

Global Ultrafast Lasers market Size study, by Laser type (Solid State Laser, Fiber Laser), by End user (Consumer Electronics, Medical, Automotive, Aerospace and Defense, Research), by Pulse Duration (Picosecond, Femtosecond)and Regional Forecasts 2021-2027

<https://marketpublishers.com/r/G47F50048990EN.html>

Date: July 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G47F50048990EN

Abstracts

Global Ultrafast Lasers market is valued at approximately USD 1.43 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 16.6 % over the forecast period 2021-2027. Ultrafast lasers have carved out a niche for themselves in a variety of applications and end-uses. During the projection period of 2021-2027, this feature may encourage expanded potential prospects for the worldwide ultrafast lasers market. The ultrafast lasers market is growing due to the widespread replacement of non-laser techniques by ultrafast lasers. The consumer electronics sector's growing demand and fast-paced technological improvements are driving the market. Consumer electronics companies rely heavily on electronic manufacturers to provide benefits including cost reductions, decreased time-to-market, reduced time-to-volume, quality, and flexibility in order to get their goods to market. According to the Consumer Technology Association, consumer electronics shipments in the United States generated USD 301 billion in wholesale revenue in 2019, up from USD 169.79 billion in 2009. In addition, consumer electronics and automobile electronics have boosted market growth by using ultrafast laser technology. In the United States, for example, the Microlution ML-5 ultrafast laser micromachining platform from GF Machining Solutions extended micromachining beyond typical CNC technology to make micron-scale machining economically and technically possible. However, manufacturing complexities may impede market growth over the forecast period of 2021-2027.

The regional analysis of the global Ultrafast Lasers market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World (ROW). North America is the leading region across the world in terms of market share due rising demand of consumer electronics products and automotive electronics in the region. Whereas Asia Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2021-2027, due to increasing demand for advanced and high-precision manufacturing processes across the region.

Major market player included in this report are:

Amplitude Group
Coherent Inc.
Ekspla (EKSMA group)
MKS Instruments Inc.
JENOPTIK Laser GmbH
TRUMPF Group
Novanta
Lumentum Holdings
Aisin Seiki
IPG Photonics

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Laser type:

Solid State Laser
Fiber Laser

By End user:

Consumer Electronics
Medical
Automotive
Aerospace and Defense
Research

By Pulse Duration:

Picosecond

Femtosecond

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018-19

Base year – 2019-2020

Forecast period – 2021 to 2027.

Target Audience of the Global Ultrafast Lasers market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Ultrafast Lasers market , by Region, 2019-2027 (USD Billion)
 - 1.2.2. Ultrafast Lasers market , by Laser Type, 2019-2027 (USD Billion)
 - 1.2.3. Ultrafast Lasers market , by End User, 2019-2027 (USD Billion)
 - 1.2.4. Ultrafast Lasers market , by Pulse Duration, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL ULTRAFAST LASERS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL ULTRAFAST LASERS MARKET DYNAMICS

- 3.1. Ultrafast Lasers market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Need for enhanced dimensional accuracy
 - 3.1.1.2. Government mandates promoting adoption of ultrafast lasers
 - 3.1.2. Market Restraint
 - 3.1.2.1. Manufacturing complexities
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increasing use of phosphorene

CHAPTER 4. GLOBAL ULTRAFAST LASERS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers

- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL ULTRAFAST LASERS MARKET , BY LASER TYPE

- 5.1. Market Snapshot
- 5.2. Global Ultrafast Lasers market by Laser Type , Performance - Potential Analysis
- 5.3. Global Ultrafast Lasers market Estimates & Forecasts by Laser Type 2018-2027 (USD Billion)
- 5.4. Ultrafast Lasers market , Sub Segment Analysis
 - 5.4.1. Solid State Laser
 - 5.4.2. Fiber Laser

CHAPTER 6. GLOBAL ULTRAFAST LASERS MARKET , BY END USER

- 6.1. Market Snapshot
- 6.2. Global Ultrafast Lasers market by End User, Performance - Potential Analysis
- 6.3. Global Ultrafast Lasers market Estimates & Forecasts by End User 2018-2027 (USD Billion)
- 6.4. Ultrafast Lasers market , Sub Segment Analysis
 - 6.4.1. Consumer Electronics
 - 6.4.2. Medical
 - 6.4.3. Automotive
 - 6.4.4. Aerospace and Defense
 - 6.4.5. Research

CHAPTER 7. GLOBAL ULTRAFAST LASERS MARKET , BY PULSE DURATION

- 7.1. Market Snapshot
- 7.2. Global Ultrafast Lasers market by Pulse Duration, Performance - Potential Analysis

7.3. Global Ultrafast Lasers market Estimates & Forecasts by Pulse Duration 2018-2027 (USD Billion)

7.4. Ultrafast Lasers market , Sub Segment Analysis

7.4.1. Picosecond

7.4.2. Femtosecond

CHAPTER 8. GLOBAL ULTRAFAST LASERS MARKET , REGIONAL ANALYSIS

8.1. Ultrafast Lasers market , Regional Market Snapshot

8.2. North America Ultrafast Lasers market

8.2.1. U.S. Ultrafast Lasers market

8.2.1.1. Laser Type breakdown estimates & forecasts, 2018-2027

8.2.1.2. End User breakdown estimates & forecasts, 2018-2027

8.2.1.3. Pulse Duration breakdown estimates & forecasts, 2018-2027

8.2.2. Canada Ultrafast Lasers market

8.3. Europe Ultrafast Lasers market Snapshot

8.3.1. U.K. Ultrafast Lasers market

8.3.2. Germany Ultrafast Lasers market

8.3.3. France Ultrafast Lasers market

8.3.4. Spain Ultrafast Lasers market

8.3.5. Italy Ultrafast Lasers market

8.3.6. Rest of Europe Ultrafast Lasers market

8.4. Asia-Pacific Ultrafast Lasers market Snapshot

8.4.1. China Ultrafast Lasers market

8.4.2. India Ultrafast Lasers market

8.4.3. Japan Ultrafast Lasers market

8.4.4. Australia Ultrafast Lasers market

8.4.5. South Korea Ultrafast Lasers market

8.4.6. Rest of Asia Pacific Ultrafast Lasers market

8.5. Latin America Ultrafast Lasers market Snapshot

8.5.1. Brazil Ultrafast Lasers market

8.5.2. Mexico Ultrafast Lasers market

8.6. Rest of The World Ultrafast Lasers market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. Amplitude Group

- 9.2.1.1. Key Information
- 9.2.1.2. Overview
- 9.2.1.3. Financial (Subject to Data Availability)
- 9.2.1.4. Product Summary
- 9.2.1.5. Recent Developments
- 9.2.2. Coherent Inc.
- 9.2.3. Ekspla (EKSMA group)
- 9.2.4. MKS Instruments Inc.
- 9.2.5. JENOPTIK Laser GmbH
- 9.2.6. TRUMPF Group
- 9.2.7. Novanta
- 9.2.8. Lumentum Holdings
- 9.2.9. Aisin Seiki
- 9.2.10. IPG Photonics

CHAPTER 10. RESEARCH END USER

- 10.1. Research End User
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Ultrafast Lasers market , report scope

TABLE 2. Global Ultrafast Lasers market estimates & forecasts by region 2018-2027
(USD Billion)

TABLE 3. Global Ultrafast Lasers market estimates & forecasts by Laser Type
2018-2027 (USD Billion)

TABLE 4. Global Ultrafast Lasers market estimates & forecasts by End User 2018-2027
(USD Billion)

TABLE 5. Global Ultrafast Lasers market estimates & forecasts by Pulse Duration
2018-2027 (USD Billion)

TABLE 6. Global Ultrafast Lasers market by segment, estimates & forecasts, 2018-2027
(USD Billion)

TABLE 7. Global Ultrafast Lasers market by region, estimates & forecasts, 2018-2027
(USD Billion)

TABLE 8. Global Ultrafast Lasers market by segment, estimates & forecasts, 2018-2027
(USD Billion)

TABLE 9. Global Ultrafast Lasers market by region, estimates & forecasts, 2018-2027
(USD Billion)

TABLE 10. Global Ultrafast Lasers market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 11. Global Ultrafast Lasers market by region, estimates & forecasts, 2018-2027
(USD Billion)

TABLE 12. Global Ultrafast Lasers market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 13. Global Ultrafast Lasers market by region, estimates & forecasts, 2018-2027
(USD Billion)

TABLE 14. Global Ultrafast Lasers market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 15. Global Ultrafast Lasers market by region, estimates & forecasts, 2018-2027
(USD Billion)

TABLE 16. Global Ultrafast Lasers market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 17. Global Ultrafast Lasers market by region, estimates & forecasts, 2018-2027
(USD Billion)

TABLE 18. Global Ultrafast Lasers market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 19. Global Ultrafast Lasers market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 20. Global Ultrafast Lasers market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 21. Global Ultrafast Lasers market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. U.S. Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 23. U.S. Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. U.S. Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 25. Canada Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 26. Canada Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. Canada Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 28. UK Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 29. UK Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. UK Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 31. Germany Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 32. Germany Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. Germany Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 34. France Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 35. France Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. France Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 37. Spain Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 38. Spain Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 39. Spain Ultrafast Lasers market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 40. Italy Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 41. Italy Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. Italy Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 43. ROE Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 44. ROE Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. ROE Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 46. China Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 47. China Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. China Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 49. India Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 50. India Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. India Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 52. Japan Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 53. Japan Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. Japan Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 55. Australia Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 56. Australia Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 57. Australia Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 58. South Korea Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 59. South Korea Ultrafast Lasers market estimates & forecasts by segment

2018-2027 (USD Billion)

TABLE 60. South Korea Ultrafast Lasers market estimates & forecasts by segment

2018-2027 (USD Billion)

TABLE 61. ROPAC Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 62. ROPAC Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 63. ROPAC Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 64. Brazil Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 65. Brazil Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 66. Brazil Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 67. Mexico Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 68. Mexico Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 69. Mexico Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 70. ROLA Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 71. ROLA Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 72. ROLA Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 73. ROW Ultrafast Lasers market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 74. ROW Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 75. ROW Ultrafast Lasers market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 76. List of secondary sources used in the study of global Ultrafast Lasers market .

TABLE 77. List of primary sources used in the study of global Ultrafast Lasers market .

TABLE 78. Years considered for the study.

TABLE 79. Exchange rates considered.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Ultrafast Lasers market , research methodology
- FIG 2. Global Ultrafast Lasers market , market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Ultrafast Lasers market , key trends 2019
- FIG 5. Global Ultrafast Lasers market , growth prospects 2020-2027
- FIG 6. Global Ultrafast Lasers market , porters 5 force model
- FIG 7. Global Ultrafast Lasers market , pest analysis
- FIG 8. Global Ultrafast Lasers market , value chain analysis
- FIG 9. Global Ultrafast Lasers market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Ultrafast Lasers market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Ultrafast Lasers market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Ultrafast Lasers market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Ultrafast Lasers market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Ultrafast Lasers market by segment, 2018 & 2027 (USD Billion)
- FIG 15. Global Ultrafast Lasers market by segment, 2018 & 2027 (USD Billion)
- FIG 16. Global Ultrafast Lasers market by segment, 2018 & 2027 (USD Billion)
- FIG 17. Global Ultrafast Lasers market , regional snapshot 2018 & 2027
- FIG 18. North America Ultrafast Lasers market 2018 & 2027 (USD Billion)
- FIG 19. Europe Ultrafast Lasers market 2018 & 2027 (USD Billion)
- FIG 20. Asia-Pacific Ultrafast Lasers market 2018 & 2027 (USD Billion)
- FIG 21. Latin America Ultrafast Lasers market 2018 & 2027 (USD Billion)
- FIG 22. Global Ultrafast Lasers market , company market share analysis (2019)

I would like to order

Product name: Global Ultrafast Lasers market Size study, by Laser type (Solid State Laser, Fiber Laser), by End user (Consumer Electronics, Medical, Automotive, Aerospace and Defense, Research), by Pulse Duration (Picosecond, Femtosecond)and Regional Forecasts 2021-2027

Product link: <https://marketpublishers.com/r/G47F50048990EN.html>

Price: US\$ 4,950.00 (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/G47F50048990EN.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