

## Japan s optical cable production capacity



### Overview

In 2024, Japan produced 84,000 tons of optical fiber, bundles, and cables. Domestic output gave the country a trade surplus by value. Furukawa Electric Group company Lightera has started mass production of 13824 count optical fiber cable for hyperscale data centers featuring one of the world's highest fiber densities. Also, within the Mie Works (Kameyama City, Mie Prefecture) of Furukawa Electric, the No. 2 plant has been. Tokyo — March 12, 2026 - Furukawa Electric and Lightera announced the opening of a new optical cable manufacturing plant in Mie, Japan, in February along with the start of full-scale production of ultra-high-fiber-count optical cables, including cable designs with up to 13824 fibers, to support. Resolved to invest up to 300 billion yen to increase production capacity of optical fiber and optical cables up to threefold. No changes to earnings guidance for the fiscal year ending March 2026. 8 billion—hardly a wild leap, with CAGRs of just +1.



## Article Content

Japan cable maker Fujikura to invest in US for AI data

TOKYO -- Japanese optical fiber maker Fujikura will invest up to 300 billion yen (\$1.88 billion) in Japan and the U.S., tripling production capacity of optical fiber

Japan Fiber Optic Cables Market Size, Growth & Forecast 2032

The Japan Fiber Optic Cables Market is projected to grow from USD 567.03 million in 2023 to USD 1,252.02 million by 2032, reflecting a compound annual growth rate (CAGR) of 9.20%.

Development and Demonstration of World-leading Technologies that ...

We developed submarine optical cables using multicore fibers, compact multicore fiber optical amplifiers, and submarine optical cable performance assessment technology to establish the fundamental

Japan's Optical Fiber Cable Market Set for Growth to 62K Tons and

Japan's optical fiber cable market is forecast to grow to 62K tons and \$2.2B by 2035, driven by rising domestic demand. Analysis covers 2024 consumption, production, and trade trends.

Fujikura to triple optical fiber production as part of \$2bn investment ...

Following a board meeting last week, Fujikura said it has "resolved to adopt a policy to proceed with capital investment aimed at expanding production capacity for the optical fiber and

Japan Fiber Optic Cables Market (2025-2031) | Companies & Size

The Japan Fiber Optic Cables Market faces several challenges, including intense competition from established players in the market, technological advancements leading to frequent product upgrades,

13,824-Core Fiber Optic Cable: Furukawa Electric Begins Mass

Now, a Japanese company has managed to pack 13,824 of these fibers into a single cable and begun mass production. In the age of AI, where data centers are starving for bandwidth,

Fujikura to triple fiber capacity with ¥300bn AI push

This plant was first announced in August 2025, will focus on next-generation optical fiber and cable production and is expected to support the broader capacity increase. The move reflects a

Japan Fiber Optic Cable Market 2024-2030 | by Jay K

The Japan fiber optic cable market was valued at approximately USD 2.5 billion in 2023 and is projected to grow at a compound annual growth rate (CAGR) of around 7% from 2024 to 2030.

Japan Optical Fiber Market: 93K Tons, \$5.8B Forecast for 2035

Optical fiber cables made up 907 tons, or 94% of import volume, and \$101 million, or 73% of import value. Fibers and bundles fetch much higher unit prices than cables, since they're used in

Notice on Investment Policy to Expand Production Capacity of Optical ...

Resolved to invest up to 300 billion yen to increase production capacity of optical fiber and optical cables up to threefold. No changes to earnings guidance for the fiscal year ending March

Japan Fiber Optic Cable Market 2024-2030

In Japan Fiber Optic Cable Market, In Japan Fiber optic cable market Businesses require 5G and optical fiber cable to remain competitive in the face of expanding online transactions and

Japan's Optical Fibers, Bundles and Cables Market Report 2026

The Japanese market for optical fibers, bundles, and cables represents a sophisticated and technologically advanced segment within the global telecommunications and data infrastructure

Japan's NTT and NEC reckon they can 12x optical networks

Japanese tech titans NTT and NEC reckon they've proven the performance of a novel fiber optic technology that could increase capacity of submarine cables by a factor of 12. The two will

Japan's Optical Fiber Market to Grow at +3.0% CAGR Over Next

Discover the latest trends in the optical fiber market in Japan, as demand for bundle and cable continues to rise. Forecasted to see a +3.0% increase in market volume and value from 2024 to 2035, reaching

Revolutionizing Connectivity: How Japanese Manufacturing Leads the ...

This article delves into how Japanese manufacturing leads the world in optical fiber innovation, with a focus on procurement and purchasing strategies, advantages and disadvantages,

Japan Fiber Optic Components Market Industry Growth | 2035

Regarding mergers and acquisitions, in October 2022, Corning Incorporated announced its acquisition of a fiber optic cable production facility in Japan, bolstering its manufacturing

Start of mass production of 13824 count optical fiber cable featuring ...

It is now possible to mass produce the lineup of ultra-high count optical fiber cable, including 13824 count cable, and production capacity has more than doubled compared to FY2023.

Fujikura to Invest ¥300 Billion in Optical Fiber Expansion in Japan and ...

The investment will be deployed across both Japan and the United States, with plans to scale production capacity up to three times current levels, in response to growing demand for high

Fujikura to Build New Optical Fiber Plant and Launch U.S ...

Fujikura will invest about ¥40 billion in a new Sakura Works plant to expand optical fiber cable production for growing generative AI data center demand. The company is creating a wholly

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