

What industry do cables and optical fibers belong to



Overview

Based on end use industry, the fiber optic cable market is segmented into telecommunication, power utilities, defense/military, industrial, medical & healthcare, and others. 5 billion by 2030, driven by data centers, 5G, and IoT. Data centers accounted for 35% of fiber demand in 2023, and their load is being pulled higher. The adoption of optical fiber sensors across diverse industries and applications is driven by technological advancements, growing demand for real-time monitoring, detection, and control, and the need for innovative solutions to address complex sensing challenges. Supply dynamics are also changing as Chinese exports dominance. In 2023, fiber reached 4. The market is expected to grow from USD 15. 5% during the forecast period according to the latest report published by Global Market Insights. The global optical fibers market was valued at USD 10.



Article Content

Sep 19, 2025

Fiber Optic Cable Market Size

Beyond telecommunications, a diverse array of sectors is driving demand in the fiber optic cable industry. Utilities,

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Optical Fiber: The Future of Industrial Communications?

Fiber optics is a promising technology for the future of industrial automation. In this article,

Jan 12, 2026

Wires and Cables Market Size, Segmentation & Forecast 2031

Wire and Cable Market size was USD 245.44 billion in 2026 and is projected to reach USD 315.78 billion by 2031,

May 28, 2026

Fiber Optics Companies

Fiber Optics industry insights on factors that are driving the growth of the Fiber Optics Market and key players along with their go to

Oct 30, 2025

Fiber Optic Cable Industry Statistics | Verified 2026 Data

Our in-depth market data report on Fiber Optic Cable Industry. Explore verified statistics and the latest research.

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Optical Fiber Market Size, Competitors & Forecast to 2032

The Optical Fiber Market, valued at USD 9.51B in 2026, is projected to reach USD 13.52B by 2032, growing at a 5.9% CAGR.

Jun 20, 2026

Fiber Optics Market Size, Share & Forecast Report, 2024 – 2032

Fiber Optics Market Size Fiber Optics Market was valued at USD 8.1 billion in 2023 and is anticipated to grow at a CAGR of over 5%

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10 Best Fiber Optic Manufacturers for 2026

Discover the best fiber optic manufacturers globally, offering cutting-edge multimode and single mode fiber solutions.

Oct 04, 2025

Fiber Optical Cable Market Size, Forecast Report to 2035

Fiber Optical Cable Market Overview • Fiber Optical Cable market size has reached to \$84.15 billion in 2025 • Expected to grow to

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Fiber Optics Market Size & Share Report, 2026-2033

The fiber optics market is moderately concentrated, with established cable manufacturers, telecom infrastructure providers, and

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Fiber Optic Cable Market Size, Share | Analysis 2035

As per Market Research Future analysis, the Fiber Optic Cable Market Size was estimated at 16.22 USD Billion in

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What Is Fiber Optics? Definition from SearchNetworking

What is fiber optics? Fiber optics, or optical fiber, refers to the technology that transmits information as light pulses

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Optical Fiber | Optical Fiber Products | Corning

Optical fiber broadband brings together a culture of innovation, quality, and manufacturing excellence to

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The FOA Reference For Fiber Optics

Fiber Optic Cable Cable Types: (L>R): Zipcord, Distribution, Loose Tube, Breakout Cable provides

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What Is Fiber Optics? A Guide

Fiber optics technology uses light pulses to transmit data, resulting in quicker, more reliable data transfers between

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Fiber Optic Cable Industry Statistics | Fact-Checked 2026

Telecom demand still dominates fiber optic cable usage at 45% of global demand in 2022,

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Optical fibre and cable: Top ten industry shifts in 2025

Discover how AI growth, supply and demand shifts, and more are influencing the optical fibre and cable industry with CRU Group.

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10 Uses of Fiber Optic Cables

In this article, we highlight 10 uses of fiber optic cables and the growing demand for these cables. Cables Unlimited can provide

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Top 20 Companies in Global Fiber Optic Cable Market Size

The global fiber optic cable market refers to the industry segment focused on the manufacturing and deployment of high-capacity

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Fiber Optics Market Size, Share & Forecast Report, 2024 – 2032

STL (Sterlite Technologies Limited) is a leading global provider of solutions and products for the telecommunications industry,

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Top 10 Companies in the Optical Fibers Industry (2025): Market

Here we profile the Top 10 Optical Fiber Companies – innovators shaping the future of telecommunications, data

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Fiber Optics Market Size Report 2024-2029 [234 Pages & 191 Tables]

FIBER OPTICS MARKET OVERVIEW The fiber optics industry is projected to reach USD 6.8 billion by 2029 from USD 3.18 billion in

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Optical fibre and cable: Top ten industry shifts in 2025

The optical fibre and cable market is shifting in several directions at once. In 2025, AI-driven data centre investment rapidly emerged

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The surprising way that fiber optics connects us

How are fiber-optic cables stretched across continents? For each fiber-optic cable connection that links continents,

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Optical Fiber Industry Statistics 2026

Our in-depth market data report on Optical Fiber Industry. Explore verified statistics and the latest research.

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Fiber Optic Cable Market Size, Forecasts Report 2026-2035

Based on end use industry, the fiber optic cable market is segmented into telecommunication, power utilities, defense/military,

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Fiber Optic Cable Market Size

The Fiber Optic Cable Market worth USD 14.22 billion in 2026 is growing at a CAGR of 9.84% to reach USD 22.74

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Fiber Optic Cable Market Size, Forecasts Report 2026

The fiber optic cable market was estimated at USD 14.6 billion in 2025 and is expected to grow at a CAGR

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10 Real-World Uses of Fiber Optic Cables Across Key

Learn the top uses & applications of fiber optic cables across industries like healthcare, telecom & finance.

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A Comprehensive Guide to the Fascinating World of Fiber Optic ...

With the advancement of technology, fiber optic cables have become an essential part of our lives. From powering high speed

Aug 18, 2025

Optical Fiber Market Size, Share, Trends & Growth

Optical Fiber Market (2023 - 2032) by Mode (Single mode, Multi mode), by Type (Glass optical fiber, Plastic optical fiber), by Industry

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What Is Optical Fiber Technology, and How Does It Work?

While many of us have heard the term “fiber optics” or “optical fiber” technology to describe a type of cable

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Fiber Optics Market | Global Market Analysis Report

Fiber Optics Market was worth USD 9.7 billion in 2025, and is predicted to grow to USD 24.1 billion by 2035, with a

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As telecom demands grow, optical fibers will need to

As telecom demands grow, optical fibers will need to level up Scientists explore how to revamp the hair

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Fiber-optic communication

Modern fiber-optic communication systems generally include optical transmitters that convert electrical signals into optical signals,

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town,
7441, South Africa

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