

# Global Expanded Beam Cable Market 2023-2029

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## Abstracts

In 2022, the global expanded beam cable market stood at USD 1,098.0 million. Recording a CAGR of 24.39% from 2023 to 2029, the worth is projected to reach ~USD 5,011.0 million by 2029, according to the latest market data. Expanded beam cables are commonly used in military, aerospace, and industrial applications where reliability and performance are critical. They are also used in outdoor applications where the cable may be exposed to extreme temperatures, moisture, or other environmental hazards. Expanded beam cables are commonly used in military, aerospace, and industrial applications where reliability and performance are critical. They are also used in outdoor applications where the cable may be exposed to extreme temperatures, moisture, or other environmental hazards.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global expanded beam cable market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the lens size, technology, connector type, single vs multi-channel connector, application, and region. The global market for expanded beam cable can be segmented by lens size: 0.8 mm, 1.25 mm, 2.0 mm, 2.5 mm, 3.0 mm, others. Globally, the 2.0 mm segment made up the largest share of the expanded beam cable market. Expanded beam cable market is further segmented by technology: single mode, multi mode, hybrid. The multi mode segment captured the largest share of the market in 2022. Based on connector type, the expanded beam cable market is segmented into: single channel expanded beam connector, multi-channel expanded beam connector. According to the research, the multi-channel expanded beam connector segment had

the largest share in the global expanded beam cable market. On the basis of single vs multi-channel connector, the expanded beam cable market also can be divided into: rack & panel, panel mount connectors, in-line circular, quick-disconnect, others. The in-line circular segment held the largest revenue share in 2022. Expanded beam cable market by application is categorized into: military communications, oil & gas, medical, energy & power, broadcast systems, manufacturing and industrial, geophysical exploration, marine operations, aerospace, others. The expanded beam cable market by region can be segmented into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America.

### Market Segmentation

By lens size: 0.8 mm, 1.25 mm, 2.0 mm, 2.5 mm, 3.0 mm, others

By technology: single mode, multi mode, hybrid

By connector type: single channel expanded beam connector, multi-channel expanded beam connector

By single vs multi-channel connector: rack & panel, panel mount connectors, in-line circular, quick-disconnect, others

By application: military communications, oil & gas, medical, energy & power, broadcast systems, manufacturing and industrial, geophysical exploration, marine operations, aerospace, others

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The report also provides a detailed analysis of several leading expanded beam cable market vendors that include 3M Company, Amphenol FSI, Bel Fuse Inc., Optical Cable Corporation, Smith Group Plc, Sumitomo Electric Industries, Ltd., TE Connectivity Ltd., among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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### Scope of the Report

To analyze and forecast the market size of the global expanded beam cable market.

To classify and forecast the global expanded beam cable market based on lens size, technology, connector type, single vs multi-channel connector, application, region.

To identify drivers and challenges for the global expanded beam cable market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global expanded beam cable market.

To identify and analyze the profile of leading players operating in the global expanded beam cable market.

### Why Choose This Report

Gain a reliable outlook of the global expanded beam cable market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Latin America

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3M Company  
Amphenol FSI  
Bel Fuse Inc.  
Optical Cable Corporation  
Smith Group Plc  
Sumitomo Electric Industries, Ltd.

TE Connectivity Ltd.

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