

Free Space Optics Market (By Component: Transmitter, Receiver, Modulator, Demodulator, Encoder & Decoder And Others; By Application: Security, Airborne Application, Healthcare, Storage Area Network, Data Transmission, Defense, Disaster Recovery, Last Mile Access And Others; By Geography: North America, Europe, Asia-Pacific and RoW) Global Scenario, Market Size, Outlook, Trend and Forecast, 2015-2024

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Abstracts

Global Free Space Optics Market is estimated to reach \$1223.1 Million by 2024 with CAGR of 36.4% between 2016 and 2024. Free space optics, also known as free space photonics, is an optical communication technology that propagates infrared beams or light through the outer space or atmosphere to attain broadband communications. This technology can be installed globally without any license. They cost less and required less maintenance as compared to the fiber networks. It has also developed a new category of outdoor wireless devices that have the ability to transmit voice, data and video at bandwidths up to 1.25 Gbps.

The factors supplementing the growth of the free space optics market are rising demand for 3G & 4G in emerging economies and increased demand for data streaming and multimedia services. Moreover, increasing investments in telecommunication infrastructure and high adoption of free space optics among military and healthcare also boosts the growth of the market. Though, environment commotions might restrain the growth of the market. Furthermore, advanced technologies and emerging markets might provide market opportunities in coming years.

The global free space optics market is categorized as component, application and geography. By component type, it is further segmented into receiver, encoder & decoder, modulator, transmitter, demodulator and others. Furthermore, application is segmented into defense, security, storage area network, airborne application, healthcare, disaster recovery, data transmission, last mile access and others.

By geography the free space optics market is segmented into North America, Europe, Asia-Pacific and rest of the world (RoW). The U.S., Canada and Mexico are covered under North America wherein Europe covers U.K., Italy, France, Germany and Rest of Europe. Asia-Pacific covers China, India, Japan, South Korea and Rest of Asia Pacific. Rest of the World (RoW) covers South America, Middle East and Africa.

Key market players include pureLiFi Ltd., Panasonic Corp., Anova Technologies, Wireless Excellence Ltd., LightPointe Communications, Inc., General Electronics Co., Fujitsu Ltd., Lightbee Corp., Harris Corporation, Trimble Hungary Ltd., Outstanding Technology, and Koninklijke Philips N.V. among others.

The key takeaways from the report

The report will provide detailed analysis of Free Space Optics Market with respect to major segments such as component and application type of the market.

The report will include the qualitative and quantitative analysis with market estimation over 2015-2024 and compound annual growth rate (CAGR) between 2016 and 2024.

Comprehensive analysis of market dynamics including factors and opportunities.

An exhaustive regional analysis of Free Space Optics market.

Profile of key players of the Free Space Optics market, which include key financials, product & services and new developments.

Scope of Free Space Optics Market

Component Segments

Free Space Optics Market (By Component: Transmitter, Receiver, Modulator, Demodulator, Encoder & Decoder And O...

Receiver

Encoder & Decoder

Modulator

Transmitter

Demodulator

Others

Application Segments

Defense

Security

Storage Area Network

Airborne Application

Healthcare

Disaster Recovery

Data Transmission

Last Mile Access

Others

Geography Segments

North America

US

Canada

Mexico

Europe

U.K.

Italy

France

Germany

Others

Asia-Pacific

China

India

Japan

South Korea

Others

RoW

South America

Middle East

Africa

Contents

CHAPTER 1 PREFIX

- 1.1 Market Scope
- 1.2 Report Description
- 1.3 Research Methodology
 - 1.3.1 Primary Research
 - 1.3.2 Secondary Research
 - 1.3.3 In-house Data Modeling

CHAPTER 2 EXECUTIVE SUMMARY

CHAPTER 3 MARKET OUTLINE

- 3.1 Market Inclination, Trend, Outlook and Viewpoint
- 3.2 Market Share Analysis: Company's Competitive Scenario
- 3.3 Value Chain Analysis
- 3.4 Market Dynamics
 - 3.4.1 Drivers
 - 3.4.1.1 Impact Analysis
 - 3.4.2 Restraints
 - 3.4.2.1 Impact Analysis
 - 3.4.3 Opportunities
- 3.5 Porter's five forces analysis
 - 3.5.1 Factors Impact Analysis

CHAPTER 4 FREE SPACE OPTICS MARKET BY COMPONENT TYPE: MARKET SIZE AND FORECAST, 2015 – 2024

- 4.1 Transmitter
 - 4.1.1 Current Trend and Analysis
 - 4.1.2 Market Size and Forecast
- 4.2 Receiver
 - 4.2.1 Current Trend and Analysis
 - 4.2.2 Market Size and Forecast
- 4.3 Modulator
 - 4.3.1 Current Trend and Analysis
 - 4.3.2 Market Size and Forecast

4.4 Demodulator

4.4.1 Current Trend and Analysis

4.4.2 Market Size and Forecast

4.5 Encoder & Decoder

4.5.1 Current Trend and Analysis

4.5.2 Market Size and Forecast

4.6 Others

4.6.1 Current Trend and Analysis

4.6.2 Market Size and Forecast

CHAPTER 5 FREE SPACE OPTICS MARKET BY APPLICATIONS: MARKET SIZE AND FORECAST, 2015 – 2024

5.1 Security

5.1.1 Current Trend and Analysis

5.1.2 Market Size and Forecast

5.2 Airborne Application

5.2.1 Current Trend and Analysis

5.2.2 Market Size and Forecast

5.3 Healthcare

5.3.1 Current Trend and Analysis

5.3.2 Market Size and Forecast

5.4 Storage Area Network

5.4.1 Current Trend and Analysis

5.4.2 Market Size and Forecast

5.5 Data Transmission

5.5.1 Current Trend and Analysis

5.5.2 Market Size and Forecast

5.6 Defense

5.6.1 Current Trend and Analysis

5.6.2 Market Size and Forecast

5.7 Disaster Recovery

5.7.1 Current Trend and Analysis

5.7.2 Market Size and Forecast

5.8 Last Mile Access

5.8.1 Current Trend and Analysis

5.8.2 Market Size and Forecast

5.9 Others

5.9.1 Current Trend and Analysis

5.9.2 Market Size and Forecast

CHAPTER 6 FREE SPACE OPTICS MARKET BY GEOGRAPHY: MARKET SIZE AND FORECAST, 2015 – 2024

6.1 North America

6.1.1 Current Trend and Analysis

6.1.2 Market Size and Forecast

6.1.3 US

6.1.4 Canada

6.1.5 Mexico

6.2 Europe

6.2.1 Current Trend and Analysis

6.2.2 Market Size and Forecast

6.2.3 U.K.

6.2.4 Italy

6.2.5 France

6.2.6 Germany

6.2.7 Others

6.3 Asia-Pacific

6.3.1 Current Trend and Analysis

6.3.2 Market Size and Forecast

6.3.3 China

6.3.4 India

6.3.5 Japan

6.3.6 South Korea

6.3.7 Others

6.4 RoW

6.4.1 Current Trend and Analysis

6.4.2 Market Size and Forecast

6.4.3 Middle East

6.4.4 South America

6.4.5 Africa

CHAPTER 7 COMPANY PROFILES

7.1 Panasonic Corp.

7.2 Trimble Hungary Ltd.

7.3 Anova Technologies

- 7.4 Wireless Excellence Ltd.
- 7.5 General Electronics Co.
- 7.6 Fujitsu Ltd.
- 7.7 Lightbee Corp.
- 7.8 Harris Corporation
- 7.9 Outstanding Technology
- 7.10 LightPointe Communications, Inc.
- 7.11 pureLiFi Ltd.
- 7.12 Koninklijke Philips N.V.

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