

# Global Optical Fiber V-Groove Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Optical Fiber V-Groove market size was valued at US\$ 91.6 million in 2024 and is forecast to a readjusted size of USD 141 million by 2031 with a CAGR of 6.4% during review period.

Fiber V-groove is a V-shaped groove processed by precision micromachining technology, which is used to achieve accurate arrangement and alignment of optical fibers in the fields of optical communication, optical modules and optical fiber sensing, thereby ensuring low loss and high precision of multiple optical fiber connections. This component is widely used in data centers, communication equipment and high-end optoelectronic systems, providing the system with stable and efficient optical signal transmission.

This report is a detailed and comprehensive analysis for global Optical Fiber V-Groove 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 2025, are provided.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

## Key Features:

Global Optical Fiber V-Groove market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Optical Fiber V-Groove market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Optical Fiber V-Groove market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Optical Fiber V-Groove market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

### **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 Optical Fiber V-Groove
- 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 Optical Fiber V-Groove market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Orbray, Corning, MITSUBISHI MATERIALS, Fiberguide Industries, Agiltron Inc., Focuslight, Shenzhen Solar Valley, JILONG, Beijing Ruihe, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market Segmentation**

Optical Fiber V-Groove market is split by Type and by Application. For the period 2020-2031, 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

Quartz Material

Borosilicate Glass Material

Others

## Market segment by Application

Optical Module

Fiber Optic Connector

PLC Splitter

Others

## Major players covered

Orbray

Corning

MITSUBISHI MATERIALS

Fiberguide Industries

Agiltron Inc.

Focuslight

Shenzhen Solar Valley

JILONG

Beijing Ruihe

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 Optical Fiber V-Groove product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Optical Fiber V-Groove, with price, sales quantity, revenue, and global market share of Optical Fiber V-Groove from 2020 to 2025.

Chapter 3, the Optical Fiber V-Groove competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Optical Fiber V-Groove breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Optical Fiber V-Groove market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Optical Fiber V-Groove.

Chapter 14 and 15, to describe Optical Fiber V-Groove sales channel, distributors, customers, research findings and conclusion.

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