

Fiber Laser Market by Type (Infrared Fiber Laser, Ultraviolet Fiber Laser, Ultrafast Fiber Laser, Visible Fiber Laser), by Application (High Power, Marking, Fine Processing, Micro Processing) - Global Opportunity Analysis and Industry Forecast, 2014-2022

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# **Abstracts**

Fiber lasers are devices, which are optically pumped and most commonly with laser diodes but in a few cases with other fiber lasers. The optics used in these systems are usually fiber components, with most or all of the components fiber-coupled to one another. In some systems, bulk optics are used, and sometimes an internal fiber-coupling system is combined with external bulk optics. Global fiber laser market was valued at \$1,443 million in 2015 and is growing at a CAGR of 11.7% from 2016 to 2022 to reach \$3,113 million by 2022.

Improved performance over other alternative technologies, less CO2 emission, and less power consumption drive the fiber laser market. The performance and utilization of fiber lasers continually expand with innovative progressions that give generous cost and vitality to end users when contrasted with alternate technologies. Better innovation implies fiber lasers become stronger, more effective, and more energy efficient than any time in the recent past.

The global fiber laser market is segmented on the basis of various parameters such as type, application, and geography. Based on fiber laser type, the market is classified into infrared fiber laser, ultraviolet fiber laser, ultrafast fiber laser, and visible fiber laser. Further on the basis of application, the market is divided into high power, marking, fine processing, and micro processing. Geographically, the global fiber laser market is segmented into North America, Europe, Asia-Pacific, and LAMEA.

Top players in the market invest huge capital in R&D activities to develop enhanced



products to cater the current demand. Some of the major players in the fiber laser market are IPG Photonics Corporation, Coherent Inc., Rofin-Sinar Technologies Inc., Apollo Instruments Inc., Amonics Ltd., NKT Photonics, and Keopsys Group.

#### **KEY BENEFITS**

The report provides an in-depth analysis of the global fiber laser market and future estimations, in terms of both value and volume, from 2016 to 2022, which include information about the current market situation, changing market dynamics, expected trends, and market intelligence.

The factors that drive and impede the growth of the global market are comprehensively analyzed in this study.

The report contains a comprehensive study of the key strategies adopted by companies to gain traction in the market.

Micro-level analysis is conducted based on type, application, and region.

The report thoroughly analyzes various types and applications of fiber laser at country level.

### **KEY MARKET SEGMENTS**

The fiber laser market is segmented on the basis of type, application, and geography. BY TYPE

Infrared Fiber Laser

Ultraviolet Fiber Laser

**Ultrafast Fiber Laser** 

**Picosecond Fiber Laser** 

Femtosecond Fiber Laser

Visible Fiber Laser

Fiber Laser Market by Type (Infrared Fiber Laser, Ultraviolet Fiber Laser, Ultrafast Fiber Laser, Visible Fibe...



#### Quasi-CW Green Fiber Laser

Nanosecond Fiber Laser

#### BY APPLICATION

**High Power** 

Cutting

Flat Sheet Cutting

**Tube Cutting** 

**3D** Cutting

Welding & Other

Power Train

Tube Welding

Car Body Scanner Welding

Car Body Seam Welding/Brazing

Others

Marking

**Fine Processing** 

**Micro Processing** 

BY GEOGRAPHY



North America	
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U.S.

Canada

Mexico

Europe

Germany

France

U.K.

Rest of Europe

Asia-Pacific

China

India

Japan

**Rest of Asia-Pacific** 

LAMEA

South Africa

Brazil

Rest of LAMEA

#### **KEY PLAYERS**



Amonics Ltd.

Apollo Instruments Inc.

Coherent Inc.

**IPG** Photonics Corporation

Jenoptik Laser GmbH

Keopsys Group

NKT Photonics A/S

**Quantel Group** 

ROFIN-SINAR Technologies Inc.

Toptica Photonics AG

Other players in the value chain include (profiles not included in the report)

Newport Corp.

Trumpf Inc.

3S Photonics S.A.S.

Active Fiber Systems GmbH

**Advalue Photonics** 

Calmar Laser Inc.

Clark MXR Inc.

EKSPLA, ELUXI Ltd.



### **EOLITE Systems**

Furukawa Electric Co. Ltd.

Fianium Ltd.

FiberLAST Inc.

GSI Group Inc.

Hypertherm Inc.

IMRA America Inc.

JDS Uniphase Corp.

Maxphotonics Co. Ltd.

Mitsubishi Cable Industries Ltd.

Miyachi Unitek Corp.

Mobius Photonics Inc.

Nufern Inc.

Nuphoton Technologies Inc.

Prima Electro North America LLC

PolarOnyx Inc.

Raycus Fiber Laser Technologies Co. Ltd.



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- Newport Corp.
- Trumpf Inc.
- 3S Photonics S.A.S.
- Active Fiber Systems GmbH



**Advalue Photonics** Calmar Laser Inc. Clark MXR Inc. EKSPLA, ELUXI Ltd. **EOLITE Systems** Furukawa Electric Co. Ltd. Fianium Ltd. FiberLAST Inc. GSI Group Inc. Hypertherm Inc. IMRA America Inc. JDS Uniphase Corp. Maxphotonics Co. Ltd. Mitsubishi Cable Industries Ltd. Miyachi Unitek Corp. Mobius Photonics Inc. Nufern Inc. Nuphoton Technologies Inc. Prima Electro North America LLC PolarOnyx Inc. Raycus Fiber Laser Technologies Co. Ltd. Above companies can be profiled based on client interest



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