

Fiber Bragg Grating Sensing Market - Global Outlook and Forecast 2022-2028

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Abstracts

A fiber Bragg grating (FBG) is a microstructure typically a few millimeters in length that can be photo inscribed in the core of a single mode fiber. This is done by transversely illuminating the fiber with a UV laser beam and using a phase mask to generate an interference pattern in its core.

This report contains market size and forecasts of Fiber Bragg Grating Sensing in global, including the following market information:

Global Fiber Bragg Grating Sensing Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Fiber Bragg Grating Sensing Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Fiber Bragg Grating Sensing companies in 2021 (%)

The global Fiber Bragg Grating Sensing market was valued at 387.3 million in 2021 and is projected to reach US\$ 619.4 million by 2028, at a CAGR of 6.9% during the forecast period.

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

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

The global key manufacturers of Fiber Bragg Grating Sensing include Micron Optics,

OptaSense(QinetiQ), Opsens Inc, Halliburton, Proximion, FISO Technologies, ITF Technologies Inc, Omnisens SA and Epsilon Optics, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Fiber Bragg Grating Sensing manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Fiber Bragg Grating Sensing Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Fiber Bragg Grating Sensing Market Segment Percentages, by Type, 2021 (%)

Distributed Sensing

Fiber Optic Point Sensing

Global Fiber Bragg Grating Sensing Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Fiber Bragg Grating Sensing Market Segment Percentages, by Application, 2021 (%)

Power Industry

Transportation Industry

Oil& Gas Industry

Civil Structures & Engineering Industry

Aerospace

Other

Global Fiber Bragg Grating Sensing Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (K Units)

Global Fiber Bragg Grating Sensing 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 Fiber Bragg Grating Sensing revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Fiber Bragg Grating Sensing revenues share in global market, 2021 (%)

Key companies Fiber Bragg Grating Sensing sales in global market, 2017-2022
(Estimated), (K Units)

Key companies Fiber Bragg Grating Sensing sales share in global market, 2021 (%)

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

Micron Optics

OptaSense(QinetiQ)

Opsens Inc

Halliburton

Proximion

FISO Technologies

ITF Technologies Inc

Omnisens SA

Epsilon Optics

LIOS Technology

Wuhan Ligong Guangke

Bandweaver

Boomdts

Sensornet

Schlumberger

Yokogawa Electric Corporation

Luna Innovations

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