

COVID-19 World Fiber Bragg Grating (FBG) Market Research Report (by Product Type, End-User/Application and Regions/Countries)

<https://marketpublishers.com/r/C6386FC84883EN.html>

Date: August 2020

Pages: 118

Price: US\$ 2,800.00 (Single User License)

ID: C6386FC84883EN

Abstracts

SUMMARY

A fiber Bragg grating (FBG) is a type of distributed Bragg reflector constructed in a short segment of optical fiber that reflects particular wavelengths of light and transmits all others. This is achieved by adding a periodic variation to the refractive index of the fiber core, which generates a wavelength specific dielectric mirror. An FBG is an invisible reflector inside the core of the fiber that is set to a specific wavelength of light. When the fiber where the FBG is located is exposed to strain or temperature, the FBG's "center wavelength" shifts to a higher or lower wavelength. The direction and magnitude of the shift is proportional to the change in strain or temperature.

This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

The report includes as follows:

The report provides current data, historical overview and future forecast.

The report includes an in-depth analysis of the Global market for Fiber Bragg Grating (FBG) , covering Global total and major region markets.

The data of 2017-2025 are included. All-inclusive market are given through data on sales, consumption, and prices (Global total and by major regions).

The report provides introduction of leading Global manufacturers.

Fiber Bragg Grating (FBG) market prospects to 2025 are included (in sales, consumption and price).

Market Segment as follows:

By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

Asia-Pacific (China, India, Japan, Southeast Asia etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

By Type

Fiber Bragg Grating Filter

Fiber Bragg Grating Sensors

Others

By End-User / Application

Optical Communication

Aerospace Applications

Energy industry

Transportation

Geo-Technical & Civil Engineering

Others

By Company

Micron Optics

Proximion AB

HBM FiberSensing

ITF Technologies Inc

FBGS Technologies GmbH

Technica

iXFiber

Smart Fibres Limited

fos4x

Advanced Optics Solutions GmbH

Wuhan Ligong Guangke

TeraXion

FBG Korea

GEOPTEX bvba (FOS&S)

Alnair Labs Corporation

Contents

PART 1 MARKET DEFINITION

1.1 Market Segment Overview

Figure Global Fiber Bragg Grating (FBG) Market Size (Million USD) 2017-2025

1.2 by Type

Table Global Fiber Bragg Grating (FBG) Market and Growth by Type

1.3 by End-Use / Application

Table Global Fiber Bragg Grating (FBG) Market and Growth by End-Use / Application

2 GLOBAL MARKET BY VENDORS

2.1 Market Share

Table Global Fiber Bragg Grating (FBG) Revenue (Million USD) by Vendors (2017-2019)

Table Global Fiber Bragg Grating (FBG) Revenue Share by Vendors (2017-2019)

Table Global Fiber Bragg Grating (FBG) Market Volume (Volume) by Vendors (2017-2019)

Table Global Fiber Bragg Grating (FBG) Market Volume Share by Vendors (2017-2019)

2.2 Vendor Profile

Table Headquarter, Factories & Sales Regions Comparison of Vendors

Table Product List of Vendors

2.3 Dynamic of Vendors

3 GLOBAL MARKET BY TYPE

3.1 Market Share

Table Global Fiber Bragg Grating (FBG) Market (Million USD) by Type (2017-2019)

Table Global Fiber Bragg Grating (FBG) Market Share by Type (2017-2019)

Table Global Fiber Bragg Grating (FBG) Market Volume (Volume) by Type (2017-2019)

Table Global Fiber Bragg Grating (FBG) Market Volume Share by Type (2017-2019)

3.2 Introduction of End-Use by Different Products

4 GLOBAL MARKET BY END-USE / APPLICATION

4.1 Market Share

Table Global Fiber Bragg Grating (FBG) Market (Million USD) by End-Use / Application (2017-2019)

Table Global Fiber Bragg Grating (FBG) Market Share by End-Use / Application (2017-2019)

Table Global Fiber Bragg Grating (FBG) Market Volume (Volume) by End-Use / Application (2017-2019)

Table Global Fiber Bragg Grating (FBG) Market Volume Share by End-Use / Application (2017-2019)

4.2 Overview of Consumption Characteristics

4.2.1 Preference Driven

4.2.2 Substitutability

4.2.3 Influence by Strategy

4.2.4 Professional Needs

5 GLOBAL MARKET BY REGIONS

5.1 Market Share

Table Global Fiber Bragg Grating (FBG) Market (Million USD) by Regions (2017-2019)

Table Global Fiber Bragg Grating (FBG) Market Share by Regions (2017-2019)

Table Global Fiber Bragg Grating (FBG) Market Volume (Volume) by Regions (2017-2019)

Table Global Fiber Bragg Grating (FBG) Market Volume Share by Regions (2017-2019)

5.2 Regional Market Growth

5.2.1 North America

Figure North America Market Growth 2015-2018

5.2.2 Europe

Figure Europe Market Growth 2017-2019

5.2.3 Asia-Pacific

Figure Asia-Pacific Market Growth 2017-2019

5.2.4 South America

Figure South America Market Growth 2017-2019

5.2.5 Middle East & Africa

Figure Middle East & Africa Market Growth 2017-2019

6 NORTH AMERICA MARKET

6.1 by Type

Table North America Fiber Bragg Grating (FBG) Market (Million USD) by Type (2017-2019)

Table North America Fiber Bragg Grating (FBG) Market Share by Type (2017-2019)

6.2 by End-Use / Application

Table North America Fiber Bragg Grating (FBG) Market (Million USD) by End-Use / Application (2017-2019)

Table North America Fiber Bragg Grating (FBG) Market Share by End-Use / Application (2017-2019)

6.3 by Regions

Table North America Fiber Bragg Grating (FBG) Market (Million USD) by Regions (2017-2019)

Table North America Fiber Bragg Grating (FBG) Market Share by Regions (2017-2019)

7 EUROPE MARKET

7.1 by Type

Table Europe Fiber Bragg Grating (FBG) Market (Million USD) by Type (2017-2019)

Table Europe Fiber Bragg Grating (FBG) Market Share by Type (2017-2019)

7.2 by End-Use / Application

Table Europe Fiber Bragg Grating (FBG) Market (Million USD) by End-Use / Application (2017-2019)

Table Europe Fiber Bragg Grating (FBG) Market Share by End-Use / Application (2017-2019)

7.3 by Regions

Table Europe Fiber Bragg Grating (FBG) Market (Million USD) by Regions (2017-2019)

Table Europe Fiber Bragg Grating (FBG) Market Share by Regions (2017-2019)

8 ASIA-PACIFIC MARKET

8.1 by Type

Table Asia-Pacific Fiber Bragg Grating (FBG) Market (Million USD) by Type (2017-2019)

Table Asia-Pacific Fiber Bragg Grating (FBG) Market Share by Type (2017-2019)

8.2 by End-Use / Application

Table Asia-Pacific Fiber Bragg Grating (FBG) Market (Million USD) by End-Use / Application (2017-2019)

Table Asia-Pacific Fiber Bragg Grating (FBG) Market Share by End-Use / Application (2017-2019)

8.3 by Regions

Table Asia-Pacific Fiber Bragg Grating (FBG) Market (Million USD) by Regions (2017-2019)

Table Asia-Pacific Fiber Bragg Grating (FBG) Market Share by Regions (2017-2019)

9 SOUTH AMERICA MARKET

9.1 by Type

Table South America Fiber Bragg Grating (FBG) Market (Million USD) by Type (2017-2019)

Table South America Fiber Bragg Grating (FBG) Market Share by Type (2017-2019)

9.2 by End-Use / Application

Table South America Fiber Bragg Grating (FBG) Market (Million USD) by End-Use / Application (2017-2019)

Table South America Fiber Bragg Grating (FBG) Market Share by End-Use / Application (2017-2019)

9.3 by Regions

Table South America Fiber Bragg Grating (FBG) Market (Million USD) by Regions (2017-2019)

Table Middle East & Africa Fiber Bragg Grating (FBG) Market Share by Regions (2017-2019)

10 MIDDLE EAST & AFRICA MARKET

10.1 by Type

Table Middle East & Africa Fiber Bragg Grating (FBG) Market (Million USD) by Type (2017-2019)

Table Middle East & Africa Fiber Bragg Grating (FBG) Market Share by Type (2017-2019)

10.2 by End-Use / Application

Table Middle East & Africa Fiber Bragg Grating (FBG) Market (Million USD) by End-Use / Application (2017-2019)

Table Middle East & Africa Fiber Bragg Grating (FBG) Market Share by End-Use / Application (2017-2019)

10.3 by Regions

Table Middle East & Africa Fiber Bragg Grating (FBG) Market (Million USD) by Regions (2017-2019)

Table Middle East & Africa Fiber Bragg Grating (FBG) Market Share by Regions (2017-2019)

11 MARKET FORECAST

11.1 Global Market Forecast (2020-2025)

Figure Global Fiber Bragg Grating (FBG) Market (Million USD) and Growth Forecast

(2020-2025)

Figure Global Fiber Bragg Grating (FBG) Market Volume (Volume) and Growth Forecast (2020-2025)

11.2 Market Forecast by Regions (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market (Million USD) Forecast by Regions (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market Share Forecast by Regions (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market Volume (Volume) Forecast by Regions (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market Volume Share Forecast by Regions (2020-2025)

11.3 Market Forecast by Type (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market (Million USD) Forecast by Type (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market Share by Forecast Type (2020-2025)

11.4 Market Forecast by End-Use / Application (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market (Million USD) Forecast by End-Use / Application (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market Share Forecast by End-Use / Application (2020-2025)

12 KEY MANUFACTURERS

12.ADOBE MICRON OPTICS

12.1.2 Company Overview

12.1.2 Product and End-User / Application

12.1.3 Business Data (Capacity, Sales Revenue, Volume, Price, Cost and Margin)

Table Sales Revenue, Volume, Price, Cost and Margin of Micron Optics

12.2 Proximion AB

12.3 HBM FiberSensing

12.4 ITF Technologies Inc

12.5 FBGS Technologies GmbH

12.6 Technica

12.7 iXFiber

12.8 Smart Fibres Limited

12.9 fos4x

12.10 Advanced Optics Solutions GmbH

12.11 Wuhan Ligong Guangke

12.12 TeraXion

12.13 FBG Korea

12.14 GEOPTEX bvba (FOS&S)

12.15 Alnair Labs Corporation

13 OVERVIEW OF INDUSTRY DEVELOPMENT (COVID-19)

13.1 Analysis of Industry Development (COVID-19)

13.2 Industry Development Stage (COVID-19)

13.3 General Situation of Industry Development (COVID-19)

13.4 Analysis of Industry Development Characteristics (COVID-19)

14 RESEARCH CONCLUSION

List Of Tables

LIST OF TABLES

- Table Global Fiber Bragg Grating (FBG) Market and Growth by Type
- Table Global Fiber Bragg Grating (FBG) Market and Growth by End-Use / Application
- Table Global Fiber Bragg Grating (FBG) Revenue (Million USD) by Vendors (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Revenue Share by Vendors (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Market Volume (Volume) by Vendors (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Market Volume Share by Vendors (2017-2019)
- Table Headquarter, Factories & Sales Regions Comparison of Vendors
- Table Product List of Vendors
- Table Global Fiber Bragg Grating (FBG) Market (Million USD) by Type (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Market Share by Type (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Market Volume (Volume) by Type (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Market Volume Share by Type (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Market (Million USD) by End-Use / Application (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Market Share by End-Use / Application (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Market Volume (Volume) by End-Use / Application (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Market Volume Share by End-Use / Application (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Market (Million USD) by Regions (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Market Share by Regions (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Market Volume (Volume) by Regions (2017-2019)
- Table Global Fiber Bragg Grating (FBG) Market Volume Share by Regions (2017-2019)
- Table North America Fiber Bragg Grating (FBG) Market (Million USD) by Type (2017-2019)
- Table North America Fiber Bragg Grating (FBG) Market Share by Type (2017-2019)
- Table North America Fiber Bragg Grating (FBG) Market (Million USD) by End-Use / Application (2017-2019)
- Table North America Fiber Bragg Grating (FBG) Market Share by End-Use / Application (2017-2019)
- Table North America Fiber Bragg Grating (FBG) Market (Million USD) by Regions

(2017-2019)

Table North America Fiber Bragg Grating (FBG) Market Share by Regions (2017-2019)

Table Europe Fiber Bragg Grating (FBG) Market (Million USD) by Type (2017-2019)

Table Europe Fiber Bragg Grating (FBG) Market Share by Type (2017-2019)

Table Europe Fiber Bragg Grating (FBG) Market (Million USD) by End-Use / Application (2017-2019)

Table Europe Fiber Bragg Grating (FBG) Market Share by End-Use / Application (2017-2019)

Table Europe Fiber Bragg Grating (FBG) Market (Million USD) by Regions (2017-2019)

Table Europe Fiber Bragg Grating (FBG) Market Share by Regions (2017-2019)

Table Asia-Pacific Fiber Bragg Grating (FBG) Market (Million USD) by Type (2017-2019)

Table Asia-Pacific Fiber Bragg Grating (FBG) Market Share by Type (2017-2019)

Table Asia-Pacific Fiber Bragg Grating (FBG) Market (Million USD) by End-Use / Application (2017-2019)

Table Asia-Pacific Fiber Bragg Grating (FBG) Market Share by End-Use / Application (2017-2019)

Table Asia-Pacific Fiber Bragg Grating (FBG) Market (Million USD) by Regions (2017-2019)

Table Asia-Pacific Fiber Bragg Grating (FBG) Market Share by Regions (2017-2019)

Table South America Fiber Bragg Grating (FBG) Market (Million USD) by Type (2017-2019)

Table South America Fiber Bragg Grating (FBG) Market Share by Type (2017-2019)

Table South America Fiber Bragg Grating (FBG) Market (Million USD) by End-Use / Application (2017-2019)

Table South America Fiber Bragg Grating (FBG) Market Share by End-Use / Application (2017-2019)

Table South America Fiber Bragg Grating (FBG) Market (Million USD) by Regions (2017-2019)

Table Middle East & Africa Fiber Bragg Grating (FBG) Market Share by Regions (2017-2019)

Table Middle East & Africa Fiber Bragg Grating (FBG) Market (Million USD) by Type (2017-2019)

Table Middle East & Africa Fiber Bragg Grating (FBG) Market Share by Type (2017-2019)

Table Middle East & Africa Fiber Bragg Grating (FBG) Market (Million USD) by End-Use / Application (2017-2019)

Table Middle East & Africa Fiber Bragg Grating (FBG) Market Share by End-Use / Application (2017-2019)

Table Middle East & Africa Fiber Bragg Grating (FBG) Market (Million USD) by Regions (2017-2019)

Table Middle East & Africa Fiber Bragg Grating (FBG) Market Share by Regions (2017-2019)

Table Global Fiber Bragg Grating (FBG) Market (Million USD) Forecast by Regions (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market Share Forecast by Regions (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market Volume (Volume) Forecast by Regions (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market Volume Share Forecast by Regions (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market (Million USD) Forecast by Type (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market Share by Forecast Type (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market (Million USD) Forecast by End-Use / Application (2020-2025)

Table Global Fiber Bragg Grating (FBG) Market Share Forecast by End-Use / Application (2020-2025)

Table Sales Revenue, Volume, Price, Cost and Margin of Micron Optics

Table Sales Revenue, Volume, Price, Cost and Margin of Proximion AB

Table Sales Revenue, Volume, Price, Cost and Margin of HBM FiberSensing

Table Sales Revenue, Volume, Price, Cost and Margin of ITF Technologies Inc

Table Sales Revenue, Volume, Price, Cost and Margin of FBGS Technologies GmbH

Table Sales Revenue, Volume, Price, Cost and Margin of Technica

Table Sales Revenue, Volume, Price, Cost and Margin of iXFiber

Table Sales Revenue, Volume, Price, Cost and Margin of Smart Fibres Limited

Table Sales Revenue, Volume, Price, Cost and Margin of fos4x

Table Sales Revenue, Volume, Price, Cost and Margin of Advanced Optics Solutions GmbH

Table Sales Revenue, Volume, Price, Cost and Margin of Wuhan Ligong Guangke

Table Sales Revenue, Volume, Price, Cost and Margin of TeraXion

Table Sales Revenue, Volume, Price, Cost and Margin of FBG Korea

Table Sales Revenue, Volume, Price, Cost and Margin of GEOPTEX bvba (FOS&S)

Table Sales Revenue, Volume, Price, Cost and Margin of Alnair Labs Corporation

List Of Figures

LIST OF FIGURES

Figure Global Fiber Bragg Grating (FBG) Market Size (Million USD) 2017-2025

Figure North America Market Growth 2015-2018

Figure Europe Market Growth 2017-2019

Figure Asia-Pacific Market Growth 2017-2019

Figure South America Market Growth 2017-2019

Figure Middle East & Africa Market Growth 2017-2019

Figure Global Fiber Bragg Grating (FBG) Market (Million USD) and Growth Forecast (2020-2025)

Figure Global Fiber Bragg Grating (FBG) Market Volume (Volume) and Growth Forecast (2020-2025)

I would like to order

Product name: COVID-19 World Fiber Bragg Grating (FBG) Market Research Report (by Product Type, End-User/Application and Regions/Countries)

Product link: <https://marketpublishers.com/r/C6386FC84883EN.html>

Price: US\$ 2,800.00 (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/C6386FC84883EN.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

