

New production capacity for fiber optic cables



Overview

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. 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. 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. Fiber optic vendors are employing a mix of manufacturing expansion, technological innovation in high-density and next-generation fibers, and strategic supply chain alignment to meet the anticipated surge in demand from AI and data centers in 2026. The demand is so high that at least one major fiber. The Fiber Optic Cable Production Market Report covers the \$3. 5 billion by 2030, driven by data centers, 5G, and IoT. While APAC leads with a 58% share in. Fujikura Ltd.

Article Content

2025 Fiber Optic Cable Production Market Report

This report has in-depth analysis on the recent US tariff changes on material costs, quantifying import dependencies, tariff exposure rates, and key source countries for the fiber optic cable production sector.

Company Profile-Carefiber Optical,Best Fiber Optic

In 2016, the company continued to expand its investment in adding new fiber optic cable production lines, self-production, self-sufficiency, and self-inspection, and

Optical networks

An optical transport network is a high-speed communication system that sends light signals over fiber-optic cables to move large amounts of data across long

Furukawa Electric and Lightera Announce New Optical Cable

The investment expands production capacity and strengthens supply capability across Lightera's optical cable operations. The new facility is purpose-built to manufacture high-fiber-count optical cables for

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

Fujikura to Invest ¥300 Billion in Optical Fiber Expansion in Japan and U.S. to Meet AI Data Center Demand Japanese optical communications company Fujikura has announced a total

NVIDIA and Corning Announce Long-Term Partnership To Strengthen

NVIDIA (NASDAQ: NVDA) and Corning Incorporated (NYSE: GLW) today announced a multiyear commercial and technology partnership to dramatically expand U.S.-based manufacturing

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.

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

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.

Nvidia inks US\$500 million deal with fiber-optic maker Corning

Nvidia Corp has bought US\$500 million worth of rights for shares in fiber-optic cable maker Corning Inc as part of a broader partnership between the two companies aimed at expanding

Ukraine's Fiber Optic Boom: Why G657A2 Fiber Prices Are Soaring in

With over 60% of global fiber production concentrated in China, suppliers are operating at full capacity. Some have shifted to 100% upfront payment terms due to scarcity, a trend that

New Fiber Optic Cable Factory in Berrechid to Create 165 Jobs with

With this expansion, annual production capacity rises to 70,000 kilometers of fiber optic cables, positioning the company to meet nearly 60% of domestic demand, currently estimated between

How will fiber and equipment vendors meet the increased demand for ...

Capacity Increase: Vendors like Corning and CommScope are investing in increasing their production capacity for fiber optic cables and the necessary preforms (raw material for fiber).

Fujikura Announces Major Investment in Fiber Optic Production

Fujikura aims to triple its current production capacity of fiber optics and cables, which is being bolstered by the construction of a new factory at their Sakura plant in Chiba Prefecture,

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\$GLW + \$NVDA deal is a massively bullish for the whole AI optics ...

With Nvidia's help, Corning will expand U.S. optical connectivity manufacturing capacity by 10X, boost U.S. fiber production capacity by more than 50%, build three new advanced

Meta inks deal to pay Corning up to \$6 billion for fiber-optic cables ...

Meta will pay Corning up to \$6 billion through 2030 for fiber-optic cable in its AI data centers. In an exclusive interview from a Corning factory in Hickory, North Carolina, CEO Wendell...

Fujikura to triple fiber capacity with ¥300bn AI push

A key part of the plan is a new manufacturing facility under construction at Fujikura's Sakura site in Chiba Prefecture. This plant was first announced in August 2025, will focus on next

AI data centers require 36 times more fiber than designs with standard ...

Nvidia invests \$300 million in Corning to build three new US-based optical fiber plants — AI infrastructure deal would boost fiber production capacity by over 50%

NVIDIA and Corning Announce Long-Term Partnership to Strengthen

Corning will increase its U.S.-based optical connectivity manufacturing capacity by 10x and expand its U.S. fiber production capacity by more than 50% to meet the accelerating demand

Optical Fiber | Optical Fiber Products | Corning

Optical fiber broadband brings together a culture of innovation, quality, and manufacturing excellence to create life-changing products.

Fiber-optic cable

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but containing one or more optical fibers that are used to

in the Current Fiber Broadband Supply Chain UPDATE

With customers demanding faster and more reliable connections for their increased needs when working and schooling from home, and the US government continuing to pour funds into the construction of

Coleman opens massive new fibre optic factory in Nigeria

The Federal Government has inaugurated Coleman Industries Ltd's new fibre optic cable manufacturing factory in Sagamu, Ogun State, with an

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Cables, Adapters, Fiber, Network Add-ons & Tools This 20m Multimode Duplex OM4 Fiber Optic Patch Cable (50/125) - LC to LC has ceramic ferrules and a 50/125 micron core, this cable is suitable for

Fiber Optic Cable Market Size, Share, and Trends Analysis 2033

The global Fiber Optic Cable market size was estimated at USD 13.90 Billion in 2025 and is estimated to grow at a CAGR of 10.2% from 2026 to 2033.

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