

Fiber Bragg Grating (FBG) Market Research: Global Status & Forecast by Geography, Type & Application (2015-2025)

https://marketpublishers.com/r/FE8F0DA1AA0EN.html

Date: June 2019

Pages: 67

Price: US\$ 2,280.00 (Single User License)

ID: FE8F0DA1AA0EN

Abstracts

According to 99Strategy, the Global Fiber Bragg Grating (FBG) Market is estimated to reach xxx million USD in 2019 and projected to grow at the CAGR of xx% during the 2020-2025. The report analyses the global Fiber Bragg Grating (FBG) market, the market size and growth, as well as the major market participants.

The analysis includes market size, upstream situation, market segmentation, market segmentation, price & cost and industry environment. In addition, the report outlines the factors driving industry growth and the description of market channels. The report begins from overview of industrial chain structure, and describes the upstream. Besides, the report analyses market size and forecast in different geographies, type and end-use segment, in addition, the report introduces market competition overview among the major companies and companies profiles, besides, market price and channel features are covered in the report.

Key Regions

Asia Pacific

North America

Europe

South America

Middle East & Africa



Key Companies 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 byba (FOS&S) Alnair Labs Corporation

Key Product Type

Fiber Bragg Grating Filter



	Fiber Bragg Grating Sensors	
	Others	
Market	t by Application	
	Optical Communication	
	Aerospace Applications	
	Energy industry	
	Transportation	
	Geo-Technical &Civil Engineering	
	Others	
Main Aspects covered in the Report		
	Overview of the Fiber Bragg Grating (FBG) market including production, consumption, status & forecast and market growth	
	2015-2018 historical data and 2019-2025 market forecast	
	Geographical analysis including major countries	
	Overview the product type market including development	

Overview the end-user market including development



Contents

1 INDUSTRIAL CHAIN OVERVIEW

- 1.1 Fiber Bragg Grating (FBG) Industry
 - 1.1.1 Overview
- 1.1.2 Characteristics of Fiber Bragg Grating (FBG)
- 1.2 Upstream
 - 1.2.1 Major Materials
 - 1.2.2 Manufacturing Overview
- 1.3 Product List By Type
 - 1.3.1 Fiber Bragg Grating Filter
 - 1.3.2 Fiber Bragg Grating Sensors
 - 1.3.3 Others
- 1.4 End-Use List
 - 1.4.1 Demand in Optical Communication
 - 1.4.2 Demand in Aerospace Applications
 - 1.4.3 Demand in Energy industry
 - 1.4.4 Demand in Transportation
 - 1.4.5 Demand in Geo-Technical & Civil Engineering
 - 1.4.6 Demand in Others
- 1.5 Global Market Overview
- 1.5.1 Global Market Size and Forecast, 2015-2025
- 1.5.2 Global Market Size and Forecast by Geography with CAGR, 2015-2025
- 1.5.3 Global Market Size and Forecast by Product Type with CAGR, 2015-2025
- 1.5.4 Global Market Size and Forecast by End-Use with CAGR, 2015-2025

2 GLOBAL PRODUCTION & CONSUMPTION BY GEOGRAPHY

- 2.1 Global Production & Consumption
 - 2.1.1 Global Production
 - 2.1.2 Global Consumption
- 2.2 Geographic Production & Consumption
 - 2.2.1 Production
 - 2.2.1.1 Asia-Pacific
 - 2.2.1.2 North America
 - 2.2.1.3 South America
 - 2.2.1.4 Europe
 - 2.2.1.5 Middle East & Africa



- 2.2.2 Consumption
 - 2.2.2.1 Asia-Pacific
 - 2.2.2.2 North America
 - 2.2.2.3 South America
 - 2.2.2.4 Europe
 - 2.2.2.5 Middle East & Africa

3 MAJOR MANUFACTURERS INTRODUCTION

- 3.1 Manufacturers Overview
- 3.2 Manufacturers List
 - 3.2.1 Micron Optics Overview
 - 3.2.1.1 Product Specifications
 - 3.2.1.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.1.3 Recent Developments
 - 3.2.1.4 Future Strategic Planning
 - 3.2.2 Proximion AB Overview
 - 3.2.2.1 Product Specifications
 - 3.2.2.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.2.3 Recent Developments
 - 3.2.2.4 Future Strategic Planning
 - 3.2.3 HBM FiberSensing Overview
 - 3.2.3.1 Product Specifications
 - 3.2.3.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.3.3 Recent Developments
 - 3.2.3.4 Future Strategic Planning
 - 3.2.4 ITF Technologies Inc Overview
 - 3.2.4.1 Product Specifications
 - 3.2.4.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.4.3 Recent Developments
 - 3.2.4.4 Future Strategic Planning
 - 3.2.5 FBGS Technologies GmbH Overview
 - 3.2.5.1 Product Specifications
 - 3.2.5.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)



- 3.2.5.3 Recent Developments
- 3.2.5.4 Future Strategic Planning
- 3.2.6 Technica Overview
- 3.2.6.1 Product Specifications
- 3.2.6.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.6.3 Recent Developments
 - 3.2.6.4 Future Strategic Planning
 - 3.2.7 iXFiber Overview
 - 3.2.7.1 Product Specifications
 - 3.2.7.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.7.3 Recent Developments
 - 3.2.7.4 Future Strategic Planning
 - 3.2.8 Smart Fibres Limited Overview
 - 3.2.8.1 Product Specifications
 - 3.2.8.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.8.3 Recent Developments
 - 3.2.8.4 Future Strategic Planning
 - 3.2.9 fos4x Overview
 - 3.2.9.1 Product Specifications
 - 3.2.9.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.9.3 Recent Developments
 - 3.2.9.4 Future Strategic Planning
 - 3.2.10 Advanced Optics Solutions GmbH Overview
 - 3.2.10.1 Product Specifications
 - 3.2.10.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.10.3 Recent Developments
 - 3.2.10.4 Future Strategic Planning
 - 3.2.11 Wuhan Ligong Guangke Overview
 - 3.2.11.1 Product Specifications
 - 3.2.11.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.11.3 Recent Developments
 - 3.2.11.4 Future Strategic Planning
 - 3.2.12 TeraXion Overview



- 3.2.12.1 Product Specifications
- 3.2.12.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.12.3 Recent Developments
 - 3.2.12.4 Future Strategic Planning
 - 3.2.13 FBG Korea Overview
 - 3.2.13.1 Product Specifications
 - 3.2.13.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.13.3 Recent Developments
 - 3.2.13.4 Future Strategic Planning
 - 3.2.14 GEOPTEX bvba (FOS&S) Overview
 - 3.2.14.1 Product Specifications
 - 3.2.14.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.14.3 Recent Developments
 - 3.2.14.4 Future Strategic Planning
 - 3.2.15 Alnair Labs Corporation Overview
 - 3.2.15.1 Product Specifications
 - 3.2.15.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
 - 3.2.15.3 Recent Developments
 - 3.2.15.4 Future Strategic Planning

4 MARKET COMPETITION PATTERN

- 4.1 Market Size and Sketch
- 4.2 Company Market Share
 - 4.2.1 Global Production by Major Manufacturers
 - 4.2.2 Market Concentration Analysis
- 4.3 Market News and Trend
 - 4.3.1 Merger & Acquisition
 - 4.3.2 New Product Launch

5 PRODUCT TYPE SEGMENT

- 5.1 Global Overview by Product Type Segment
- 5.2 Segment Subdivision by Product Type
 - 5.2.1 Market in Fiber Bragg Grating Filter



- 5.2.1.1 Market Size
- 5.2.1.2 Situation & Development
- 5.2.2 Market in Fiber Bragg Grating Sensors
 - 5.2.2.1 Market Size
 - 5.2.2.2 Situation & Development
- 5.2.3 Market in Others
 - 5.2.3.1 Market Size
 - 5.2.3.2 Situation & Development

6 END-USE SEGMENT

- 6.1 Global Overview by End-Use Segment
- 6.2 Segment Subdivision
 - 6.2.1 Market in Optical Communication
 - 6.2.1.1 Market Size
 - 6.2.1.2 Situation & Development
 - 6.2.2 Market in Aerospace Applications
 - 6.2.2.1 Market Size
 - 6.2.2.2 Situation & Development
 - 6.2.3 Market in Energy industry
 - 6.2.3.1 Market Size
 - 6.2.3.2 Situation & Development
 - 6.2.4 Market in Transportation
 - 6.2.4.1 Market Size
 - 6.2.4.2 Situation & Development
 - 6.2.5 Market in Geo-Technical & Civil Engineering
 - 6.2.5.1 Market Size
 - 6.2.5.2 Situation & Development
 - 6.2.6 Market in Others
 - 6.2.6.1 Market Size
 - 6.2.6.2 Situation & Development

7 MARKET FORECAST & TREND

- 7.1 Regional Forecast
- 7.2 Consumption Forecast
 - 7.2.1 Product Type Forecast
 - 7.2.2 End-Use Forecast
- 7.3 Investment Trend



7.4 Consumption Trend

8 PRICE & CHANNEL

- 8.1 Price and Cost
 - 8.1.1 Price
 - 8.1.2 Cost
- 8.2 Channel Segment

9 MARKET DRIVERS & INVESTMENT ENVIRONMENT

- 9.1 Market Drivers
- 9.2 Investment Environment

10 RESEARCH CONCLUSION



List Of Tables

LIST OF TABLES

Table Global Market Size and Forecast by Geography with Growth Rate, 2015-2025
Table Global Market Size and Forecast by Type with Growth Rate, 2015-2025
Table Global Market Size and Forecast by End-Use with Growth Rate, 2015-2025
Table Global Production Volume Status and Growth Rate by Geography, 2015-2018, in Volume

Table Global Production Amount Status and Growth Rate by Geography, 2015-2018, in Million USD

Table Global Market Volume and Growth Rate by Geography, 2015-2018, in Volume Table Global Market Amount and Growth Rate by Geography, 2015-2018, in Million USD

Table Asia-Pacific Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table North America Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table North America Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table South America Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table South America Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table Europe Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table Europe Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table Middle East & Africa Production Volume Status and Growth Rate by Region, 2015-2018, in Volume

Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD

Table Asia-Pacific Market Volume and Growth Rate by Region, 2015-2018, in Volume Table Asia-Pacific Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table North America Market Volume and Growth Rate by Region, 2015-2018, in Volume



Table North America Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Europe Market Volume and Growth Rate by Region, 2015-2018, in Volume Table South America Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Europe Market Volume and Growth Rate by Region, 2015-2018, in Volume Table Europe Market Amount and Growth Rate by Region, 2015-2018, in Million USD Table Middle East & Africa Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table Middle East & Africa Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Major Manufacturers Headquarters and Contact Information

Table Major Manufacturers Capacity List in 2018

Table Micron Optics Overview List

Table Fiber Bragg Grating (FBG) Business Operation of Micron Optics (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)
Table Proximion AB Overview List

Table Fiber Bragg Grating (FBG) Business Operation of Proximion AB (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)
Table HBM FiberSensing Overview List

Table Fiber Bragg Grating (FBG) Business Operation of HBM FiberSensing (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)
Table ITF Technologies Inc Overview List

Table Fiber Bragg Grating (FBG) Business Operation of ITF Technologies Inc (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table FBGS Technologies GmbH Overview List

Table Fiber Bragg Grating (FBG) Business Operation of FBGS Technologies GmbH (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Technica Overview List

Table Fiber Bragg Grating (FBG) Business Operation of Technica (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table iXFiber Overview List

Table Fiber Bragg Grating (FBG) Business Operation of iXFiber (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Smart Fibres Limited Overview List

Table Fiber Bragg Grating (FBG) Business Operation of Smart Fibres Limited (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross



Margin)

Table fos4x Overview List

Table Fiber Bragg Grating (FBG) Business Operation of fos4x (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Advanced Optics Solutions GmbH Overview List

Table Fiber Bragg Grating (FBG) Business Operation of Advanced Optics Solutions GmbH (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Wuhan Ligong Guangke Overview List

Table Fiber Bragg Grating (FBG) Business Operation of Wuhan Ligong Guangke (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table TeraXion Overview List

Table Fiber Bragg Grating (FBG) Business Operation of TeraXion (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table FBG Korea Overview List

Table Fiber Bragg Grating (FBG) Business Operation of FBG Korea (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin) Table GEOPTEX bvba (FOS&S) Overview List

Table Fiber Bragg Grating (FBG) Business Operation of GEOPTEX bvba (FOS&S) (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Alnair Labs Corporation Overview List

Table Fiber Bragg Grating (FBG) Business Operation of Alnair Labs Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Global Production Volume List by Manufacturers, 2015-2018, in Volume Table Global Production Volume Share List by Manufacturers, 2015-2018, in Volume Table Global Production Amount List by Manufacturers, 2015-2018, in Million USD Table Global Production Amount Share List by Manufacturers, 2015-2018, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment, 2015-2018, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment 2015-2018, in Volume

Table Global Market Status and Growth Rate by End-Use Segment, 2015-2018, in Million USD

Table Global Market Status and Growth Rate by End-Use Segment 2015-2018, in Volume



Table Global Market Forecast by Region Segment 2019-2025, in Million USD Table Global Market Forecast by Region Segment 2019-2025, in Volume Table Global Market Amount by Product Type Segment 2019-2025, in Million USD Table Global Market Volume by Product Type Segment 2019-2025, in Volume Table Global Market Amount by End-Use Segment 2019-2025, in Million USD Table Global Market Volume by End-Use Segment 2019-2025, in Volume



List Of Figures

LIST OF FIGURES

Figure Fiber Bragg Grating (FBG) Picture List

Figure Global Market Size and Forecast with Growth Rate, 2015-2025

Figure Global Production Volume Status and Growth Rate, 2015-2018, in Volume

Figure Global Production Amount Status and Growth Rate, 2015-2018, in Million USD

Figure Global Market Volume and Growth Rate, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate, 2015-2018, in Million USD

Figure Asia-Pacific Production Volume Status and Growth Rate, 2015-2018, in Volume

Figure Asia-Pacific Production Amount Status and Growth Rate, 2015-2018, in Million USD

Figure North America Production Volume Status and Growth Rate, 2015-2018, in Volume

Figure North America Production Amount Status and Growth Rate, 2015-2018, in Million USD

Figure South America Production Volume Status and Growth Rate, 2015-2018, in Volume

Figure South America Production Amount Status and Growth Rate, 2015-2018, in Million USD

Figure Europe Production Volume Status and Growth Rate, 2015-2018, in Volume Figure Europe Production Amount Status and Growth Rate, 2015-2018, in Million USD Figure Middle East & Africa Production Volume Status and Growth Rate, 2015-2018, in Volume

Figure Middle East & Africa Production Amount Status and Growth Rate, 2015-2018, in Million USD

Figure Asia-Pacific Market Volume and Growth Rate, 2015-2018, in Volume

Figure Asia-Pacific Market Amount and Growth Rate, 2015-2018, in Million USD

Figure North America Market Volume and Growth Rate, 2015-2018, in Volume

Figure North America Market Amount and Growth Rate, 2015-2018, in Million USD

Figure Europe Market Volume and Growth Rate, 2015-2018, in Volume

Figure South America Market Amount and Growth Rate, 2015-2018, in Million USD

Figure Europe Market Volume and Growth Rate, 2015-2018, in Volume

Figure Europe Market Amount and Growth Rate, 2015-2018, in Million USD

Figure Middle East & Africa Market Volume and Growth Rate, 2015-2018, in Volume

Figure Middle East & Africa Market Amount and Growth Rate, 2015-2018, in Million USD

Figure Global Production Volume Share by Manufacturers in 2019, in Volume



Figure Global Production Amount Share by Manufacturers in 2019, in Million USD Figure Global Market Amount and Growth Rate in Fiber Bragg Grating Filter, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Fiber Bragg Grating Filter, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Fiber Bragg Grating Sensors, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Fiber Bragg Grating Sensors, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Others, 2015-2018, in USD Million Figure Global Market Amount and Growth Rate in Others, 2015-2018, in Volume Figure Global Market Amount and Growth Rate in Optical Communication, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Optical Communication, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Aerospace Applications, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Aerospace Applications, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Energy industry, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Energy industry, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Transportation, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Transportation, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Geo-Technical &Civil Engineering, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Geo-Technical &Civil Engineering, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Others, 2015-2018, in USD Million Figure Global Market Amount and Growth Rate in Others, 2015-2018, in Volume



I would like to order

Product name: Fiber Bragg Grating (FBG) Market Research: Global Status & Forecast by Geography,

Type & Application (2015-2025)

Product link: https://marketpublishers.com/r/FE8F0DA1AA0EN.html

Price: US\$ 2,280.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/FE8F0DA1AA0EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer 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

