

Global Specialty Optical Fibers for Aerospace Market Growth 2025-2031

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Abstracts

The global Specialty Optical Fibers for Aerospace market size is predicted to grow from US\$ 141 million in 2025 to US\$ 213 million in 2031; it is expected to grow at a CAGR of 7.1% from 2025 to 2031.

Specialty Optical Fibers (SOFs) find a wide range of applications in the aerospace industry due to their unique properties such as high bandwidth, lightweight, and resistance to harsh environments. SOFs are used in various aerospace applications such as sensing, communication, and monitoring.

United States market for Specialty Optical Fibers for Aerospace is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Specialty Optical Fibers for Aerospace is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Specialty Optical Fibers for Aerospace is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Specialty Optical Fibers for Aerospace players cover Coherent, Coractive, Corning, Fujikura, Fibercore, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Specialty Optical Fibers for Aerospace Industry Forecast" looks at past sales and reviews total world Specialty Optical Fibers for Aerospace sales in 2024, providing a comprehensive analysis by

region and market sector of projected Specialty Optical Fibers for Aerospace sales for 2025 through 2031. With Specialty Optical Fibers for Aerospace sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Specialty Optical Fibers for Aerospace industry.

This Insight Report provides a comprehensive analysis of the global Specialty Optical Fibers for Aerospace landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Specialty Optical Fibers for Aerospace portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Specialty Optical Fibers for Aerospace market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Specialty Optical Fibers for Aerospace and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Specialty Optical Fibers for Aerospace.

This report presents a comprehensive overview, market shares, and growth opportunities of Specialty Optical Fibers for Aerospace market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Radiation-resistant Fibers

Polarization Maintaining Fibers

High-Temperature Fibers

Other

Segmentation by Application:

Sensing

Communication

Monitoring

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Coherent

Coractive

Corning

Fujikura

Fibercore

OFS

Thorlabs

Molex

Leoni

AFL

Prysmian

YOFC

FiberHome

Key Questions Addressed in this Report

What is the 10-year outlook for the global Specialty Optical Fibers for Aerospace market?

What factors are driving Specialty Optical Fibers for Aerospace market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Specialty Optical Fibers for Aerospace market opportunities vary by end market size?

How does Specialty Optical Fibers for Aerospace break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Specialty Optical Fibers for Aerospace Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Specialty Optical Fibers for Aerospace by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Specialty Optical Fibers for Aerospace by Country/Region, 2020, 2024 & 2031
- 2.2 Specialty Optical Fibers for Aerospace Segment by Type
 - 2.2.1 Radiation-resistant Fibers
 - 2.2.2 Polarization Maintaining Fibers
 - 2.2.3 High-Temperature Fibers
 - 2.2.4 Other
- 2.3 Specialty Optical Fibers for Aerospace Sales by Type
 - 2.3.1 Global Specialty Optical Fibers for Aerospace Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Specialty Optical Fibers for Aerospace Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Specialty Optical Fibers for Aerospace Sale Price by Type (2020-2025)
- 2.4 Specialty Optical Fibers for Aerospace Segment by Application
 - 2.4.1 Sensing
 - 2.4.2 Communication
 - 2.4.3 Monitoring
 - 2.4.4 Other
- 2.5 Specialty Optical Fibers for Aerospace Sales by Application
 - 2.5.1 Global Specialty Optical Fibers for Aerospace Sale Market Share by Application

(2020-2025)

2.5.2 Global Specialty Optical Fibers for Aerospace Revenue and Market Share by Application (2020-2025)

2.5.3 Global Specialty Optical Fibers for Aerospace Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Specialty Optical Fibers for Aerospace Breakdown Data by Company

3.1.1 Global Specialty Optical Fibers for Aerospace Annual Sales by Company (2020-2025)

3.1.2 Global Specialty Optical Fibers for Aerospace Sales Market Share by Company (2020-2025)

3.2 Global Specialty Optical Fibers for Aerospace Annual Revenue by Company (2020-2025)

3.2.1 Global Specialty Optical Fibers for Aerospace Revenue by Company (2020-2025)

3.2.2 Global Specialty Optical Fibers for Aerospace Revenue Market Share by Company (2020-2025)

3.3 Global Specialty Optical Fibers for Aerospace Sale Price by Company

3.4 Key Manufacturers Specialty Optical Fibers for Aerospace Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Specialty Optical Fibers for Aerospace Product Location Distribution

3.4.2 Players Specialty Optical Fibers for Aerospace Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR SPECIALTY OPTICAL FIBERS FOR AEROSPACE BY GEOGRAPHIC REGION

4.1 World Historic Specialty Optical Fibers for Aerospace Market Size by Geographic Region (2020-2025)

4.1.1 Global Specialty Optical Fibers for Aerospace Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Specialty Optical Fibers for Aerospace Annual Revenue by Geographic

Region (2020-2025)

4.2 World Historic Specialty Optical Fibers for Aerospace Market Size by

Country/Region (2020-2025)

4.2.1 Global Specialty Optical Fibers for Aerospace Annual Sales by Country/Region (2020-2025)

4.2.2 Global Specialty Optical Fibers for Aerospace Annual Revenue by Country/Region (2020-2025)

4.3 Americas Specialty Optical Fibers for Aerospace Sales Growth

4.4 APAC Specialty Optical Fibers for Aerospace Sales Growth

4.5 Europe Specialty Optical Fibers for Aerospace Sales Growth

4.6 Middle East & Africa Specialty Optical Fibers for Aerospace Sales Growth

5 AMERICAS

5.1 Americas Specialty Optical Fibers for Aerospace Sales by Country

5.1.1 Americas Specialty Optical Fibers for Aerospace Sales by Country (2020-2025)

5.1.2 Americas Specialty Optical Fibers for Aerospace Revenue by Country (2020-2025)

5.2 Americas Specialty Optical Fibers for Aerospace Sales by Type (2020-2025)

5.3 Americas Specialty Optical Fibers for Aerospace Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Specialty Optical Fibers for Aerospace Sales by Region

6.1.1 APAC Specialty Optical Fibers for Aerospace Sales by Region (2020-2025)

6.1.2 APAC Specialty Optical Fibers for Aerospace Revenue by Region (2020-2025)

6.2 APAC Specialty Optical Fibers for Aerospace Sales by Type (2020-2025)

6.3 APAC Specialty Optical Fibers for Aerospace Sales by Application (2020-2025)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Specialty Optical Fibers for Aerospace by Country

7.1.1 Europe Specialty Optical Fibers for Aerospace Sales by Country (2020-2025)

7.1.2 Europe Specialty Optical Fibers for Aerospace Revenue by Country (2020-2025)

7.2 Europe Specialty Optical Fibers for Aerospace Sales by Type (2020-2025)

7.3 Europe Specialty Optical Fibers for Aerospace Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Specialty Optical Fibers for Aerospace by Country

8.1.1 Middle East & Africa Specialty Optical Fibers for Aerospace Sales by Country (2020-2025)

8.1.2 Middle East & Africa Specialty Optical Fibers for Aerospace Revenue by Country (2020-2025)

8.2 Middle East & Africa Specialty Optical Fibers for Aerospace Sales by Type (2020-2025)

8.3 Middle East & Africa Specialty Optical Fibers for Aerospace Sales by Application (2020-2025)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Specialty Optical Fibers for Aerospace

10.3 Manufacturing Process Analysis of Specialty Optical Fibers for Aerospace

10.4 Industry Chain Structure of Specialty Optical Fibers for Aerospace

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Specialty Optical Fibers for Aerospace Distributors

11.3 Specialty Optical Fibers for Aerospace Customer

12 WORLD FORECAST REVIEW FOR SPECIALTY OPTICAL FIBERS FOR AEROSPACE BY GEOGRAPHIC REGION

12.1 Global Specialty Optical Fibers for Aerospace Market Size Forecast by Region

12.1.1 Global Specialty Optical Fibers for Aerospace Forecast by Region (2026-2031)

12.1.2 Global Specialty Optical Fibers for Aerospace Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global Specialty Optical Fibers for Aerospace Forecast by Type (2026-2031)

12.7 Global Specialty Optical Fibers for Aerospace Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Coherent

13.1.1 Coherent Company Information

13.1.2 Coherent Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

13.1.3 Coherent Specialty Optical Fibers for Aerospace Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 Coherent Main Business Overview

13.1.5 Coherent Latest Developments

13.2 Coractive

13.2.1 Coractive Company Information

13.2.2 Coractive Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

13.2.3 Coractive Specialty Optical Fibers for Aerospace Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 Coractive Main Business Overview

13.2.5 Coractive Latest Developments

13.3 Corning

13.3.1 Corning Company Information

13.3.2 Corning Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

13.3.3 Corning Specialty Optical Fibers for Aerospace Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Corning Main Business Overview

13.3.5 Corning Latest Developments

13.4 Fujikura

13.4.1 Fujikura Company Information

13.4.2 Fujikura Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

13.4.3 Fujikura Specialty Optical Fibers for Aerospace Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Fujikura Main Business Overview

13.4.5 Fujikura Latest Developments

13.5 Fibercore

13.5.1 Fibercore Company Information

13.5.2 Fibercore Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

13.5.3 Fibercore Specialty Optical Fibers for Aerospace Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 Fibercore Main Business Overview

13.5.5 Fibercore Latest Developments

13.6 OFS

13.6.1 OFS Company Information

13.6.2 OFS Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

13.6.3 OFS Specialty Optical Fibers for Aerospace Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 OFS Main Business Overview

13.6.5 OFS Latest Developments

13.7 Thorlabs

- 13.7.1 Thorlabs Company Information
- 13.7.2 Thorlabs Specialty Optical Fibers for Aerospace Product Portfolios and Specifications
- 13.7.3 Thorlabs Specialty Optical Fibers for Aerospace Sales, Revenue, Price and Gross Margin (2020-2025)
- 13.7.4 Thorlabs Main Business Overview
- 13.7.5 Thorlabs Latest Developments
- 13.8 Molex
 - 13.8.1 Molex Company Information
 - 13.8.2 Molex Specialty Optical Fibers for Aerospace Product Portfolios and Specifications
 - 13.8.3 Molex Specialty Optical Fibers for Aerospace Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.8.4 Molex Main Business Overview
 - 13.8.5 Molex Latest Developments
- 13.9 Leoni
 - 13.9.1 Leoni Company Information
 - 13.9.2 Leoni Specialty Optical Fibers for Aerospace Product Portfolios and Specifications
 - 13.9.3 Leoni Specialty Optical Fibers for Aerospace Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.9.4 Leoni Main Business Overview
 - 13.9.5 Leoni Latest Developments
- 13.10 AFL
 - 13.10.1 AFL Company Information
 - 13.10.2 AFL Specialty Optical Fibers for Aerospace Product Portfolios and Specifications
 - 13.10.3 AFL Specialty Optical Fibers for Aerospace Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.10.4 AFL Main Business Overview
 - 13.10.5 AFL Latest Developments
- 13.11 Prysmian
 - 13.11.1 Prysmian Company Information
 - 13.11.2 Prysmian Specialty Optical Fibers for Aerospace Product Portfolios and Specifications
 - 13.11.3 Prysmian Specialty Optical Fibers for Aerospace Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.11.4 Prysmian Main Business Overview
 - 13.11.5 Prysmian Latest Developments

13.12 YOFC

13.12.1 YOFC Company Information

13.12.2 YOFC Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

13.12.3 YOFC Specialty Optical Fibers for Aerospace Sales, Revenue, Price and Gross Margin (2020-2025)

13.12.4 YOFC Main Business Overview

13.12.5 YOFC Latest Developments

13.13 FiberHome

13.13.1 FiberHome Company Information

13.13.2 FiberHome Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

13.13.3 FiberHome Specialty Optical Fibers for Aerospace Sales, Revenue, Price and Gross Margin (2020-2025)

13.13.4 FiberHome Main Business Overview

13.13.5 FiberHome Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Specialty Optical Fibers for Aerospace Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Specialty Optical Fibers for Aerospace Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of Radiation-resistant Fibers

Table 4. Major Players of Polarization Maintaining Fibers

Table 5. Major Players of High-Temperature Fibers

Table 6. Major Players of Other

Table 7. Global Specialty Optical Fibers for Aerospace Sales by Type (2020-2025) & (Tons)

Table 8. Global Specialty Optical Fibers for Aerospace Sales Market Share by Type (2020-2025)

Table 9. Global Specialty Optical Fibers for Aerospace Revenue by Type (2020-2025) & (\$ million)

Table 10. Global Specialty Optical Fibers for Aerospace Revenue Market Share by Type (2020-2025)

Table 11. Global Specialty Optical Fibers for Aerospace Sale Price by Type (2020-2025) & (US\$/Ton)

Table 12. Global Specialty Optical Fibers for Aerospace Sale by Application (2020-2025) & (Tons)

Table 13. Global Specialty Optical Fibers for Aerospace Sale Market Share by Application (2020-2025)

Table 14. Global Specialty Optical Fibers for Aerospace Revenue by Application (2020-2025) & (\$ million)

Table 15. Global Specialty Optical Fibers for Aerospace Revenue Market Share by Application (2020-2025)

Table 16. Global Specialty Optical Fibers for Aerospace Sale Price by Application (2020-2025) & (US\$/Ton)

Table 17. Global Specialty Optical Fibers for Aerospace Sales by Company (2020-2025) & (Tons)

Table 18. Global Specialty Optical Fibers for Aerospace Sales Market Share by Company (2020-2025)

Table 19. Global Specialty Optical Fibers for Aerospace Revenue by Company (2020-2025) & (\$ millions)

Table 20. Global Specialty Optical Fibers for Aerospace Revenue Market Share by

Company (2020-2025)

Table 21. Global Specialty Optical Fibers for Aerospace Sale Price by Company (2020-2025) & (US\$/Ton)

Table 22. Key Manufacturers Specialty Optical Fibers for Aerospace Producing Area Distribution and Sales Area

Table 23. Players Specialty Optical Fibers for Aerospace Products Offered

Table 24. Specialty Optical Fibers for Aerospace Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 25. New Products and Potential Entrants

Table 26. Market M&A Activity & Strategy

Table 27. Global Specialty Optical Fibers for Aerospace Sales by Geographic Region (2020-2025) & (Tons)

Table 28. Global Specialty Optical Fibers for Aerospace Sales Market Share Geographic Region (2020-2025)

Table 29. Global Specialty Optical Fibers for Aerospace Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 30. Global Specialty Optical Fibers for Aerospace Revenue Market Share by Geographic Region (2020-2025)

Table 31. Global Specialty Optical Fibers for Aerospace Sales by Country/Region (2020-2025) & (Tons)

Table 32. Global Specialty Optical Fibers for Aerospace Sales Market Share by Country/Region (2020-2025)

Table 33. Global Specialty Optical Fibers for Aerospace Revenue by Country/Region (2020-2025) & (\$ millions)

Table 34. Global Specialty Optical Fibers for Aerospace Revenue Market Share by Country/Region (2020-2025)

Table 35. Americas Specialty Optical Fibers for Aerospace Sales by Country (2020-2025) & (Tons)

Table 36. Americas Specialty Optical Fibers for Aerospace Sales Market Share by Country (2020-2025)

Table 37. Americas Specialty Optical Fibers for Aerospace Revenue by Country (2020-2025) & (\$ millions)

Table 38. Americas Specialty Optical Fibers for Aerospace Sales by Type (2020-2025) & (Tons)

Table 39. Americas Specialty Optical Fibers for Aerospace Sales by Application (2020-2025) & (Tons)

Table 40. APAC Specialty Optical Fibers for Aerospace Sales by Region (2020-2025) & (Tons)

Table 41. APAC Specialty Optical Fibers for Aerospace Sales Market Share by Region

(2020-2025)

Table 42. APAC Specialty Optical Fibers for Aerospace Revenue by Region
(2020-2025) & (\$ millions)

Table 43. APAC Specialty Optical Fibers for Aerospace Sales by Type (2020-2025) &
(Tons)

Table 44. APAC Specialty Optical Fibers for Aerospace Sales by Application
(2020-2025) & (Tons)

Table 45. Europe Specialty Optical Fibers for Aerospace Sales by Country (2020-2025)
& (Tons)

Table 46. Europe Specialty Optical Fibers for Aerospace Revenue by Country
(2020-2025) & (\$ millions)

Table 47. Europe Specialty Optical Fibers for Aerospace Sales by Type (2020-2025) &
(Tons)

Table 48. Europe Specialty Optical Fibers for Aerospace Sales by Application
(2020-2025) & (Tons)

Table 49. Middle East & Africa Specialty Optical Fibers for Aerospace Sales by Country
(2020-2025) & (Tons)

Table 50. Middle East & Africa Specialty Optical Fibers for Aerospace Revenue Market
Share by Country (2020-2025)

Table 51. Middle East & Africa Specialty Optical Fibers for Aerospace Sales by Type
(2020-2025) & (Tons)

Table 52. Middle East & Africa Specialty Optical Fibers for Aerospace Sales by
Application (2020-2025) & (Tons)

Table 53. Key Market Drivers & Growth Opportunities of Specialty Optical Fibers for
Aerospace

Table 54. Key Market Challenges & Risks of Specialty Optical Fibers for Aerospace

Table 55. Key Industry Trends of Specialty Optical Fibers for Aerospace

Table 56. Specialty Optical Fibers for Aerospace Raw Material

Table 57. Key Suppliers of Raw Materials

Table 58. Specialty Optical Fibers for Aerospace Distributors List

Table 59. Specialty Optical Fibers for Aerospace Customer List

Table 60. Global Specialty Optical Fibers for Aerospace Sales Forecast by Region
(2026-2031) & (Tons)

Table 61. Global Specialty Optical Fibers for Aerospace Revenue Forecast by Region
(2026-2031) & (\$ millions)

Table 62. Americas Specialty Optical Fibers for Aerospace Sales Forecast by Country
(2026-2031) & (Tons)

Table 63. Americas Specialty Optical Fibers for Aerospace Annual Revenue Forecast
by Country (2026-2031) & (\$ millions)

Table 64. APAC Specialty Optical Fibers for Aerospace Sales Forecast by Region (2026-2031) & (Tons)

Table 65. APAC Specialty Optical Fibers for Aerospace Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 66. Europe Specialty Optical Fibers for Aerospace Sales Forecast by Country (2026-2031) & (Tons)

Table 67. Europe Specialty Optical Fibers for Aerospace Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Middle East & Africa Specialty Optical Fibers for Aerospace Sales Forecast by Country (2026-2031) & (Tons)

Table 69. Middle East & Africa Specialty Optical Fibers for Aerospace Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 70. Global Specialty Optical Fibers for Aerospace Sales Forecast by Type (2026-2031) & (Tons)

Table 71. Global Specialty Optical Fibers for Aerospace Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 72. Global Specialty Optical Fibers for Aerospace Sales Forecast by Application (2026-2031) & (Tons)

Table 73. Global Specialty Optical Fibers for Aerospace Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 74. Coherent Basic Information, Specialty Optical Fibers for Aerospace Manufacturing Base, Sales Area and Its Competitors

Table 75. Coherent Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

Table 76. Coherent Specialty Optical Fibers for Aerospace Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 77. Coherent Main Business

Table 78. Coherent Latest Developments

Table 79. Coractive Basic Information, Specialty Optical Fibers for Aerospace Manufacturing Base, Sales Area and Its Competitors

Table 80. Coractive Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

Table 81. Coractive Specialty Optical Fibers for Aerospace Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 82. Coractive Main Business

Table 83. Coractive Latest Developments

Table 84. Corning Basic Information, Specialty Optical Fibers for Aerospace Manufacturing Base, Sales Area and Its Competitors

Table 85. Corning Specialty Optical Fibers for Aerospace Product Portfolios and

Specifications

Table 86. Corning Specialty Optical Fibers for Aerospace Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 87. Corning Main Business

Table 88. Corning Latest Developments

Table 89. Fujikura Basic Information, Specialty Optical Fibers for Aerospace Manufacturing Base, Sales Area and Its Competitors

Table 90. Fujikura Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

Table 91. Fujikura Specialty Optical Fibers for Aerospace Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 92. Fujikura Main Business

Table 93. Fujikura Latest Developments

Table 94. Fibercore Basic Information, Specialty Optical Fibers for Aerospace Manufacturing Base, Sales Area and Its Competitors

Table 95. Fibercore Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

Table 96. Fibercore Specialty Optical Fibers for Aerospace Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 97. Fibercore Main Business

Table 98. Fibercore Latest Developments

Table 99. OFS Basic Information, Specialty Optical Fibers for Aerospace Manufacturing Base, Sales Area and Its Competitors

Table 100. OFS Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

Table 101. OFS Specialty Optical Fibers for Aerospace Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 102. OFS Main Business

Table 103. OFS Latest Developments

Table 104. Thorlabs Basic Information, Specialty Optical Fibers for Aerospace Manufacturing Base, Sales Area and Its Competitors

Table 105. Thorlabs Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

Table 106. Thorlabs Specialty Optical Fibers for Aerospace Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 107. Thorlabs Main Business

Table 108. Thorlabs Latest Developments

Table 109. Molex Basic Information, Specialty Optical Fibers for Aerospace Manufacturing Base, Sales Area and Its Competitors

Table 110. Molex Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

Table 111. Molex Specialty Optical Fibers for Aerospace Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 112. Molex Main Business

Table 113. Molex Latest Developments

Table 114. Leoni Basic Information, Specialty Optical Fibers for Aerospace Manufacturing Base, Sales Area and Its Competitors

Table 115. Leoni Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

Table 116. Leoni Specialty Optical Fibers for Aerospace Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 117. Leoni Main Business

Table 118. Leoni Latest Developments

Table 119. AFL Basic Information, Specialty Optical Fibers for Aerospace Manufacturing Base, Sales Area and Its Competitors

Table 120. AFL Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

Table 121. AFL Specialty Optical Fibers for Aerospace Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 122. AFL Main Business

Table 123. AFL Latest Developments

Table 124. Prysmian Basic Information, Specialty Optical Fibers for Aerospace Manufacturing Base, Sales Area and Its Competitors

Table 125. Prysmian Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

Table 126. Prysmian Specialty Optical Fibers for Aerospace Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 127. Prysmian Main Business

Table 128. Prysmian Latest Developments

Table 129. YOFC Basic Information, Specialty Optical Fibers for Aerospace Manufacturing Base, Sales Area and Its Competitors

Table 130. YOFC Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

Table 131. YOFC Specialty Optical Fibers for Aerospace Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 132. YOFC Main Business

Table 133. YOFC Latest Developments

Table 134. FiberHome Basic Information, Specialty Optical Fibers for Aerospace

Manufacturing Base, Sales Area and Its Competitors

Table 135. FiberHome Specialty Optical Fibers for Aerospace Product Portfolios and Specifications

Table 136. FiberHome Specialty Optical Fibers for Aerospace Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 137. FiberHome Main Business

Table 138. FiberHome Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Specialty Optical Fibers for Aerospace
- Figure 2. Specialty Optical Fibers for Aerospace Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Specialty Optical Fibers for Aerospace Sales Growth Rate 2020-2031 (Tons)
- Figure 7. Global Specialty Optical Fibers for Aerospace Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Specialty Optical Fibers for Aerospace Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Specialty Optical Fibers for Aerospace Sales Market Share by Country/Region (2024)
- Figure 10. Specialty Optical Fibers for Aerospace Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Radiation-resistant Fibers
- Figure 12. Product Picture of Polarization Maintaining Fibers
- Figure 13. Product Picture of High-Temperature Fibers
- Figure 14. Product Picture of Other
- Figure 15. Global Specialty Optical Fibers for Aerospace Sales Market Share by Type in 2025
- Figure 16. Global Specialty Optical Fibers for Aerospace Revenue Market Share by Type (2020-2025)
- Figure 17. Specialty Optical Fibers for Aerospace Consumed in Sensing
- Figure 18. Global Specialty Optical Fibers for Aerospace Market: Sensing (2020-2025) & (Tons)
- Figure 19. Specialty Optical Fibers for Aerospace Consumed in Communication
- Figure 20. Global Specialty Optical Fibers for Aerospace Market: Communication (2020-2025) & (Tons)
- Figure 21. Specialty Optical Fibers for Aerospace Consumed in Monitoring
- Figure 22. Global Specialty Optical Fibers for Aerospace Market: Monitoring (2020-2025) & (Tons)
- Figure 23. Specialty Optical Fibers for Aerospace Consumed in Other
- Figure 24. Global Specialty Optical Fibers for Aerospace Market: Other (2020-2025) & (Tons)

Figure 25. Global Specialty Optical Fibers for Aerospace Sale Market Share by Application (2024)

Figure 26. Global Specialty Optical Fibers for Aerospace Revenue Market Share by Application in 2025

Figure 27. Specialty Optical Fibers for Aerospace Sales by Company in 2025 (Tons)

Figure 28. Global Specialty Optical Fibers for Aerospace Sales Market Share by Company in 2025

Figure 29. Specialty Optical Fibers for Aerospace Revenue by Company in 2025 (\$ millions)

Figure 30. Global Specialty Optical Fibers for Aerospace Revenue Market Share by Company in 2025

Figure 31. Global Specialty Optical Fibers for Aerospace Sales Market Share by Geographic Region (2020-2025)

Figure 32. Global Specialty Optical Fibers for Aerospace Revenue Market Share by Geographic Region in 2025

Figure 33. Americas Specialty Optical Fibers for Aerospace Sales 2020-2025 (Tons)

Figure 34. Americas Specialty Optical Fibers for Aerospace Revenue 2020-2025 (\$ millions)

Figure 35. APAC Specialty Optical Fibers for Aerospace Sales 2020-2025 (Tons)

Figure 36. APAC Specialty Optical Fibers for Aerospace Revenue 2020-2025 (\$ millions)

Figure 37. Europe Specialty Optical Fibers for Aerospace Sales 2020-2025 (Tons)

Figure 38. Europe Specialty Optical Fibers for Aerospace Revenue 2020-2025 (\$ millions)

Figure 39. Middle East & Africa Specialty Optical Fibers for Aerospace Sales 2020-2025 (Tons)

Figure 40. Middle East & Africa Specialty Optical Fibers for Aerospace Revenue 2020-2025 (\$ millions)

Figure 41. Americas Specialty Optical Fibers for Aerospace Sales Market Share by Country in 2025

Figure 42. Americas Specialty Optical Fibers for Aerospace Revenue Market Share by Country (2020-2025)

Figure 43. Americas Specialty Optical Fibers for Aerospace Sales Market Share by Type (2020-2025)

Figure 44. Americas Specialty Optical Fibers for Aerospace Sales Market Share by Application (2020-2025)

Figure 45. United States Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 46. Canada Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025

(\$ millions)

Figure 47. Mexico Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025

(\$ millions)

Figure 48. Brazil Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 49. APAC Specialty Optical Fibers for Aerospace Sales Market Share by Region in 2025

Figure 50. APAC Specialty Optical Fibers for Aerospace Revenue Market Share by Region (2020-2025)

Figure 51. APAC Specialty Optical Fibers for Aerospace Sales Market Share by Type (2020-2025)

Figure 52. APAC Specialty Optical Fibers for Aerospace Sales Market Share by Application (2020-2025)

Figure 53. China Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 54. Japan Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 55. South Korea Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 56. Southeast Asia Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 57. India Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 58. Australia Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 59. China Taiwan Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 60. Europe Specialty Optical Fibers for Aerospace Sales Market Share by Country in 2025

Figure 61. Europe Specialty Optical Fibers for Aerospace Revenue Market Share by Country (2020-2025)

Figure 62. Europe Specialty Optical Fibers for Aerospace Sales Market Share by Type (2020-2025)

Figure 63. Europe Specialty Optical Fibers for Aerospace Sales Market Share by Application (2020-2025)

Figure 64. Germany Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 65. France Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 66. UK Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 67. Italy Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 68. Russia Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 69. Middle East & Africa Specialty Optical Fibers for Aerospace Sales Market Share by Country (2020-2025)

Figure 70. Middle East & Africa Specialty Optical Fibers for Aerospace Sales Market Share by Type (2020-2025)

Figure 71. Middle East & Africa Specialty Optical Fibers for Aerospace Sales Market Share by Application (2020-2025)

Figure 72. Egypt Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 73. South Africa Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 74. Israel Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 75. Turkey Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 76. GCC Countries Specialty Optical Fibers for Aerospace Revenue Growth 2020-2025 (\$ millions)

Figure 77. Manufacturing Cost Structure Analysis of Specialty Optical Fibers for Aerospace in 2025

Figure 78. Manufacturing Process Analysis of Specialty Optical Fibers for Aerospace

Figure 79. Industry Chain Structure of Specialty Optical Fibers for Aerospace

Figure 80. Channels of Distribution

Figure 81. Global Specialty Optical Fibers for Aerospace Sales Market Forecast by Region (2026-2031)

Figure 82. Global Specialty Optical Fibers for Aerospace Revenue Market Share Forecast by Region (2026-2031)

Figure 83. Global Specialty Optical Fibers for Aerospace Sales Market Share Forecast by Type (2026-2031)

Figure 84. Global Specialty Optical Fibers for Aerospace Revenue Market Share Forecast by Type (2026-2031)

Figure 85. Global Specialty Optical Fibers for Aerospace Sales Market Share Forecast by Application (2026-2031)

Figure 86. Global Specialty Optical Fibers for Aerospace Revenue Market Share Forecast by Application (2026-2031)

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