

# Free Space Optics Communication Market - Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/F0D5A31B7F1DEN.html>

Date: March 2022

Pages: 66

Price: US\$ 3,250.00 (Single User License)

ID: F0D5A31B7F1DEN

## Abstracts

This report contains market size and forecasts of Free Space Optics Communication in Global, including the following market information:

Global Free Space Optics Communication Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Free Space Optics Communication market was valued at 284.5 million in 2021 and is projected to reach US\$ 916 million by 2028, at a CAGR of 18.2% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Modulators Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Free Space Optics Communication include Mostcom Ltd., Trimble Hungary Ltd., AOptix Technologies Inc., Optelix, IBSENtelecom Ltd., Harris Corporation, LightPointe Communications, Inc., Anova Technologies and Wireless Excellence Limited and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Free Space Optics Communication companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers,

challenges, obstacles, and potential risks.

Total Market by Segment:

Global Free Space Optics Communication Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Free Space Optics Communication Market Segment Percentages, by Type, 2021 (%)

Modulators

Transmitters

Demodulators

Receivers

Encoders and Decoders

Global Free Space Optics Communication Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Free Space Optics Communication Market Segment Percentages, by Application, 2021 (%)

Storage Area Network

Data Transmission

Defense

Security

Airborne Applications

Healthcare

Others

Global Free Space Optics Communication Market, By Region and Country, 2017-2022,  
2023-2028 (\$ Millions)

Global Free Space Optics Communication Market Segment Percentages, By Region  
and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Free Space Optics Communication revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Free Space Optics Communication revenues share in global market,

2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Mostcom Ltd.

Trimble Hungary Ltd.

AOptix Technologies Inc.

Optelix

IBSENtelecom Ltd.

Harris Corporation

LightPointe Communications, Inc.

Anova Technologies

Wireless Excellence Limited

fSONA Networks Corp.

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Free Space Optics Communication Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Free Space Optics Communication Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL FREE SPACE OPTICS COMMUNICATION OVERALL MARKET SIZE**

- 2.1 Global Free Space Optics Communication Market Size: 2021 VS 2028
- 2.2 Global Free Space Optics Communication Market Size, Prospects & Forecasts: 2017-2028
- 2.3 Key Market Trends, Opportunity, Drivers and Restraints
  - 2.3.1 Market Opportunities & Trends
  - 2.3.2 Market Drivers
  - 2.3.3 Market Restraints

### **3 COMPANY LANDSCAPE**

- 3.1 Top Free Space Optics Communication Players in Global Market
- 3.2 Top Global Free Space Optics Communication Companies Ranked by Revenue
- 3.3 Global Free Space Optics Communication Revenue by Companies
- 3.4 Top 3 and Top 5 Free Space Optics Communication Companies in Global Market, by Revenue in 2021
- 3.5 Global Companies Free Space Optics Communication Product Type
- 3.6 Tier 1, Tier 2 and Tier 3 Free Space Optics Communication Players in Global Market
  - 3.6.1 List of Global Tier 1 Free Space Optics Communication Companies
  - 3.6.2 List of Global Tier 2 and Tier 3 Free Space Optics Communication Companies

## **4 MARKET SIGHTS BY PRODUCT**

### 4.1 Overview

4.1.1 by Type - Global Free Space Optics Communication Market Size Markets, 2021 & 2028

4.1.2 Modulators

4.1.3 Transmitters

4.1.4 Demodulators

4.1.5 Receivers

4.1.6 Encoders and Decoders

### 4.2 By Type - Global Free Space Optics Communication Revenue & Forecasts

4.2.1 By Type - Global Free Space Optics Communication Revenue, 2017-2022

4.2.2 By Type - Global Free Space Optics Communication Revenue, 2023-2028

4.2.3 By Type - Global Free Space Optics Communication Revenue Market Share, 2017-2028

## **5 SIGHTS BY APPLICATION**

### 5.1 Overview

5.1.1 By Application - Global Free Space Optics Communication Market Size, 2021 & 2028

5.1.2 Storage Area Network

5.1.3 Data Transmission

5.1.4 Defense

5.1.5 Security

5.1.6 Airborne Applications

5.1.7 Healthcare

5.1.8 Others

### 5.2 By Application - Global Free Space Optics Communication Revenue & Forecasts

5.2.1 By Application - Global Free Space Optics Communication Revenue, 2017-2022

5.2.2 By Application - Global Free Space Optics Communication Revenue, 2023-2028

5.2.3 By Application - Global Free Space Optics Communication Revenue Market Share, 2017-2028

## **6 SIGHTS BY REGION**

6.1 By Region - Global Free Space Optics Communication Market Size, 2021 & 2028

6.2 By Region - Global Free Space Optics Communication Revenue & Forecasts

6.2.1 By Region - Global Free Space Optics Communication Revenue, 2017-2022

6.2.2 By Region - Global Free Space Optics Communication Revenue, 2023-2028

6.2.3 By Region - Global Free Space Optics Communication Revenue Market Share, 2017-2028

6.3 North America

6.3.1 By Country - North America Free Space Optics Communication Revenue, 2017-2028

6.3.2 US Free Space Optics Communication Market Size, 2017-2028

6.3.3 Canada Free Space Optics Communication Market Size, 2017-2028

6.3.4 Mexico Free Space Optics Communication Market Size, 2017-2028

6.4 Europe

6.4.1 By Country - Europe Free Space Optics Communication Revenue, 2017-2028

6.4.2 Germany Free Space Optics Communication Market Size, 2017-2028

6.4.3 France Free Space Optics Communication Market Size, 2017-2028

6.4.4 U.K. Free Space Optics Communication Market Size, 2017-2028

6.4.5 Italy Free Space Optics Communication Market Size, 2017-2028

6.4.6 Russia Free Space Optics Communication Market Size, 2017-2028

6.4.7 Nordic Countries Free Space Optics Communication Market Size, 2017-2028

6.4.8 Benelux Free Space Optics Communication Market Size, 2017-2028

6.5 Asia

6.5.1 By Region - Asia Free Space Optics Communication Revenue, 2017-2028

6.5.2 China Free Space Optics Communication Market Size, 2017-2028

6.5.3 Japan Free Space Optics Communication Market Size, 2017-2028

6.5.4 South Korea Free Space Optics Communication Market Size, 2017-2028

6.5.5 Southeast Asia Free Space Optics Communication Market Size, 2017-2028

6.5.6 India Free Space Optics Communication Market Size, 2017-2028

6.6 South America

6.6.1 By Country - South America Free Space Optics Communication Revenue, 2017-2028

6.6.2 Brazil Free Space Optics Communication Market Size, 2017-2028

6.6.3 Argentina Free Space Optics Communication Market Size, 2017-2028

6.7 Middle East & Africa

6.7.1 By Country - Middle East & Africa Free Space Optics Communication Revenue, 2017-2028

6.7.2 Turkey Free Space Optics Communication Market Size, 2017-2028

6.7.3 Israel Free Space Optics Communication Market Size, 2017-2028

6.7.4 Saudi Arabia Free Space Optics Communication Market Size, 2017-2028

6.7.5 UAE Free Space Optics Communication Market Size, 2017-2028

## **7 PLAYERS PROFILES**



## 7.1 Mostcom Ltd.

7.1.1 Mostcom Ltd. Corporate Summary

7.1.2 Mostcom Ltd. Business Overview

7.1.3 Mostcom Ltd. Free Space Optics Communication Major Product Offerings

7.1.4 Mostcom Ltd. Free Space Optics Communication Revenue in Global Market (2017-2022)

7.1.5 Mostcom Ltd. Key News

## 7.2 Trimble Hungary Ltd.

7.2.1 Trimble Hungary Ltd. Corporate Summary

7.2.2 Trimble Hungary Ltd. Business Overview

7.2.3 Trimble Hungary Ltd. Free Space Optics Communication Major Product Offerings

7.2.4 Trimble Hungary Ltd. Free Space Optics Communication Revenue in Global Market (2017-2022)

7.2.5 Trimble Hungary Ltd. Key News

## 7.3 AOptix Technologies Inc.

7.3.1 AOptix Technologies Inc. Corporate Summary

7.3.2 AOptix Technologies Inc. Business Overview

7.3.3 AOptix Technologies Inc. Free Space Optics Communication Major Product Offerings

7.3.4 AOptix Technologies Inc. Free Space Optics Communication Revenue in Global Market (2017-2022)

7.3.5 AOptix Technologies Inc. Key News

## 7.4 Optelix

7.4.1 Optelix Corporate Summary

7.4.2 Optelix Business Overview

7.4.3 Optelix Free Space Optics Communication Major Product Offerings

7.4.4 Optelix Free Space Optics Communication Revenue in Global Market (2017-2022)

7.4.5 Optelix Key News

## 7.5 IBSENtelecom Ltd.

7.5.1 IBSENtelecom Ltd. Corporate Summary

7.5.2 IBSENtelecom Ltd. Business Overview

7.5.3 IBSENtelecom Ltd. Free Space Optics Communication Major Product Offerings

7.5.4 IBSENtelecom Ltd. Free Space Optics Communication Revenue in Global Market (2017-2022)

7.5.5 IBSENtelecom Ltd. Key News

## 7.6 Harris Corporation

- 7.6.1 Harris Corporation Corporate Summary
- 7.6.2 Harris Corporation Business Overview
- 7.6.3 Harris Corporation Free Space Optics Communication Major Product Offerings
- 7.6.4 Harris Corporation Free Space Optics Communication Revenue in Global Market (2017-2022)
- 7.6.5 Harris Corporation Key News
- 7.7 LightPointe Communications, Inc.
  - 7.7.1 LightPointe Communications, Inc. Corporate Summary
  - 7.7.2 LightPointe Communications, Inc. Business Overview
  - 7.7.3 LightPointe Communications, Inc. Free Space Optics Communication Major Product Offerings
  - 7.7.4 LightPointe Communications, Inc. Free Space Optics Communication Revenue in Global Market (2017-2022)
  - 7.7.5 LightPointe Communications, Inc. Key News
- 7.8 Anova Technologies
  - 7.8.1 Anova Technologies Corporate Summary
  - 7.8.2 Anova Technologies Business Overview
  - 7.8.3 Anova Technologies Free Space Optics Communication Major Product Offerings
  - 7.8.4 Anova Technologies Free Space Optics Communication Revenue in Global Market (2017-2022)
  - 7.8.5 Anova Technologies Key News
- 7.9 Wireless Excellence Limited
  - 7.9.1 Wireless Excellence Limited Corporate Summary
  - 7.9.2 Wireless Excellence Limited Business Overview
  - 7.9.3 Wireless Excellence Limited Free Space Optics Communication Major Product Offerings
  - 7.9.4 Wireless Excellence Limited Free Space Optics Communication Revenue in Global Market (2017-2022)
  - 7.9.5 Wireless Excellence Limited Key News
- 7.10 fSONA Networks Corp.
  - 7.10.1 fSONA Networks Corp. Corporate Summary
  - 7.10.2 fSONA Networks Corp. Business Overview
  - 7.10.3 fSONA Networks Corp. Free Space Optics Communication Major Product Offerings
  - 7.10.4 fSONA Networks Corp. Free Space Optics Communication Revenue in Global Market (2017-2022)
  - 7.10.5 fSONA Networks Corp. Key News

## **8 CONCLUSION**

## **9 APPENDIX**

9.1 Note

9.2 Examples of Clients

9.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Free Space Optics Communication Market Opportunities & Trends in Global Market

Table 2. Free Space Optics Communication Market Drivers in Global Market

Table 3. Free Space Optics Communication Market Restraints in Global Market

Table 4. Key Players of Free Space Optics Communication in Global Market

Table 5. Top Free Space Optics Communication Players in Global Market, Ranking by Revenue (2021)

Table 6. Global Free Space Optics Communication Revenue by Companies, (US\$, Mn), 2017-2022

Table 7. Global Free Space Optics Communication Revenue Share by Companies, 2017-2022

Table 8. Global Companies Free Space Optics Communication Product Type

Table 9. List of Global Tier 1 Free Space Optics Communication Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Free Space Optics Communication Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Free Space Optics Communication Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Free Space Optics Communication Revenue in Global (US\$, Mn), 2017-2022

Table 13. By Type - Free Space Optics Communication Revenue in Global (US\$, Mn), 2023-2028

Table 14. By Application – Global Free Space Optics Communication Revenue, (US\$, Mn), 2021 & 2028

Table 15. By Application - Free Space Optics Communication Revenue in Global (US\$, Mn), 2017-2022

Table 16. By Application - Free Space Optics Communication Revenue in Global (US\$, Mn), 2023-2028

Table 17. By Region – Global Free Space Optics Communication Revenue, (US\$, Mn), 2021 & 2028

Table 18. By Region - Global Free Space Optics Communication Revenue (US\$, Mn), 2017-2022

Table 19. By Region - Global Free Space Optics Communication Revenue (US\$, Mn), 2023-2028

Table 20. By Country - North America Free Space Optics Communication Revenue,

(US\$, Mn), 2017-2022

Table 21. By Country - North America Free Space Optics Communication Revenue, (US\$, Mn), 2023-2028

Table 22. By Country - Europe Free Space Optics Communication Revenue, (US\$, Mn), 2017-2022

Table 23. By Country - Europe Free Space Optics Communication Revenue, (US\$, Mn), 2023-2028

Table 24. By Region - Asia Free Space Optics Communication Revenue, (US\$, Mn), 2017-2022

Table 25. By Region - Asia Free Space Optics Communication Revenue, (US\$, Mn), 2023-2028

Table 26. By Country - South America Free Space Optics Communication Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - South America Free Space Optics Communication Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - Middle East & Africa Free Space Optics Communication Revenue, (US\$, Mn), 2017-2022

Table 29. By Country - Middle East & Africa Free Space Optics Communication Revenue, (US\$, Mn), 2023-2028

Table 30. Mostcom Ltd. Corporate Summary

Table 31. Mostcom Ltd. Free Space Optics Communication Product Offerings

Table 32. Mostcom Ltd. Free Space Optics Communication Revenue (US\$, Mn), (2017-2022)

Table 33. Trimble Hungary Ltd. Corporate Summary

Table 34. Trimble Hungary Ltd. Free Space Optics Communication Product Offerings

Table 35. Trimble Hungary Ltd. Free Space Optics Communication Revenue (US\$, Mn), (2017-2022)

Table 36. AOptix Technologies Inc. Corporate Summary

Table 37. AOptix Technologies Inc. Free Space Optics Communication Product Offerings

Table 38. AOptix Technologies Inc. Free Space Optics Communication Revenue (US\$, Mn), (2017-2022)

Table 39. Optelix Corporate Summary

Table 40. Optelix Free Space Optics Communication Product Offerings

Table 41. Optelix Free Space Optics Communication Revenue (US\$, Mn), (2017-2022)

Table 42. IBSENtelecom Ltd. Corporate Summary

Table 43. IBSENtelecom Ltd. Free Space Optics Communication Product Offerings

Table 44. IBSENtelecom Ltd. Free Space Optics Communication Revenue (US\$, Mn), (2017-2022)

Table 45. Harris Corporation Corporate Summary

Table 46. Harris Corporation Free Space Optics Communication Product Offerings

Table 47. Harris Corporation Free Space Optics Communication Revenue (US\$, Mn), (2017-2022)

Table 48. LightPointe Communications, Inc. Corporate Summary

Table 49. LightPointe Communications, Inc. Free Space Optics Communication Product Offerings

Table 50. LightPointe Communications, Inc. Free Space Optics Communication Revenue (US\$, Mn), (2017-2022)

Table 51. Anova Technologies Corporate Summary

Table 52. Anova Technologies Free Space Optics Communication Product Offerings

Table 53. Anova Technologies Free Space Optics Communication Revenue (US\$, Mn), (2017-2022)

Table 54. Wireless Excellence Limited Corporate Summary

Table 55. Wireless Excellence Limited Free Space Optics Communication Product Offerings

Table 56. Wireless Excellence Limited Free Space Optics Communication Revenue (US\$, Mn), (2017-2022)

Table 57. fSONA Networks Corp. Corporate Summary

Table 58. fSONA Networks Corp. Free Space Optics Communication Product Offerings

Table 59. fSONA Networks Corp. Free Space Optics Communication Revenue (US\$, Mn), (2017-2022)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Free Space Optics Communication Segment by Type in 2021
- Figure 2. Free Space Optics Communication Segment by Application in 2021
- Figure 3. Global Free Space Optics Communication Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Free Space Optics Communication Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Free Space Optics Communication Revenue, 2017-2028 (US\$, Mn)
- Figure 7. The Top 3 and 5 Players Market Share by Free Space Optics Communication Revenue in 2021
- Figure 8. By Type - Global Free Space Optics Communication Revenue Market Share, 2017-2028
- Figure 9. By Application - Global Free Space Optics Communication Revenue Market Share, 2017-2028
- Figure 10. By Region - Global Free Space Optics Communication Revenue Market Share, 2017-2028
- Figure 11. By Country - North America Free Space Optics Communication Revenue Market Share, 2017-2028
- Figure 12. US Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028
- Figure 13. Canada Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028
- Figure 14. Mexico Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028
- Figure 15. By Country - Europe Free Space Optics Communication Revenue Market Share, 2017-2028
- Figure 16. Germany Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028
- Figure 17. France Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028
- Figure 18. U.K. Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028
- Figure 19. Italy Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028
- Figure 20. Russia Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028
- Figure 21. Nordic Countries Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028
- Figure 22. Benelux Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028
- Figure 23. By Region - Asia Free Space Optics Communication Revenue Market Share, 2017-2028
- Figure 24. China Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028
- Figure 25. Japan Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028

Figure 26. South Korea Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028

Figure 27. Southeast Asia Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028

Figure 28. India Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028

Figure 29. By Country - South America Free Space Optics Communication Revenue Market Share, 2017-2028

Figure 30. Brazil Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028

Figure 31. Argentina Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028

Figure 32. By Country - Middle East & Africa Free Space Optics Communication Revenue Market Share, 2017-2028

Figure 33. Turkey Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028

Figure 34. Israel Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028

Figure 35. Saudi Arabia Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028

Figure 36. UAE Free Space Optics Communication Revenue, (US\$, Mn), 2017-2028

Figure 37. Mostcom Ltd. Free Space Optics Communication Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 38. Trimble Hungary Ltd. Free Space Optics Communication Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 39. AOptix Technologies Inc. Free Space Optics Communication Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 40. Optelix Free Space Optics Communication Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 41. IBSENtelecom Ltd. Free Space Optics Communication Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 42. Harris Corporation Free Space Optics Communication Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 43. LightPointe Communications, Inc. Free Space Optics Communication Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 44. Anova Technologies Free Space Optics Communication Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 45. Wireless Excellence Limited Free Space Optics Communication Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 46. fSONA Networks Corp. Free Space Optics Communication Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)



## I would like to order

Product name: Free Space Optics Communication Market - Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/F0D5A31B7F1DEN.html>

Price: US\$ 3,250.00 (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/F0D5A31B7F1DEN.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