

Article Overview

Top Fiber Bragg Grating manufacturers in 2026 include Optromix, Inc., FiSens GmbH, and Luna Innovations.

Leading Manufacturers

According to Metoree's 2026 ranking, the top three FBG companies are:

- o Optromix, Inc. - Recognized for high-quality FBG components and sensors suitable for extreme environments, including aerospace and industrial monitoring .
- o FiSens GmbH - Specializes in precision FBG sensors for structural health monitoring and industrial applications .
- o Luna Innovations - Offers a broad portfolio of FBG-based sensing solutions, including strain, temperature, and pressure sensors . Other notable manufacturers and suppliers include Exail (formerly iXblue), which provides FBGs for laser cavity mirrors, gain flattening filters, and ultra-narrow bandwidth filters, and ITF Technologies, which develops high-reliability optical components for space, telecom, and industrial applications .

Market Insights

The FBG market is expanding due to high-precision monitoring needs, infrastructure growth, and stringent safety regulations. Companies are evaluated based on revenue, growth momentum, product breadth, regional reach, and customer loyalty . For example, FBGS International reported a 2024 revenue of USD 92.5 million and focuses on draw-tower gratings for extreme-temperature sensing . The Fiber Bragg Grating Amplifier market is projected to grow from USD 1.23 billion in 2025 to USD 2.62 billion by 2035, driven by optical communication expansion, 5G/6G infrastructure, and industrial sensing applications . North America currently dominates the market, while Asia-Pacific is expected to grow fastest.

Summary

For 2026, the most prominent FBG component manufacturers are:

- o Optromix, Inc.
 - o FiSens GmbH
 - o Luna Innovations
- Other significant players include Exail, ITF Technologies, and FBGS International, all offering specialized FBG solutions for sensing, telecommunications, and industrial applications. These companies are recognized for their technological capabilities, market presence, and product reliability .

Ranking of Fiber Bragg Grating OEM Manufacturers

The fiber bragg grating market is likely to grow at a higher rate in the forecast period due to the sensor's cumulative

Global Fiber Bragg Grating (FBG) market size is projected at USD 0.839 billion in 2026 and is expected to hit USD 2.146 billion by

This buyer's guide for fiber Bragg gratings provides technical background, comparison of major types,

This section provides an overview for fiber bragg gratings as well as their applications and principles. Also, please take a look at the

Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers,

Global Fiber Bragg Grating Amplifier Market Size is projected to grow from USD 2.62 Billion by 2035, at a CAGR of 7.8% during the

Take advantages of Exail's expertise in the manufacturing of speciality optical fibers and Fiber Bragg Gratings (FBG) to develop your

Custom fiber bragg gratings solutions & products. Fiber optic monitoring equipment. Based in Cambridge,

Fiber Bragg gratings have low insertion losses and enable low-cost manufacturing of high-quality wavelength-selective optical

Tunable Fiber Bragg Grating offers the flexibility of the electronically controlled tuning of the FBG wavelength. It can provide stable

Fiber Bragg Grating Products Using our advanced FBG writing technologies with holographic phase mask and ebeam phase mask,

Explore 18 top manufacturers and suppliers of Fiber Bragg Gratings in our comprehensive photonics buyers' guide. A fiber Bragg

As a fiber Bragg grating manufacturer in China, AtGrating specialized in the fields of FBG, FBG sensor, wavelength interrogator and

Top companies for Fiber Bragg Grating at VentureRadar with Innovation Scores, Core Health Signals and

more. Including FiSens

2.2 Global Tunable Fiber Bragg Grating Production Value Market Share by Manufacturers (2018-2023) 2.3
Global Key Players of

Explore rankings, profiles and SWOT of top Fiber Bragg Grating Amplifier market companies, with
2024-2031 outlook, regional

Web: <https://www.morwarreconst.co.za>

