

2015-2025 Global Fiber Bragg Grating (FBG) Market Research by Type, End-Use and Region (COVID-19 Version)

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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.

The global Fiber Bragg Grating (FBG) market is expected to reach xxx Million USD by 2025, with a CAGR of xx% from 2020 to 2025.

Further key aspects of the report indicate that:

Chapter 1: Market Definition and Segment by Type, End-Use & Major Regions
Market Size

Chapter 2: Global Production & Consumption Market by Type and End-Use

Chapter 3: Europe Production & Consumption Market by Type and End-Use

Chapter 4: America Production & Consumption Market by Type and End-Use

Chapter 5: Asia Production & Consumption Market by Type and End-Use

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Chapter 7: Africa Production & Consumption Market by Type and End-Use

Chapter 8: Global Market Forecast by Type, End-Use and Region

Chapter 9: Company information, Sales, Cost, Margin, news etc.

Chapter 10: Market Competition by Companies and Market Concentration Ratio

Chapter 11: Market Impact by Coronavirus.

Chapter 12: Industry Summary

Market Segment as follows:

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 bvba (FOS&S)

Alnair Labs Corporation

Key Types

Fiber Bragg Grating Filter

Fiber Bragg Grating Sensors

Others

Key End-Use

Optical Communication

Aerospace Applications

Energy industry

Transportation

Geo-Technical & Civil Engineering

Others

This report can be dispatched within 24-48 Hours.

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