & (K Units)

Table 109. Europe Single Frequency Infrared Laser Sales Quantity by Type (2024-2029) & (K Units)

Table 110. Europe Single Frequency Infrared Laser Sales Quantity by Application (2018-2023) & (K Units)

Table 111. Europe Single Frequency Infrared Laser Sales Quantity by Application (2024-2029) & (K Units)

Table 112. Europe Single Frequency Infrared Laser Sales Quantity by Country (2018-2023) & (K Units)

Table 113. Europe Single Frequency Infrared Laser Sales Quantity by Country (2024-2029) & (K Units)

Table 114. Europe Single Frequency Infrared Laser Consumption Value by Country (2018-2023) & (USD Million)

Table 115. Europe Single Frequency Infrared Laser Consumption Value by Country (2024-2029) & (USD Million)

Table 116. Asia-Pacific Single Frequency Infrared Laser Sales Quantity by Type (2018-2023) & (K Units)

Table 117. Asia-Pacific Single Frequency Infrared Laser Sales Quantity by Type (2024-2029) & (K Units)

Table 118. Asia-Pacific Single Frequency Infrared Laser Sales Quantity by Application (2018-2023) & (K Units)

Table 119. Asia-Pacific Single Frequency Infrared Laser Sales Quantity by Application (2024-2029) & (K Units)

Table 120. Asia-Pacific Single Frequency Infrared Laser Sales Quantity by Region (2018-2023) & (K Units)

Table 121. Asia-Pacific Single Frequency Infrared Laser Sales Quantity by Region (2024-2029) & (K Units)

Table 122. Asia-Pacific Single Frequency Infrared Laser Consumption Value by Region (2018-2023) & (USD Million)

Table 123. Asia-Pacific Single Frequency Infrared Laser Consumption Value by Region (2024-2029) & (USD Million)

Table 124. South America Single Frequency Infrared Laser Sales Quantity by Type (2018-2023) & (K Units)

Table 125. South America Single Frequency Infrared Laser Sales Quantity by Type (2024-2029) & (K Units)

Table 126. South America Single Frequency Infrared Laser Sales Quantity by Application (2018-2023) & (K Units)

Table 127. South America Single Frequency Infrared Laser Sales Quantity by Application (2024-2029) & (K Units)

Table 128. South America Single Frequency Infrared Laser Sales Quantity by Country (2018-2023) & (K Units)

Table 129. South America Single Frequency Infrared Laser Sales Quantity by Country (2024-2029) & (K Units)

Table 130. South America Single Frequency Infrared Laser Consumption Value by Country (2018-2023) & (USD Million)

Table 131. South America Single Frequency Infrared Laser Consumption Value by Country (2024-2029) & (USD Million)

Table 132. Middle East & Africa Single Frequency Infrared Laser Sales Quantity by Type (2018-2023) & (K Units)

Table 133. Middle East & Africa Single Frequency Infrared Laser Sales Quantity by Type (2024-2029) & (K Units)

Table 134. Middle East & Africa Single Frequency Infrared Laser Sales Quantity by Application (2018-2023) & (K Units)

Table 135. Middle East & Africa Single Frequency Infrared Laser Sales Quantity by Application (2024-2029) & (K Units)

Table 136. Middle East & Africa Single Frequency Infrared Laser Sales Quantity by

Region (2018-2023) & (K Units)

Table 137. Middle East & Africa Single Frequency Infrared Laser Sales Quantity by

Region (2024-2029) & (K Units)

Table 138. Middle East & Africa Single Frequency Infrared Laser Consumption Value by

Region (2018-2023) & (USD Million)

Table 139. Middle East & Africa Single Frequency Infrared Laser Consumption Value by

Region (2024-2029) & (USD Million)

Table 140. Single Frequency Infrared Laser Raw Material

Table 141. Key Manufacturers of Single Frequency Infrared Laser Raw Materials

Table 142. Single Frequency Infrared Laser Typical Distributors

Table 143. Single Frequency Infrared Laser Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Single Frequency Infrared Laser Picture

Figure 2. Global Single Frequency Infrared Laser Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Single Frequency Infrared Laser Consumption Value Market Share by Type in 2022

Figure 4. Single Mode Lasers Examples

Figure 5. Multimode Lasers Examples

Figure 6. Global Single Frequency Infrared Laser Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global Single Frequency Infrared Laser Consumption Value Market Share by Application in 2022

Figure 8. Biomedical Science Examples

Figure 9. Optical Instruments Examples

Figure 10. Communications Examples

Figure 11. Others Examples

Figure 12. Global Single Frequency Infrared Laser Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 13. Global Single Frequency Infrared Laser Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 14. Global Single Frequency Infrared Laser Sales Quantity (2018-2029) & (K Units)

Figure 15. Global Single Frequency Infrared Laser Average Price (2018-2029) & (US\$/Unit)

Figure 16. Global Single Frequency Infrared Laser Sales Quantity Market Share by Manufacturer in 2022

Figure 17. Global Single Frequency Infrared Laser Consumption Value Market Share by Manufacturer in 2022

Figure 18. Producer Shipments of Single Frequency Infrared Laser by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 19. Top 3 Single Frequency Infrared Laser Manufacturer (Consumption Value) Market Share in 2022

Figure 20. Top 6 Single Frequency Infrared Laser Manufacturer (Consumption Value) Market Share in 2022

Figure 21. Global Single Frequency Infrared Laser Sales Quantity Market Share by Region (2018-2029)

Figure 22. Global Single Frequency Infrared Laser Consumption Value Market Share by Region (2018-2029)

Figure 23. North America Single Frequency Infrared Laser Consumption Value (2018-2029) & (USD Million)

Figure 24. Europe Single Frequency Infrared Laser Consumption Value (2018-2029) & (USD Million)

Figure 25. Asia-Pacific Single Frequency Infrared Laser Consumption Value (2018-2029) & (USD Million)

Figure 26. South America Single Frequency Infrared Laser Consumption Value (2018-2029) & (USD Million)

Figure 27. Middle East & Africa Single Frequency Infrared Laser Consumption Value (2018-2029) & (USD Million)

Figure 28. Global Single Frequency Infrared Laser Sales Quantity Market Share by Type (2018-2029)

Figure 29. Global Single Frequency Infrared Laser Consumption Value Market Share by Type (2018-2029)

Figure 30. Global Single Frequency Infrared Laser Average Price by Type (2018-2029) & (US\$/Unit)

Figure 31. Global Single Frequency Infrared Laser Sales Quantity Market Share by Application (2018-2029)

Figure 32. Global Single Frequency Infrared Laser Consumption Value Market Share by Application (2018-2029)

Figure 33. Global Single Frequency Infrared Laser Average Price by Application (2018-2029) & (US\$/Unit)

Figure 34. North America Single Frequency Infrared Laser Sales Quantity Market Share by Type (2018-2029)

Figure 35. North America Single Frequency Infrared Laser Sales Quantity Market Share by Application (2018-2029)

Figure 36. North America Single Frequency Infrared Laser Sales Quantity Market Share by Country (2018-2029)

Figure 37. North America Single Frequency Infrared Laser Consumption Value Market Share by Country (2018-2029)

Figure 38. United States Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Canada Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Mexico Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Europe Single Frequency Infrared Laser Sales Quantity Market Share by

Type (2018-2029)

Figure 42. Europe Single Frequency Infrared Laser Sales Quantity Market Share by Application (2018-2029)

Figure 43. Europe Single Frequency Infrared Laser Sales Quantity Market Share by Country (2018-2029)

Figure 44. Europe Single Frequency Infrared Laser Consumption Value Market Share by Country (2018-2029)

Figure 45. Germany Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. France Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. United Kingdom Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Russia Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Italy Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Asia-Pacific Single Frequency Infrared Laser Sales Quantity Market Share by Type (2018-2029)

Figure 51. Asia-Pacific Single Frequency Infrared Laser Sales Quantity Market Share by Application (2018-2029)

Figure 52. Asia-Pacific Single Frequency Infrared Laser Sales Quantity Market Share by Region (2018-2029)

Figure 53. Asia-Pacific Single Frequency Infrared Laser Consumption Value Market Share by Region (2018-2029)

Figure 54. China Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Japan Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Korea Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. India Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Southeast Asia Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Australia Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. South America Single Frequency Infrared Laser Sales Quantity Market Share by Type (2018-2029)

Figure 61. South America Single Frequency Infrared Laser Sales Quantity Market Share by Application (2018-2029)

Figure 62. South America Single Frequency Infrared Laser Sales Quantity Market Share by Country (2018-2029)

Figure 63. South America Single Frequency Infrared Laser Consumption Value Market Share by Country (2018-2029)

Figure 64. Brazil Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Argentina Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Middle East & Africa Single Frequency Infrared Laser Sales Quantity Market Share by Type (2018-2029)

Figure 67. Middle East & Africa Single Frequency Infrared Laser Sales Quantity Market Share by Application (2018-2029)

Figure 68. Middle East & Africa Single Frequency Infrared Laser Sales Quantity Market Share by Region (2018-2029)

Figure 69. Middle East & Africa Single Frequency Infrared Laser Consumption Value Market Share by Region (2018-2029)

Figure 70. Turkey Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Egypt Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Saudi Arabia Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. South Africa Single Frequency Infrared Laser Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Single Frequency Infrared Laser Market Drivers

Figure 75. Single Frequency Infrared Laser Market Restraints

Figure 76. Single Frequency Infrared Laser Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Single Frequency Infrared Laser in 2022

Figure 79. Manufacturing Process Analysis of Single Frequency Infrared Laser

Figure 80. Single Frequency Infrared Laser Industrial Chain

Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source



## I would like to order

Product name: Global Single Frequency Infrared Laser Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/GCB6267A6B3FEN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GCB6267A6B3FEN.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

