

# Global Hollow Core Bragg Layered Fiber Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G4F2BA455586EN.html>

Date: June 2023

Pages: 93

Price: US\$ 3,480.00 (Single User License)

ID: G4F2BA455586EN

## Abstracts

According to our (Global Info Research) latest study, the global Hollow Core Bragg Layered Fiber market size was valued at USD 7 million in 2022 and is forecast to a readjusted size of USD 11 million by 2029 with a CAGR of 6.2% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Hollow Core Bragg Layered Fiber (HCBF) is used as a fiber filter and can be used for output wavelength selection of lasers. HCBF is also used as a transmission medium for infrared lasers and femtosecond laser pulses. The single pulse duration of femtosecond laser is extremely short, usually tens to hundreds of femtoseconds, but its peak power is extremely large and its spectrum range is ultra-wide. The high damage threshold of HCBF and the light reflection characteristics of wide spectrum and large angle are very suitable for the transmission of femtosecond laser pulses. In addition, by adjusting the manufacturing material of HCBF, its working band can be changed. For example, when using plastic materials, the corresponding HCBF can support light transmission in visible light and THz bands.

This report is a detailed and comprehensive analysis for global Hollow Core Bragg Layered Fiber market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

### Key Features:

Global Hollow Core Bragg Layered Fiber market size and forecasts, in consumption value (\$ Million), sales quantity (Meters), and average selling prices (US\$/Meter), 2018-2029

Global Hollow Core Bragg Layered Fiber market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Meters), and average selling prices (US\$/Meter), 2018-2029

Global Hollow Core Bragg Layered Fiber market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Meters), and average selling prices (US\$/Meter), 2018-2029

Global Hollow Core Bragg Layered Fiber market shares of main players, shipments in revenue (\$ Million), sales quantity (Meters), and ASP (US\$/Meter), 2018-2023

### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Hollow Core Bragg Layered Fiber

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Hollow Core Bragg Layered Fiber market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include NKT Photonics, Photonics Bretagne, GLOphotonics, Guiding Photonics and OFS (Furukawa), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

### Market Segmentation

Hollow Core Bragg Layered Fiber market is split by Type and by Application. For the

period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

405-450nm

515-532nm

780-800nm

1030-1064nm

Other

#### Market segment by Application

Telecommunications

High Power Laser Delivery

Gas Sensing

Imaging

Medical

Optical Gyroscope

Other

#### Major players covered

NKT Photonics

Photonics Bretagne

GLOphotonics

Guiding Photonics

OFS (Furukawa)

Lumenisity

YSL Photonics

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Hollow Core Bragg Layered Fiber product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Hollow Core Bragg Layered Fiber, with price, sales, revenue and global market share of Hollow Core Bragg Layered Fiber from 2018 to 2023.

Chapter 3, the Hollow Core Bragg Layered Fiber competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Hollow Core Bragg Layered Fiber breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Hollow Core Bragg Layered Fiber market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Hollow Core Bragg Layered Fiber.

Chapter 14 and 15, to describe Hollow Core Bragg Layered Fiber sales channel, distributors, customers, research findings and conclusion.

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