

# Global Underground Single Mode Optical Fiber Market Research Report 2026(Status and Outlook)

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## Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Underground Single Mode Optical Fiber competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. An underground single-mode optical fiber is a type of fiber optic cable designed to transmit data over long distances using a single mode of light. These fibers have a small core diameter, typically around 8-10 microns, and are used for long-haul telecommunications and internet infrastructure

The global Underground Single Mode Optical Fiber market size was estimated at USD 8200.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 6.20% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Underground Single Mode Optical Fiber market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Underground Single Mode Optical Fiber market. It offers detailed profiles of major

players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Underground Single Mode Optical Fiber market.

## **Global Underground Single Mode Optical Fiber Market: Market Segmentation Analysis**

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### **Key Company**

Corning Incorporated  
Prysmian Group  
Sumitomo Electric Industries  
CommScope Holding Company inc.  
Nexans SA  
Optical Fiber Solutions  
Finolex Cables Ltd.  
Bjagyadeep Cables Private Limited  
Fujikura Ltd.  
Sterlite Technologies Limited

### **Market Segmentation (by Type)**

OS1 Fibers  
OS2 Fibers  
Others

### **Market Segmentation (by Application)**

Telecommunication  
Mine Communication  
Data Centers  
Industrial Networking  
Others

### **Geographic Segmentation**

North America (USA, Canada, Mexico)  
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)  
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)  
South America (Brazil, Argentina, Columbia, Rest of South America)  
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

### **Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study  
Neutral perspective on the market performance  
Recent industry trends and developments  
Competitive landscape & strategies of key players  
Potential & niche segments and regions exhibiting promising growth covered  
Historical, current, and projected market size, in terms of value  
In-depth analysis of the Underground Single Mode Optical Fiber Market  
Overview of the regional outlook of the Underground Single Mode Optical Fiber Market:

### **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

### **Chapter Outline**

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Underground Single Mode Optical Fiber Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Underground Single Mode Optical Fiber, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### **Customization of the Report**

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## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Underground Single Mode Optical Fiber
- 1.2 Key Market Segments
  - 1.2.1 Underground Single Mode Optical Fiber Segment by Type
  - 1.2.2 Underground Single Mode Optical Fiber Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 UNDERGROUND SINGLE MODE OPTICAL FIBER MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Underground Single Mode Optical Fiber Market Size (M USD) Estimates and Forecasts (2020-2035)
  - 2.1.2 Global Underground Single Mode Optical Fiber Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 UNDERGROUND SINGLE MODE OPTICAL FIBER MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Underground Single Mode Optical Fiber Product Life Cycle
- 3.3 Global Underground Single Mode Optical Fiber Sales by Manufacturers (2020-2025)
- 3.4 Global Underground Single Mode Optical Fiber Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Underground Single Mode Optical Fiber Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Underground Single Mode Optical Fiber Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Underground Single Mode Optical Fiber Market Competitive Situation and Trends

- 3.8.1 Underground Single Mode Optical Fiber Market Concentration Rate
- 3.8.2 Global 5 and 10 Largest Underground Single Mode Optical Fiber Players Market Share by Revenue
- 3.8.3 Mergers & Acquisitions, Expansion

## **4 UNDERGROUND SINGLE MODE OPTICAL FIBER INDUSTRY CHAIN ANALYSIS**

- 4.1 Underground Single Mode Optical Fiber Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF UNDERGROUND SINGLE MODE OPTICAL FIBER MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
  - 5.4.1 New Product Developments
  - 5.4.2 Mergers & Acquisitions
  - 5.4.3 Expansions
  - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
  - 5.5.1 Industry Policies Analysis
  - 5.5.2 Economic Environment Analysis
  - 5.5.3 Social Environment Analysis
  - 5.5.4 Technological Environment Analysis
- 5.6 Global Underground Single Mode Optical Fiber Market Porter's Five Forces Analysis
  - 5.6.1 Global Trade Frictions
  - 5.6.2 U.S. Tariff Policy ? April 2025
  - 5.6.3 Global Trade Frictions and Their Impacts to Underground Single Mode Optical Fiber Market
- 5.7 ESG Ratings of Leading Companies

## **6 UNDERGROUND SINGLE MODE OPTICAL FIBER MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Underground Single Mode Optical Fiber Sales Market Share by Type (2020-2025)
- 6.3 Global Underground Single Mode Optical Fiber Market Size by Type (2020-2025)
- 6.4 Global Underground Single Mode Optical Fiber Price by Type (2020-2025)

## **7 UNDERGROUND SINGLE MODE OPTICAL FIBER MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Underground Single Mode Optical Fiber Market Sales by Application (2020-2025)
- 7.3 Global Underground Single Mode Optical Fiber Market Size (M USD) by Application (2020-2025)
- 7.4 Global Underground Single Mode Optical Fiber Sales Growth Rate by Application (2020-2025)

## **8 UNDERGROUND SINGLE MODE OPTICAL FIBER MARKET SALES BY REGION**

- 8.1 Global Underground Single Mode Optical Fiber Sales by Region
  - 8.1.1 Global Underground Single Mode Optical Fiber Sales by Region
  - 8.1.2 Global Underground Single Mode Optical Fiber Sales Market Share by Region
- 8.2 Global Underground Single Mode Optical Fiber Market Size by Region
  - 8.2.1 Global Underground Single Mode Optical Fiber Market Size by Region
  - 8.2.2 Global Underground Single Mode Optical Fiber Market Size by Region
- 8.3 North America
  - 8.3.1 North America Underground Single Mode Optical Fiber Sales by Country
  - 8.3.2 North America Underground Single Mode Optical Fiber Market Size by Country
  - 8.3.3 U.S. Market Overview
  - 8.3.4 Canada Market Overview
  - 8.3.5 Mexico Market Overview
- 8.4 Europe
  - 8.4.1 Europe Underground Single Mode Optical Fiber Sales by Country
  - 8.4.2 Europe Underground Single Mode Optical Fiber Market Size by Country
  - 8.4.3 Germany Market Overview
  - 8.4.4 France Market Overview
  - 8.4.5 U.K. Market Overview
  - 8.4.6 Italy Market Overview
  - 8.4.7 Spain Market Overview

## 8.5 Asia Pacific

- 8.5.1 Asia Pacific Underground Single Mode Optical Fiber Sales by Region
- 8.5.2 Asia Pacific Underground Single Mode Optical Fiber Market Size by Region
- 8.5.3 China Market Overview
- 8.5.4 Japan Market Overview
- 8.5.5 South Korea Market Overview
- 8.5.6 India Market Overview
- 8.5.7 Southeast Asia Market Overview

## 8.6 South America

- 8.6.1 South America Underground Single Mode Optical Fiber Sales by Country
- 8.6.2 South America Underground Single Mode Optical Fiber Market Size by Country
- 8.6.3 Brazil Market Overview
- 8.6.4 Argentina Market Overview
- 8.6.5 Columbia Market Overview

## 8.7 Middle East and Africa

- 8.7.1 Middle East and Africa Underground Single Mode Optical Fiber Sales by Region
- 8.7.2 Middle East and Africa Underground Single Mode Optical Fiber Market Size by Region
- 8.7.3 Saudi Arabia Market Overview
- 8.7.4 UAE Market Overview
- 8.7.5 Egypt Market Overview
- 8.7.6 Nigeria Market Overview
- 8.7.7 South Africa Market Overview

## **9 UNDERGROUND SINGLE MODE OPTICAL FIBER MARKET PRODUCTION BY REGION**

- 9.1 Global Production of Underground Single Mode Optical Fiber by Region(2020-2025)
- 9.2 Global Underground Single Mode Optical Fiber Revenue Market Share by Region (2020-2025)
- 9.3 Global Underground Single Mode Optical Fiber Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Underground Single Mode Optical Fiber Production
  - 9.4.1 North America Underground Single Mode Optical Fiber Production Growth Rate (2020-2025)
  - 9.4.2 North America Underground Single Mode Optical Fiber Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Underground Single Mode Optical Fiber Production
  - 9.5.1 Europe Underground Single Mode Optical Fiber Production Growth Rate

(2020-2025)

9.5.2 Europe Underground Single Mode Optical Fiber Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Underground Single Mode Optical Fiber Production (2020-2025)

9.6.1 Japan Underground Single Mode Optical Fiber Production Growth Rate (2020-2025)

9.6.2 Japan Underground Single Mode Optical Fiber Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Underground Single Mode Optical Fiber Production (2020-2025)

9.7.1 China Underground Single Mode Optical Fiber Production Growth Rate (2020-2025)

9.7.2 China Underground Single Mode Optical Fiber Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

10.1 Corning Incorporated

10.1.1 Corning Incorporated Basic Information

10.1.2 Corning Incorporated Underground Single Mode Optical Fiber Product Overview

10.1.3 Corning Incorporated Underground Single Mode Optical Fiber Product Market Performance

10.1.4 Corning Incorporated Business Overview

10.1.5 Corning Incorporated SWOT Analysis

10.1.6 Corning Incorporated Recent Developments

10.2 Prysmian Group

10.2.1 Prysmian Group Basic Information

10.2.2 Prysmian Group Underground Single Mode Optical Fiber Product Overview

10.2.3 Prysmian Group Underground Single Mode Optical Fiber Product Market Performance

10.2.4 Prysmian Group Business Overview

10.2.5 Prysmian Group SWOT Analysis

10.2.6 Prysmian Group Recent Developments

10.3 Sumitomo Electric Industries

10.3.1 Sumitomo Electric Industries Basic Information

10.3.2 Sumitomo Electric Industries Underground Single Mode Optical Fiber Product Overview

10.3.3 Sumitomo Electric Industries Underground Single Mode Optical Fiber Product Market Performance

- 10.3.4 Sumitomo Electric Industries Business Overview
- 10.3.5 Sumitomo Electric Industries SWOT Analysis
- 10.3.6 Sumitomo Electric Industries Recent Developments
- 10.4 CommScope Holding Company inc.
  - 10.4.1 CommScope Holding Company inc. Basic Information
  - 10.4.2 CommScope Holding Company inc. Underground Single Mode Optical Fiber Product Overview
  - 10.4.3 CommScope Holding Company inc. Underground Single Mode Optical Fiber Product Market Performance
  - 10.4.4 CommScope Holding Company inc. Business Overview
  - 10.4.5 CommScope Holding Company inc. Recent Developments
- 10.5 Nexans SA
  - 10.5.1 Nexans SA Basic Information
  - 10.5.2 Nexans SA Underground Single Mode Optical Fiber Product Overview
  - 10.5.3 Nexans SA Underground Single Mode Optical Fiber Product Market Performance
  - 10.5.4 Nexans SA Business Overview
  - 10.5.5 Nexans SA Recent Developments
- 10.6 Optical Fiber Solutions
  - 10.6.1 Optical Fiber Solutions Basic Information
  - 10.6.2 Optical Fiber Solutions Underground Single Mode Optical Fiber Product Overview
  - 10.6.3 Optical Fiber Solutions Underground Single Mode Optical Fiber Product Market Performance
  - 10.6.4 Optical Fiber Solutions Business Overview
  - 10.6.5 Optical Fiber Solutions Recent Developments
- 10.7 Finolex Cables Ltd.
  - 10.7.1 Finolex Cables Ltd. Basic Information
  - 10.7.2 Finolex Cables Ltd. Underground Single Mode Optical Fiber Product Overview
  - 10.7.3 Finolex Cables Ltd. Underground Single Mode Optical Fiber Product Market Performance
  - 10.7.4 Finolex Cables Ltd. Business Overview
  - 10.7.5 Finolex Cables Ltd. Recent Developments
- 10.8 Bjpgyadeep Cables Private Limited
  - 10.8.1 Bjpgyadeep Cables Private Limited Basic Information
  - 10.8.2 Bjpgyadeep Cables Private Limited Underground Single Mode Optical Fiber Product Overview
  - 10.8.3 Bjpgyadeep Cables Private Limited Underground Single Mode Optical Fiber Product Market Performance

- 10.8.4 Bjagyadeep Cables Private Limited Business Overview
- 10.8.5 Bjagyadeep Cables Private Limited Recent Developments
- 10.9 Fujikura Ltd.
  - 10.9.1 Fujikura Ltd. Basic Information
  - 10.9.2 Fujikura Ltd. Underground Single Mode Optical Fiber Product Overview
  - 10.9.3 Fujikura Ltd. Underground Single Mode Optical Fiber Product Market Performance
  - 10.9.4 Fujikura Ltd. Business Overview
  - 10.9.5 Fujikura Ltd. Recent Developments
- 10.10 Sterlite Technologies Limited
  - 10.10.1 Sterlite Technologies Limited Basic Information
  - 10.10.2 Sterlite Technologies Limited Underground Single Mode Optical Fiber Product Overview
  - 10.10.3 Sterlite Technologies Limited Underground Single Mode Optical Fiber Product Market Performance
  - 10.10.4 Sterlite Technologies Limited Business Overview
  - 10.10.5 Sterlite Technologies Limited Recent Developments

## **11 UNDERGROUND SINGLE MODE OPTICAL FIBER MARKET FORECAST BY REGION**

- 11.1 Global Underground Single Mode Optical Fiber Market Size Forecast
- 11.2 Global Underground Single Mode Optical Fiber Market Forecast by Region
  - 11.2.1 North America Market Size Forecast by Country
  - 11.2.2 Europe Underground Single Mode Optical Fiber Market Size Forecast by Country
  - 11.2.3 Asia Pacific Underground Single Mode Optical Fiber Market Size Forecast by Region
  - 11.2.4 South America Underground Single Mode Optical Fiber Market Size Forecast by Country
  - 11.2.5 Middle East and Africa Forecasted Sales of Underground Single Mode Optical Fiber by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)**

- 12.1 Global Underground Single Mode Optical Fiber Market Forecast by Type (2026-2035)
  - 12.1.1 Global Forecasted Sales of Underground Single Mode Optical Fiber by Type (2026-2035)

12.1.2 Global Underground Single Mode Optical Fiber Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of Underground Single Mode Optical Fiber by Type (2026-2035)

12.2 Global Underground Single Mode Optical Fiber Market Forecast by Application (2026-2035)

12.2.1 Global Underground Single Mode Optical Fiber Sales (K Units) Forecast by Application

12.2.2 Global Underground Single Mode Optical Fiber Market Size (M USD) Forecast by Application (2026-2035)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Global Underground Single Mode Optical Fiber Market Size by Type (M USD)
- Table 4. Global Underground Single Mode Optical Fiber Market Size by Application
- Table 5. Underground Single Mode Optical Fiber Market Size Comparison by Region (M USD)
- Table 6. Global Underground Single Mode Optical Fiber Sales (K Units) by Manufacturers (2020-2025)
- Table 7. Global Underground Single Mode Optical Fiber Sales Market Share by Manufacturers (2020-2025)
- Table 8. Global Underground Single Mode Optical Fiber Revenue (M USD) by Manufacturers (2020-2025)
- Table 9. Global Underground Single Mode Optical Fiber Revenue Share by Manufacturers (2020-2025)
- Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Underground Single Mode Optical Fiber as of 2025)
- Table 11. Global Market Underground Single Mode Optical Fiber Average Price (USD/Unit) of Key Manufacturers (2020-2025)
- Table 12. Manufacturers? Manufacturing Sites, Areas Served
- Table 13. Manufacturers? Product Type
- Table 14. Global Underground Single Mode Optical Fiber Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15. Mergers & Acquisitions, Expansion Plans
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. Underground Single Mode Optical Fiber Market Challenges
- Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026
- Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027
- Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026
- Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
- Table 26. Global Underground Single Mode Optical Fiber Sales by Type (K Units)

Table 27. Global Underground Single Mode Optical Fiber Market Size by Type (M USD)

Table 28. Global Underground Single Mode Optical Fiber Sales (K Units) by Type (2020-2025)

Table 29. Global Underground Single Mode Optical Fiber Sales Market Share by Type (2020-2025)

Table 30. Global Underground Single Mode Optical Fiber Market Size (M USD) by Type (2020-2025)

Table 31. Global Underground Single Mode Optical Fiber Market Share by Type (2020-2025)

Table 32. Global Underground Single Mode Optical Fiber Price (USD/Unit) by Type (2020-2025)

Table 33. Global Underground Single Mode Optical Fiber Sales (K Units) by Application

Table 34. Global Underground Single Mode Optical Fiber Market Size by Application

Table 35. Global Underground Single Mode Optical Fiber Sales by Application (2020-2025) & (K Units)

Table 36. Global Underground Single Mode Optical Fiber Sales Market Share by Application (2020-2025)

Table 37. Global Underground Single Mode Optical Fiber Market Size by Application (2020-2025) & (M USD)

Table 38. Global Underground Single Mode Optical Fiber Market Share by Application (2020-2025)

Table 39. Global Underground Single Mode Optical Fiber Sales Growth Rate by Application (2020-2025)

Table 40. Global Underground Single Mode Optical Fiber Sales by Region (2020-2025) & (K Units)

Table 41. Global Underground Single Mode Optical Fiber Sales Market Share by Region (2020-2025)

Table 42. Global Underground Single Mode Optical Fiber Market Size by Region (2020-2025) & (M USD)

Table 43. Global Underground Single Mode Optical Fiber Market Size by Region (2020-2025)

Table 44. North America Underground Single Mode Optical Fiber Sales by Country (2020-2025) & (K Units)

Table 45. North America Underground Single Mode Optical Fiber Market Size by Country (2020-2025) & (M USD)

Table 46. Europe Underground Single Mode Optical Fiber Sales by Country (2020-2025) & (K Units)

Table 47. Europe Underground Single Mode Optical Fiber Market Size by Country (2020-2025) & (M USD)

- Table 48. Asia Pacific Underground Single Mode Optical Fiber Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific Underground Single Mode Optical Fiber Market Size by Region (2020-2025) & (M USD)
- Table 50. South America Underground Single Mode Optical Fiber Sales by Country (2020-2025) & (K Units)
- Table 51. South America Underground Single Mode Optical Fiber Market Size by Country (2020-2025) & (M USD)
- Table 52. Middle East and Africa Underground Single Mode Optical Fiber Sales by Region (2020-2025) & (K Units)
- Table 53. Middle East and Africa Underground Single Mode Optical Fiber Market Size by Region (2020-2025) & (M USD)
- Table 54. Global Underground Single Mode Optical Fiber Production (K Units) by Region(2020-2025)
- Table 55. Global Underground Single Mode Optical Fiber Revenue (US\$ Million) by Region (2020-2025)
- Table 56. Global Underground Single Mode Optical Fiber Revenue Market Share by Region (2020-2025)
- Table 57. Global Underground Single Mode Optical Fiber Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 58. North America Underground Single Mode Optical Fiber Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 59. Europe Underground Single Mode Optical Fiber Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 60. Japan Underground Single Mode Optical Fiber Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 61. China Underground Single Mode Optical Fiber Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 62. Corning Incorporated Basic Information
- Table 63. Corning Incorporated Underground Single Mode Optical Fiber Product Overview
- Table 64. Corning Incorporated Underground Single Mode Optical Fiber Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 65. Corning Incorporated Business Overview
- Table 66. Corning Incorporated SWOT Analysis
- Table 67. Corning Incorporated Recent Developments
- Table 68. Prysmian Group Basic Information
- Table 69. Prysmian Group Underground Single Mode Optical Fiber Product Overview
- Table 70. Prysmian Group Underground Single Mode Optical Fiber Sales (K Units),

Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. Prysmian Group Business Overview

Table 72. Prysmian Group SWOT Analysis

Table 73. Prysmian Group Recent Developments

Table 74. Sumitomo Electric Industries Basic Information

Table 75. Sumitomo Electric Industries Underground Single Mode Optical Fiber Product Overview

Table 76. Sumitomo Electric Industries Underground Single Mode Optical Fiber Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Sumitomo Electric Industries Business Overview

Table 78. Sumitomo Electric Industries SWOT Analysis

Table 79. Sumitomo Electric Industries Recent Developments

Table 80. CommScope Holding Company inc. Basic Information

Table 81. CommScope Holding Company inc. Underground Single Mode Optical Fiber Product Overview

Table 82. CommScope Holding Company inc. Underground Single Mode Optical Fiber Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. CommScope Holding Company inc. Business Overview

Table 84. CommScope Holding Company inc. Recent Developments

Table 85. Nexans SA Basic Information

Table 86. Nexans SA Underground Single Mode Optical Fiber Product Overview

Table 87. Nexans SA Underground Single Mode Optical Fiber Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 88. Nexans SA Business Overview

Table 89. Nexans SA Recent Developments

Table 90. Optical Fiber Solutions Basic Information

Table 91. Optical Fiber Solutions Underground Single Mode Optical Fiber Product Overview

Table 92. Optical Fiber Solutions Underground Single Mode Optical Fiber Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 93. Optical Fiber Solutions Business Overview

Table 94. Optical Fiber Solutions Recent Developments

Table 95. Finolex Cables Ltd. Basic Information

Table 96. Finolex Cables Ltd. Underground Single Mode Optical Fiber Product Overview

Table 97. Finolex Cables Ltd. Underground Single Mode Optical Fiber Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 98. Finolex Cables Ltd. Business Overview

Table 99. Finolex Cables Ltd. Recent Developments

- Table 100. Bjanyaadeep Cables Private Limited Basic Information
- Table 101. Bjanyaadeep Cables Private Limited Underground Single Mode Optical Fiber Product Overview
- Table 102. Bjanyaadeep Cables Private Limited Underground Single Mode Optical Fiber Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 103. Bjanyaadeep Cables Private Limited Business Overview
- Table 104. Bjanyaadeep Cables Private Limited Recent Developments
- Table 105. Fujikura Ltd. Basic Information
- Table 106. Fujikura Ltd. Underground Single Mode Optical Fiber Product Overview
- Table 107. Fujikura Ltd. Underground Single Mode Optical Fiber Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 108. Fujikura Ltd. Business Overview
- Table 109. Fujikura Ltd. Recent Developments
- Table 110. Sterlite Technologies Limited Basic Information
- Table 111. Sterlite Technologies Limited Underground Single Mode Optical Fiber Product Overview
- Table 112. Sterlite Technologies Limited Underground Single Mode Optical Fiber Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 113. Sterlite Technologies Limited Business Overview
- Table 114. Sterlite Technologies Limited Recent Developments
- Table 115. Global Underground Single Mode Optical Fiber Sales Forecast by Region (2026-2035) & (K Units)
- Table 116. Global Underground Single Mode Optical Fiber Market Size Forecast by Region (2026-2035) & (M USD)
- Table 117. North America Underground Single Mode Optical Fiber Sales Forecast by Country (2026-2035) & (K Units)
- Table 118. North America Underground Single Mode Optical Fiber Market Size Forecast by Country (2026-2035) & (M USD)
- Table 119. Europe Underground Single Mode Optical Fiber Sales Forecast by Country (2026-2035) & (K Units)
- Table 120. Europe Underground Single Mode Optical Fiber Market Size Forecast by Country (2026-2035) & (M USD)
- Table 121. Asia Pacific Underground Single Mode Optical Fiber Sales Forecast by Region (2026-2035) & (K Units)
- Table 122. Asia Pacific Underground Single Mode Optical Fiber Market Size Forecast by Region (2026-2035) & (M USD)
- Table 123. South America Underground Single Mode Optical Fiber Sales Forecast by Country (2026-2035) & (K Units)
- Table 124. South America Underground Single Mode Optical Fiber Market Size

Forecast by Country (2026-2035) & (M USD)

Table 125. Middle East and Africa Underground Single Mode Optical Fiber Sales

Forecast by Country (2026-2035) & (Units)

Table 126. Middle East and Africa Underground Single Mode Optical Fiber Market Size

Forecast by Country (2026-2035) & (M USD)

Table 127. Global Underground Single Mode Optical Fiber Sales Forecast by Type (2026-2035) & (K Units)

Table 128. Global Underground Single Mode Optical Fiber Market Size Forecast by Type (2026-2035) & (M USD)

Table 129. Global Underground Single Mode Optical Fiber Price Forecast by Type (2026-2035) & (USD/Unit)

Table 130. Global Underground Single Mode Optical Fiber Sales (K Units) Forecast by Application (2026-2035)

Table 131. Global Underground Single Mode Optical Fiber Market Size Forecast by Application (2026-2035) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Underground Single Mode Optical Fiber
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Underground Single Mode Optical Fiber Market Size (M USD), 2025-2035
- Figure 5. Global Underground Single Mode Optical Fiber Market Size (M USD) (2020-2035)
- Figure 6. Global Underground Single Mode Optical Fiber Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Underground Single Mode Optical Fiber Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Underground Single Mode Optical Fiber Product Life Cycle
- Figure 13. Underground Single Mode Optical Fiber Sales Share by Manufacturers in 2025
- Figure 14. Global Underground Single Mode Optical Fiber Revenue Share by Manufacturers in 2025
- Figure 15. Underground Single Mode Optical Fiber Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Underground Single Mode Optical Fiber Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Underground Single Mode Optical Fiber Revenue in 2025
- Figure 18. Industry Chain Map of Underground Single Mode Optical Fiber
- Figure 19. Global Underground Single Mode Optical Fiber Market PEST Analysis
- Figure 20. Global Underground Single Mode Optical Fiber Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Underground Single Mode Optical Fiber Market Share by Type
- Figure 27. Sales Market Share of Underground Single Mode Optical Fiber by Type

(2020-2025)

Figure 28. Sales Market Share of Underground Single Mode Optical Fiber by Type in 2025

Figure 29. Market Share of Underground Single Mode Optical Fiber by Type (2020-2025)

Figure 30. Market Share of Underground Single Mode Optical Fiber by Type in 2025

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Underground Single Mode Optical Fiber Market Share by Application

Figure 33. Global Underground Single Mode Optical Fiber Sales Market Share by Application (2020-2025)

Figure 34. Global Underground Single Mode Optical Fiber Sales Market Share by Application in 2025

Figure 35. Global Underground Single Mode Optical Fiber Market Share by Application (2020-2025)

Figure 36. Global Underground Single Mode Optical Fiber Market Share by Application in 2025

Figure 37. Global Underground Single Mode Optical Fiber Sales Growth Rate by Application (2020-2025)

Figure 38. Global Underground Single Mode Optical Fiber Sales Market Share by Region (2020-2025)

Figure 39. Global Underground Single Mode Optical Fiber Market Size by Region (2020-2025)

Figure 40. North America Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Underground Single Mode Optical Fiber Sales Market Share by Country in 2024

Figure 43. North America Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Underground Single Mode Optical Fiber Market Size by Country in 2024

Figure 45. U.S. Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Underground Single Mode Optical Fiber Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Underground Single Mode Optical Fiber Market Size (M USD) and

Growth Rate (2020-2025)

Figure 49. Mexico Underground Single Mode Optical Fiber Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Underground Single Mode Optical Fiber Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Underground Single Mode Optical Fiber Sales Market Share by Country in 2024

Figure 53. Europe Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Underground Single Mode Optical Fiber Market Size by Country in 2024

Figure 55. Germany Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Underground Single Mode Optical Fiber Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Underground Single Mode Optical Fiber Sales Market Share by Region in 2024

Figure 67. Asia Pacific Underground Single Mode Optical Fiber Market Size by Region in 2024

Figure 68. China Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Underground Single Mode Optical Fiber Sales and Growth Rate (K Units)

Figure 79. South America Underground Single Mode Optical Fiber Sales Market Share by Country in 2024

Figure 80. South America Underground Single Mode Optical Fiber Market Size and Growth Rate (M USD)

Figure 81. South America Underground Single Mode Optical Fiber Market Size by Country in 2024

Figure 82. Brazil Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Underground Single Mode Optical Fiber Market Size and Growth

Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Underground Single Mode Optical Fiber Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Underground Single Mode Optical Fiber Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Underground Single Mode Optical Fiber Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Underground Single Mode Optical Fiber Market Size by Region in 2024

Figure 92. Saudi Arabia Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Underground Single Mode Optical Fiber Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Underground Single Mode Optical Fiber Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Underground Single Mode Optical Fiber Production Market Share by Region (2020-2025)

Figure 103. North America Underground Single Mode Optical Fiber Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Underground Single Mode Optical Fiber Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Underground Single Mode Optical Fiber Production (K Units) Growth Rate (2020-2025)

Figure 106. China Underground Single Mode Optical Fiber Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Underground Single Mode Optical Fiber Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Underground Single Mode Optical Fiber Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Underground Single Mode Optical Fiber Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Underground Single Mode Optical Fiber Market Share Forecast by Type (2026-2035)

Figure 111. Global Underground Single Mode Optical Fiber Sales Forecast by Application (2026-2035)

Figure 112. Global Underground Single Mode Optical Fiber Market Share Forecast by Application (2026-2035)

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