

Global Fiber Bragg Grating Sensors Market Growth 2021-2026

https://marketpublishers.com/r/G55C17449B18EN.html

Date: January 2020

Pages: 158

Price: US\$ 3,660.00 (Single User License)

ID: G55C17449B18EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to this latest study, the 2020 growth of Fiber Bragg Grating Sensors will have significant change from previous year. By the most conservative estimates of global Fiber Bragg Grating Sensors market size (most likely outcome) will be a year-over-year revenue growth rate of XX% in 2020, from US\$ 356.2 million in 2019. Over the next five years the Fiber Bragg Grating Sensors market will register a 7.7% CAGR in terms of revenue, the global market size will reach US\$ 479 million by 2025.

This report presents a comprehensive overview, market shares, and growth opportunities of Fiber Bragg Grating Sensors market by product type, application, key manufacturers and key regions and countries.

Segmentation by type: breakdown data from 2016 to 2021, in Section 2.3; and forecast to 2026 in section 11.7.

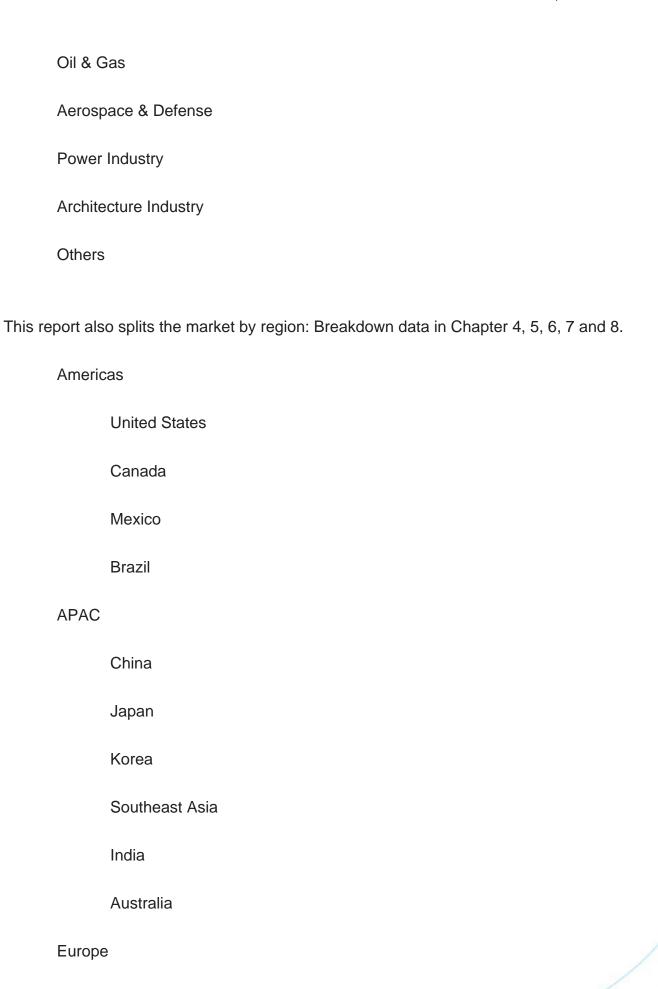
Temperature Sensors

Strain Sensors

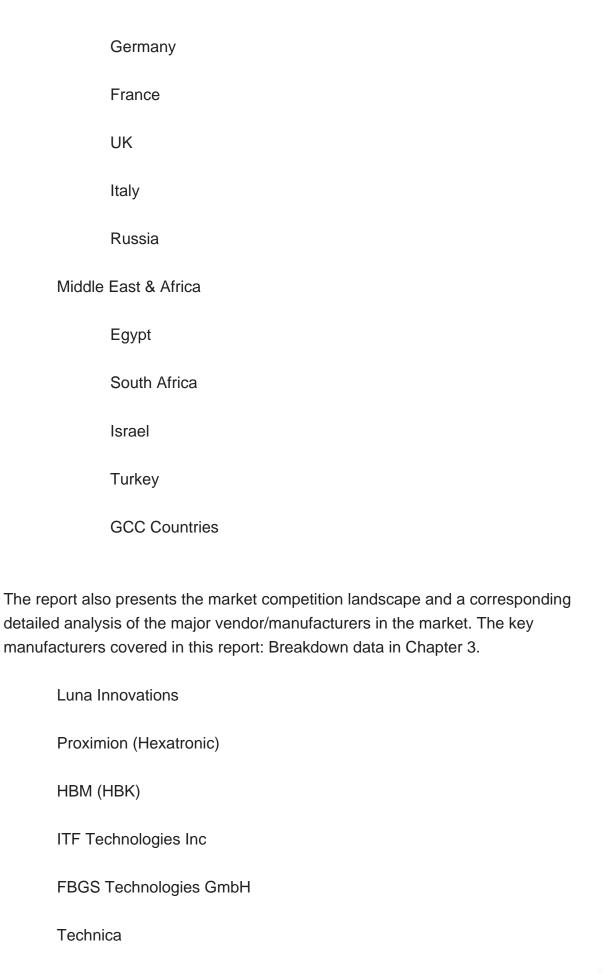
Others

Segmentation by application: breakdown data from 2016 to 2021, in Section 2.4; and forecast to 2026 in section 11.8.











Smart Fibres Limited
Optromix, Inc.
Wuhan Ligong Guangke
FBG Korea
Smartec (Roctest)
Timbercon (Radiall)



Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Fiber Bragg Grating Sensors Consumption 2016-2026
 - 2.1.2 Fiber Bragg Grating Sensors Consumption CAGR by Region
- 2.2 Fiber Bragg Grating Sensors Segment by Type
 - 2.2.1 Temperature Sensors
 - 2.2.2 Strain Sensors
 - 2.2.3 Others
- 2.3 Fiber Bragg Grating Sensors Sales by Type
 - 2.3.1 Global Fiber Bragg Grating Sensors Sales Market Share by Type (2016-2021)
- 2.3.2 Global Fiber Bragg Grating Sensors Revenue and Market Share by Type (2016-2021)
- 2.3.3 Global Fiber Bragg Grating Sensors Sale Price by Type (2016-2021)
- 2.4 Fiber Bragg Grating Sensors Segment by Application
 - 2.4.1 Oil & Gas
 - 2.4.2 Aerospace & Defense
 - 2.4.3 Power Industry
 - 2.4.4 Architecture Industry
 - 2.4.5 Others
- 2.5 Fiber Bragg Grating Sensors Sales by Application
- 2.5.1 Global Fiber Bragg Grating Sensors Sale Market Share by Application (2016-2021)
- 2.5.2 Global Fiber Bragg Grating Sensors Revenue and Market Share by Application (2016-2021)
- 2.5.3 Global Fiber Bragg Grating Sensors Sale Price by Application (2016-2021)



3 GLOBAL FIBER BRAGG GRATING SENSORS BY COMPANY

- 3.1 Global Fiber Bragg Grating Sensors Sales Market Share by Company
 - 3.1.1 Global Fiber Bragg Grating Sensors Sales by Company (2019-2021)
- 3.1.2 Global Fiber Bragg Grating Sensors Sales Market Share by Company (2019-2021)
- 3.2 Global Fiber Bragg Grating Sensors Revenue Market Share by Company
 - 3.2.1 Global Fiber Bragg Grating Sensors Revenue by Company (2019-2021)
- 3.2.2 Global Fiber Bragg Grating Sensors Revenue Market Share by Company (2019-2021)
- 3.3 Global Fiber Bragg Grating Sensors Sale Price by Company
- 3.4 Global Manufacturers Fiber Bragg Grating Sensors Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Fiber Bragg Grating Sensors Product Location Distribution
 - 3.4.2 Players Fiber Bragg Grating Sensors Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2021)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

4 FIBER BRAGG GRATING SENSORS BY REGION

- 4.1 Global Fiber Bragg Grating Sensors by Region
 - 4.1.1 Global Fiber Bragg Grating Sensors Sales by Region
 - 4.1.2 Global Fiber Bragg Grating Sensors Revenue by Region
- 4.2 Americas Fiber Bragg Grating Sensors Sales Growth
- 4.3 APAC Fiber Bragg Grating Sensors Sales Growth
- 4.4 Europe Fiber Bragg Grating Sensors Sales Growth
- 4.5 Middle East & Africa Fiber Bragg Grating Sensors Sales Growth

5 AMERICAS

- 5.1 Americas Fiber Bragg Grating Sensors Sales by Country
 - 5.1.1 Americas Fiber Bragg Grating Sensors Sales by Country (2016-2021)
 - 5.1.2 Americas Fiber Bragg Grating Sensors Revenue by Country (2016-2021)
- 5.2 Americas Fiber Bragg Grating Sensors Sales by Type
- 5.3 Americas Fiber Bragg Grating Sensors Sales by Application
- 5.4 United States



- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Fiber Bragg Grating Sensors Sales by Region
 - 6.1.1 APAC Fiber Bragg Grating Sensors Sales by Region (2016-2021)
 - 6.1.2 APAC Fiber Bragg Grating Sensors Revenue by Region (2016-2021)
- 6.2 APAC Fiber Bragg Grating Sensors Sales by Type
- 6.3 APAC Fiber Bragg Grating Sensors Sales by Application
- 6.4 China
- 6.5 Japan
- 6.6 Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia

7 EUROPE

- 7.1 Europe Fiber Bragg Grating Sensors by Country
 - 7.1.1 Europe Fiber Bragg Grating Sensors Sales by Country (2016-2021)
 - 7.1.2 Europe Fiber Bragg Grating Sensors Revenue by Country (2016-2021)
- 7.2 Europe Fiber Bragg Grating Sensors Sales by Type
- 7.3 Europe Fiber Bragg Grating Sensors Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Fiber Bragg Grating Sensors by Country
 - 8.1.1 Middle East & Africa Fiber Bragg Grating Sensors Sales by Country (2016-2021)
- 8.1.2 Middle East & Africa Fiber Bragg Grating Sensors Revenue by Country (2016-2021)
- 8.2 Middle East & Africa Fiber Bragg Grating Sensors Sales by Type
- 8.3 Middle East & Africa Fiber Bragg Grating Sensors Sales by Application



- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Country

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers and Impact
 - 9.1.1 Growing Demand from Key Regions
 - 9.1.2 Growing Demand from Key Applications and Potential Industries
- 9.2 Market Challenges and Impact
- 9.3 Market Trends

10 MARKETING, DISTRIBUTORS AND CUSTOMER

- 10.1 Sales Channel
 - 10.1.1 Direct Channels
 - 10.1.2 Indirect Channels
- 10.2 Fiber Bragg Grating Sensors Distributors
- 10.3 Fiber Bragg Grating Sensors Customer

11 GLOBAL FIBER BRAGG GRATING SENSORS MARKET FORECAST

- 11.1 Global Fiber Bragg Grating Sensors Forecast by Region
 - 11.1.1 Global Fiber Bragg Grating Sensors Forecast by Regions (2021-2026)
 - 11.2.2 Global Fiber Bragg Grating Sensors Revenue Forecast by Regions (2021-2026)
- 11.2 Americas Forecast by Countries
- 11.3 APAC Forecast by Region
- 11.4 Europe Forecast by Countries
- 11.5 Middle East & Africa Forecast by Countries
- 11.6 Global Fiber Bragg Grating Sensors Forecast by Type
- 11.7 Global Fiber Bragg Grating Sensors Forecast by Application

12 KEY PLAYERS ANALYSIS

- 12.1 Luna Innovations
 - 12.1.1 Luna Innovations Luna Innovations Company Information
 - 12.1.2 Luna Innovations Fiber Bragg Grating Sensors Product Offered



- 12.1.3 Luna Innovations Fiber Bragg Grating Sensors Sales, Revenue, Price and Gross Margin (2019-2021)
 - 12.1.4 Luna Innovations Main Business Overview
 - 12.1.5 Luna Innovations Latest Developments
- 12.2 Proximion (Hexatronic)
 - 12.2.1 Proximion (Hexatronic) Company Information
 - 12.2.2 Proximion (Hexatronic) Fiber Bragg Grating Sensors Product Offered
- 12.2.3 Proximion (Hexatronic) Fiber Bragg Grating Sensors Sales, Revenue, Price and Gross Margin (2019-2021)
 - 12.2.4 Proximion (Hexatronic) Main Business Overview
 - 12.2.5 Proximion (Hexatronic) Latest Developments
- 12.3 HBM (HBK)
 - 12.3.1 HBM (HBK) Company Information
- 12.3.2 HBM (HBK) Fiber Bragg Grating Sensors Product Offered
- 12.3.3 HBM (HBK) Fiber Bragg Grating Sensors Sales, Revenue, Price and Gross Margin (2019-2021)
 - 12.3.4 HBM (HBK) Main Business Overview
 - 12.3.5 HBM (HBK) Latest Developments
- 12.4 ITF Technologies Inc
 - 12.4.1 ITF Technologies Inc Company Information
 - 12.4.2 ITF Technologies Inc Fiber Bragg Grating Sensors Product Offered
- 12.4.3 ITF Technologies Inc Fiber Bragg Grating Sensors Sales, Revenue, Price and Gross Margin (2019-2021)
 - 12.4.4 ITF Technologies Inc Main Business Overview
 - 12.4.5 ITF Technologies Inc Latest Developments
- 12.5 FBGS Technologies GmbH
 - 12.5.1 FBGS Technologies GmbH Company Information
 - 12.5.2 FBGS Technologies GmbH Fiber Bragg Grating Sensors Product Offered
- 12.5.3 FBGS Technologies GmbH Fiber Bragg Grating Sensors Sales, Revenue, Price and Gross Margin (2019-2021)
 - 12.5.4 FBGS Technologies GmbH Main Business Overview
 - 12.5.5 FBGS Technologies GmbH Latest Developments
- 12.6 Technica
 - 12.6.1 Technica Company Information
 - 12.6.2 Technica Fiber Bragg Grating Sensors Product Offered
- 12.6.3 Technica Fiber Bragg Grating Sensors Sales, Revenue, Price and Gross
- Margin (2019-2021)
 - 12.6.4 Technica Main Business Overview
 - 12.6.5 Technica Latest Developments



- 12.7 Smart Fibres Limited
 - 12.7.1 Smart Fibres Limited Company Information
 - 12.7.2 Smart Fibres Limited Fiber Bragg Grating Sensors Product Offered
- 12.7.3 Smart Fibres Limited Fiber Bragg Grating Sensors Sales, Revenue, Price and Gross Margin (2019-2021)
 - 12.7.4 Smart Fibres Limited Main Business Overview
 - 12.7.5 Smart Fibres Limited Latest Developments
- 12.8 Optromix, Inc.
 - 12.8.1 Optromix, Inc. Company Information
 - 12.8.2 Optromix, Inc. Fiber Bragg Grating Sensors Product Offered
- 12.8.3 Optromix, Inc. Fiber Bragg Grating Sensors Sales, Revenue, Price and Gross Margin (2019-2021)
- 12.8.4 Optromix, Inc. Main Business Overview
- 12.8.5 Optromix, Inc. Latest Developments
- 12.9 Wuhan Ligong Guangke
 - 12.9.1 Wuhan Ligong Guangke Company Information
 - 12.9.2 Wuhan Ligong Guangke Fiber Bragg Grating Sensors Product Offered
- 12.9.3 Wuhan Ligong Guangke Fiber Bragg Grating Sensors Sales, Revenue, Price and Gross Margin (2019-2021)
 - 12.9.4 Wuhan Ligong Guangke Main Business Overview
 - 12.9.5 Wuhan Ligong Guangke Latest Developments
- 12.10 FBG Korea
 - 12.10.1 FBG Korea Company Information
 - 12.10.2 FBG Korea Fiber Bragg Grating Sensors Product Offered
- 12.10.3 FBG Korea Fiber Bragg Grating Sensors Sales, Revenue, Price and Gross Margin (2019-2021)
 - 12.10.4 FBG Korea Main Business Overview
 - 12.10.5 FBG Korea Latest Developments
- 12.11 Smartec (Roctest)
 - 12.11.1 Smartec (Roctest) Company Information
 - 12.11.2 Smartec (Roctest) Fiber Bragg Grating Sensors Product Offered
- 12.11.3 Smartec (Roctest) Fiber Bragg Grating Sensors Sales, Revenue, Price and Gross Margin (2019-2021)
 - 12.11.4 Smartec (Roctest) Main Business Overview
 - 12.11.5 Smartec (Roctest) Latest Developments
- 12.12 Timbercon (Radiall)
 - 12.12.1 Timbercon (Radiall) Company Information
 - 12.12.2 Timbercon (Radiall) Fiber Bragg Grating Sensors Product Offered
- 12.12.3 Timbercon (Radiall) Fiber Bragg Grating Sensors Sales, Revenue, Price and



Gross Margin (2019-2021)

12.12.4 Timbercon (Radiall) Main Business Overview

12.12.5 Timbercon (Radiall) Latest Developments

13 RESEARCH FINDINGS AND CONCLUSION



List Of Tables

LIST OF TABLES

- Table 1. Fiber Bragg Grating Sensors Consumption CAGR by Region (2020-2026) & (\$ Millions)
- Table 2. Major Players of Temperature Sensors
- Table 3. Major Players of Strain Sensors
- Table 4. Major Players of Others
- Table 5. Global Fiber Bragg Grating Sensors Sales by Type (2016-2021) & (K Units)
- Table 6. Global Fiber Bragg Grating Sensors Sales Market Share by Type (2016-2021)
- Table 7. Global Fiber Bragg Grating Sensors Revenue by Type (2016-2021) & (\$ million)
- Table 8. Global Fiber Bragg Grating Sensors Revenue Market Share by Type (2016-2021)
- Table 9. Global Fiber Bragg Grating Sensors Sale Price by Type (2016-2021)
- Table 10. Global Fiber Bragg Grating Sensors Sales by Application (2016-2021) & (K Units)
- Table 11. Global Fiber Bragg Grating Sensors Sales Market Share by Application (2016-2021)
- Table 12. Global Fiber Bragg Grating Sensors Value by Application (2016-2021)
- Table 13. Global Fiber Bragg Grating Sensors Revenue Market Share by Application (2016-2021)
- Table 14. Global Fiber Bragg Grating Sensors Sale Price by Application (2016-2021)
- Table 15. Global Fiber Bragg Grating Sensors Sales by Company (2019-2021) & (K Units)
- Table 16. Global Fiber Bragg Grating Sensors Sales Market Share by Company (2019-2021)
- Table 17. Global Fiber Bragg Grating Sensors Revenue by Company (2019-2021) (\$ Millions)
- Table 18. Global Fiber Bragg Grating Sensors Revenue Market Share by Company (2019-2021)
- Table 19. Global Fiber Bragg Grating Sensors Sale Price by Company (2019-2021)
- Table 20. Key Manufacturers Fiber Bragg Grating Sensors Producing Area Distribution and Sales Area
- Table 21. Players Fiber Bragg Grating Sensors Products Offered
- Table 22. Fiber Bragg Grating Sensors Concentration Ratio (CR3, CR5 and CR10) & (2019-2021)
- Table 23. New Products and Potential Entrants



- Table 24. Mergers & Acquisitions, Expansion
- Table 25. Global Fiber Bragg Grating Sensors Sales by Region (2016-2021) (K Units)
- Table 26. Global Fiber Bragg Grating Sensors Sales Market Share by Region (2016-2021)
- Table 27. Global Fiber Bragg Grating Sensors Revenue by Region (2016-2021) & (\$ Millions)
- Table 28. Global Fiber Bragg Grating Sensors Revenue Market Share by Region (2016-2021)
- Table 29. Americas Fiber Bragg Grating Sensors Sales by Country (2016-2021) & (K Units)
- Table 30. Americas Fiber Bragg Grating Sensors Sales Market Share by Country (2016-2021)
- Table 31. Americas Fiber Bragg Grating Sensors Revenue by Country (2016-2021) & (\$ Millions)
- Table 32. Americas Fiber Bragg Grating Sensors Revenue Market Share by Country (2016-2021)
- Table 33. Americas Fiber Bragg Grating Sensors Sales by Type (2016-2021) & (K Units)
- Table 34. Americas Fiber Bragg Grating Sensors Sales Market Share by Type (2016-2021)
- Table 35. Americas Fiber Bragg Grating Sensors Sales by Application (2016-2021) & (K Units)
- Table 36. Americas Fiber Bragg Grating Sensors Sales Market Share by Application (2016-2021)
- Table 37. APAC Fiber Bragg Grating Sensors Sales by Region (2016-2021) & (K Units)
- Table 38. APAC Fiber Bragg Grating Sensors Sales Market Share by Region (2016-2021)
- Table 39. APAC Fiber Bragg Grating Sensors Revenue by Region (2016-2021) & (\$ Millions)
- Table 40. APAC Fiber Bragg Grating Sensors Revenue Market Share by Region (2016-2021)
- Table 41. APAC Fiber Bragg Grating Sensors Sales by Type (2016-2021) & (K Units)
- Table 42. APAC Fiber Bragg Grating Sensors Sales Market Share by Type (2016-2021)
- Table 43. APAC Fiber Bragg Grating Sensors Sales by Application (2016-2021) & (K Units)
- Table 44. APAC Fiber Bragg Grating Sensors Sales Market Share by Application (2016-2021)
- Table 45. Europe Fiber Bragg Grating Sensors Sales by Country (2016-2021) & (K Units)



- Table 46. Europe Fiber Bragg Grating Sensors Sales Market Share by Country (2016-2021)
- Table 47. Europe Fiber Bragg Grating Sensors Revenue by Country (2016-2021) & (\$ Millions)
- Table 48. Europe Fiber Bragg Grating Sensors Revenue Market Share by Country (2016-2021)
- Table 49. Europe Fiber Bragg Grating Sensors Sales by Type (2016-2021) & (K Units)
- Table 50. Europe Fiber Bragg Grating Sensors Sales Market Share by Type (2016-2021)
- Table 51. Europe Fiber Bragg Grating Sensors Sales by Application (2016-2021) & (K Units)
- Table 52. Europe Fiber Bragg Grating Sensors Sales Market Share by Application (2016-2021)
- Table 53. Middle East & Africa Fiber Bragg Grating Sensors Sales by Country (2016-2021) & (K Units)
- Table 54. Middle East & Africa Fiber Bragg Grating Sensors Sales Market Share by Country (2016-2021)
- Table 55. Middle East & Africa Fiber Bragg Grating Sensors Revenue by Country (2016-2021) & (\$ Millions)
- Table 56. Middle East & Africa Fiber Bragg Grating Sensors Revenue Market Share by Country (2016-2021)
- Table 57. Middle East & Africa Fiber Bragg Grating Sensors Sales by Type (2016-2021) & (K Units)
- Table 58. Middle East & Africa Fiber Bragg Grating Sensors Sales Market Share by Type (2016-2021)
- Table 59. Middle East & Africa Fiber Bragg Grating Sensors Sales by Application (2016-2021) & (K Units)
- Table 60. Middle East & Africa Fiber Bragg Grating Sensors Sales Market Share by Application (2016-2021)
- Table 61. Global Fiber Bragg Grating Sensors Sales Forecast by Type (2021-2026) & (K Units)
- Table 62. Global Fiber Bragg Grating Sensors Sales Market Share Forecast by Type (2021-2026)
- Table 63. Global Fiber Bragg Grating Sensors Revenue Forecast by Type (2021-2026) & (\$ Millions)
- Table 64. Global Fiber Bragg Grating Sensors Revenue Market Share Forecast by Type (2021-2026)
- Table 65. Global Fiber Bragg Grating Sensors Sales Forecast by Application (2021-2026) & (K Units)



Table 66. Global Fiber Bragg Grating Sensors Sales Market Share Forecast by Application (2021-2026)

Table 67. Global Fiber Bragg Grating Sensors Revenue Forecast by Application (2021-2026) & (\$ Millions)

Table 68. Global Fiber Bragg Grating Sensors Revenue Market Share Forecast by Application (2021-2026)

Table 69. Luna Innovations Basic Information, Fiber Bragg Grating Sensors Manufacturing Base, Sales Area and Its Competitors

Table 70. Luna Innovations Fiber Bragg Grating Sensors Product Offered

Table 71. Luna Innovations Fiber Bragg Grating Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2021E)

Table 72. Luna Innovations Main Business

Table 73. Luna Innovations Latest Developments

Table 74. Proximion (Hexatronic) Basic Information, Fiber Bragg Grating Sensors Manufacturing Base, Sales Area and Its Competitors

Table 75. Proximion (Hexatronic) Fiber Bragg Grating Sensors Product Offered

Table 76. Proximion (Hexatronic) Fiber Bragg Grating Sensors Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2021E)

Table 77. Proximion (Hexatronic) Main Business

Table 78. Proximion (Hexatronic) Latest Developments

Table 79. HBM (HBK) Basic Information, Fiber Bragg Grating Sensors Manufacturing Base, Sales Area and Its Competitors

Table 80. HBM (HBK) Fiber Bragg Grating Sensors Product Offered

Table 81. HBM (HBK) Fiber Bragg Grating Sensors Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2019-2021E)

Table 82. HBM (HBK) Main Business

Table 83. HBM (HBK) Latest Developments

Table 84. ITF Technologies Inc Basic Information, Fiber Bragg Grating Sensors

Manufacturing Base, Sales Area and Its Competitors

Table 85. ITF Technologies Inc Fiber Bragg Grating Sensors Product Offered

Table 86. ITF Technologies Inc Fiber Bragg Grating Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2021E)

Table 87. ITF Technologies Inc Main Business

Table 88. ITF Technologies Inc Latest Developments

Table 89. FBGS Technologies GmbH Basic Information, Fiber Bragg Grating Sensors Manufacturing Base, Sales Area and Its Competitors

Table 90. FBGS Technologies GmbH Fiber Bragg Grating Sensors Product Offered

Table 91. FBGS Technologies GmbH Fiber Bragg Grating Sensors Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2021E)



Table 92. FBGS Technologies GmbH Main Business

Table 93. FBGS Technologies GmbH Latest Developments

Table 94. Technica Basic Information, Fiber Bragg Grating Sensors Manufacturing

Base, Sales Area and Its Competitors

Table 95. Technica Fiber Bragg Grating Sensors Product Offered

Table 96. Technica Fiber Bragg Grating Sensors Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2019-2021E)

Table 97. Technica Main Business

Table 98. Technica Latest Developments

Table 99. Smart Fibres Limited Basic Information, Fiber Bragg Grating Sensors

Manufacturing Base, Sales Area and Its Competitors

Table 100. Smart Fibres Limited Fiber Bragg Grating Sensors Product Offered

Table 101. Smart Fibres Limited Fiber Bragg Grating Sensors Sales (K Units), Revenue

(\$ Million), Price (US\$/Unit) and Gross Margin (2019-2021E)

Table 102. Smart Fibres Limited Main Business

Table 103. Smart Fibres Limited Latest Developments

Table 104. Optromix, Inc. Basic Information, Fiber Bragg Grating Sensors

Manufacturing Base, Sales Area and Its Competitors

Table 105. Optromix, Inc. Fiber Bragg Grating Sensors Product Offered

Table 106. Optromix, Inc. Fiber Bragg Grating Sensors Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2019-2021E)

Table 107. Optromix, Inc. Main Business

Table 108. Optromix, Inc. Latest Developments

Table 109. Wuhan Ligong Guangke Basic Information, Fiber Bragg Grating Sensors

Manufacturing Base, Sales Area and Its Competitors

Table 110. Wuhan Ligong Guangke Fiber Bragg Grating Sensors Product Offered

Table 111. Wuhan Ligong Guangke Fiber Bragg Grating Sensors Sales (K Units),

Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2021E)

Table 112. Wuhan Ligong Guangke Main Business

Table 113. Wuhan Ligong Guangke Latest Developments

Table 114. FBG Korea Basic Information, Fiber Bragg Grating Sensors Manufacturing

Base, Sales Area and Its Competitors

Table 115. FBG Korea Fiber Bragg Grating Sensors Product Offered

Table 116. FBG Korea Fiber Bragg Grating Sensors Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2019-2021E)

Table 117. FBG Korea Main Business

Table 118. FBG Korea Latest Developments

Table 119. Smartec (Roctest) Basic Information, Fiber Bragg Grating Sensors

Manufacturing Base, Sales Area and Its Competitors



Table 120. Smartec (Roctest) Fiber Bragg Grating Sensors Product Offered

Table 121. Smartec (Roctest) Fiber Bragg Grating Sensors Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2019-2021E)

Table 122. Smartec (Roctest) Main Business

Table 123. Smartec (Roctest) Latest Developments

Table 124. Timbercon (Radiall) Basic Information, Fiber Bragg Grating Sensors

Manufacturing Base, Sales Area and Its Competitors

Table 125. Timbercon (Radiall) Fiber Bragg Grating Sensors Product Offered

Table 126. Timbercon (Radiall) Fiber Bragg Grating Sensors Sales (K Units), Revenue

(\$ Million), Price (US\$/Unit) and Gross Margin (2019-2021E)

Table 127. Timbercon (Radiall) Main Business

Table 128. Timbercon (Radiall) Latest Developments



List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Fiber Bragg Grating Sensors
- Figure 2. Fiber Bragg Grating Sensors Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Fiber Bragg Grating Sensors Sales Growth Rate 2016-2026 (K Units)
- Figure 7. Global Fiber Bragg Grating Sensors Revenue Growth Rate 2016-2026 (\$ Millions)
- Figure 8. Fiber Bragg Grating Sensors Sales by Region (2021 & 2026) & (\$ millions)
- Figure 9. Product Picture of Temperature Sensors
- Figure 10. Product Picture of Strain Sensors
- Figure 11. Product Picture of Others
- Figure 12. Global Fiber Bragg Grating Sensors Sales Market Share by Type in 2020
- Figure 13. Global Fiber Bragg Grating Sensors Revenue Market Share by Type (2016-2021)
- Figure 14. Fiber Bragg Grating Sensors Consumed in Oil & Gas
- Figure 15. Global Fiber Bragg Grating Sensors Market: Oil & Gas (2016-2021) & (K Units)
- Figure 16. Fiber Bragg Grating Sensors Consumed in Aerospace & Defense
- Figure 17. Global Fiber Bragg Grating Sensors Market: Aerospace & Defense (2016-2021) & (K Units)
- Figure 18. Fiber Bragg Grating Sensors Consumed in Power Industry
- Figure 19. Global Fiber Bragg Grating Sensors Market: Power Industry (2016-2021) & (K Units)
- Figure 20. Fiber Bragg Grating Sensors Consumed in Architecture Industry
- Figure 21. Global Fiber Bragg Grating Sensors Market: Architecture Industry (2016-2021) & (K Units)
- Figure 22. Fiber Bragg Grating Sensors Consumed in Others
- Figure 23. Global Fiber Bragg Grating Sensors Market: Others (2016-2021) & (K Units)
- Figure 24. Global Fiber Bragg Grating Sensors Sales Market Share by Application (2016-2021)
- Figure 25. Global Fiber Bragg Grating Sensors Revenue Market Share by Application in 2020
- Figure 26. Global Fiber Bragg Grating Sensors Revenue Market by Company in 2020 (\$ Million)



- Figure 27. Global Fiber Bragg Grating Sensors Revenue Market Share by Company in 2020
- Figure 28. Global Fiber Bragg Grating Sensors Sales Market Share by Regions (2016-2021)
- Figure 29. Global Fiber Bragg Grating Sensors Revenue Market Share by Region in 2020
- Figure 30. Americas Fiber Bragg Grating Sensors Sales 2016-2021 (K Units)
- Figure 31. Americas Fiber Bragg Grating Sensors Revenue 2016-2021 (\$ Millions)
- Figure 32. APAC Fiber Bragg Grating Sensors Sales 2016-2021 (K Units)
- Figure 33. APAC Fiber Bragg Grating Sensors Revenue 2016-2021 (\$ Millions)
- Figure 34. Europe Fiber Bragg Grating Sensors Sales 2016-2021 (K Units)
- Figure 35. Europe Fiber Bragg Grating Sensors Revenue 2016-2021 (\$ Millions)
- Figure 36. Middle East & Africa Fiber Bragg Grating Sensors Sales 2016-2021 (K Units)
- Figure 37. Middle East & Africa Fiber Bragg Grating Sensors Revenue 2016-2021 (\$ Millions)
- Figure 38. Americas Fiber Bragg Grating Sensors Sales Market Share by Country in 2020
- Figure 39. Americas Fiber Bragg Grating Sensors Revenue Market Share by Country in 2020
- Figure 40. Americas Fiber Bragg Grating Sensors Sales Market Share by Type in 2020
- Figure 41. Americas Fiber Bragg Grating Sensors Sales Market Share by Application in 2020
- Figure 42. United States Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 43. Canada Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 44. Mexico Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 45. Brazil Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 46. APAC Fiber Bragg Grating Sensors Sales Market Share by Region in 2020
- Figure 47. APAC Fiber Bragg Grating Sensors Revenue Market Share by Regions in 2020
- Figure 48. APAC Fiber Bragg Grating Sensors Sales Market Share by Type in 2020
- Figure 49. APAC Fiber Bragg Grating Sensors Sales Market Share by Application in 2020
- Figure 50. China Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 51. Japan Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 52. Korea Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 53. Southeast Asia Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)



- Figure 54. India Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 55. Australia Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 56. Europe Fiber Bragg Grating Sensors Sales Market Share by Country in 2020
- Figure 57. Europe Fiber Bragg Grating Sensors Revenue Market Share by Country in 2020
- Figure 58. Europe Fiber Bragg Grating Sensors Sales Market Share by Type in 2020
- Figure 59. Europe Fiber Bragg Grating Sensors Sales Market Share by Application in 2020
- Figure 60. Germany Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 61. France Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 62. UK Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 63. Italy Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 64. Russia Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 65. Middle East & Africa Fiber Bragg Grating Sensors Sales Market Share by Country in 2020
- Figure 66. Middle East & Africa Fiber Bragg Grating Sensors Revenue Market Share by Country in 2020
- Figure 67. Middle East & Africa Fiber Bragg Grating Sensors Sales Market Share by Type in 2020
- Figure 68. Middle East & Africa Fiber Bragg Grating Sensors Sales Market Share by Application in 2020
- Figure 69. Egypt Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 70. South Africa Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 71. Israel Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 72. Turkey Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 73. GCC Country Fiber Bragg Grating Sensors Revenue Growth 2016-2021 (\$ Millions)
- Figure 74. Channels of Distribution
- Figure 75. Distributors Profiles



I would like to order

Product name: Global Fiber Bragg Grating Sensors Market Growth 2021-2026

Product link: https://marketpublishers.com/r/G55C17449B18EN.html

Price: US\$ 3,660.00 (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/G55C17449B18EN.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	
	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