



**Adam Tas Corridor Energy**

# **Global fiber optic cable production capacity shortage**





## Overview

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A global shortage of fiber optic cable is intensifying as demand from AI data center construction outstrips a supply constrained by years of reduced production capacity. If you have sourced optical fiber g657 cables in the past month, you have likely encountered extended lead times, skyrocketing quotes, and the dreaded words: "out of stock. It is driven by a combination of factors, but broadly speaking, it includes continuing fibre broadband rollouts, the expansion of 5G, and the building of more data centres needed to store and distribute the massive amounts of data. What started as tightening of capacity has evolved into a sustained global shortage, without a doubt the worst I have seen. This imbalance, catalyzed by massive procurement deals like Meta's up to \$6 billion agreement with Corning, is causing product.



## Global fiber optic cable production capacity shortage

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### Here's how big the fiber shortage really is

Fiber cables and glass are in short supply. FBA and Superior Essex spoke with Fierce about how the constraints could impact BEAD and data center

### Fiber-optic cable shortage threatening global digital

Fiber-optic cable shortage threatening global digital connectivity Mark Ashenden Content is automatically generated by Microsoft Azure Translator Text



### Global fiber Optic cable market analysis research report

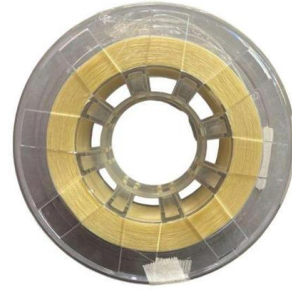
The global fiber optic cable market exhibited a steady growth trend between 2020 and 2025. It is projected to reach US\$8.22 billion in 2024 and

### Fiber Optic Cable Market Size, Share & Trends Report,

The global fiber optic cable market was valued at USD 13 billion in 2024 and is estimated to grow



at a CAGR of 10.4% to USD 34.5 billion in 2034.



## Meta's \$6B Deal Exposes Global Fiber Optic Squeeze

A global shortage of fiber optic cable is intensifying as demand from AI data center construction outstrips a supply constrained by years of reduced production capacity.

## The Fibre Shortage and Why Capacity Planning Can't Wait.

Understand the drivers behind the current global fibre shortage. From raw material scarcity to skyrocketing demand, learn how it impacts pricing and project timelines.



## Keeping fiber shortages in check

Last summer, reports were suggesting that fiber providers were struggling to get hold of the materials necessary to run their networks. A report



## 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



## U.S. Fiber Optic Shortage Threatens National Security and Broadband

Right now, it produces only about 53% of the optical fiber it uses. With tariffs driving up the cost of imported fiber optic cables, supply chains are getting squeezed. That's a problem,

## Understanding the Global Fiber Optic Supply Squeeze

Following a period of low prices from 2019, there was little global investment in expanding preform capacity for standard fibers. As a result, today's production



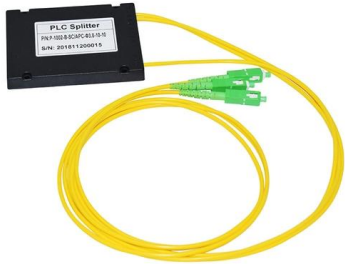
## 'Perfect storm' in fiber supply threatens US broadband

'Perfect storm' in fiber supply threatens US broadband targets A shortage of fiber-optic cable equipment is blamed on AI data center demands as



### in the Current Fiber Broadband Supply Chain UPDATE

Unfortunately, the COVID-19 pandemic created a perfect storm of challenges for the companies working to make fiber broadband the standard in more markets. While the U.S. had a 10% excess cable



### Zayo Report Warns of Imminent Bandwidth Shortage as

Without accelerated fiber deployment, the industry could face a severe bandwidth shortage by the end of the decade. Zayo's third-party research

### Global shortage of fibre optic cable threatens digital growth

A worldwide shortage of fibre optic cable has driven up prices and lengthened lead times, endangering companies' ambitious plans to roll out state of the art telecommunications infrastructure.



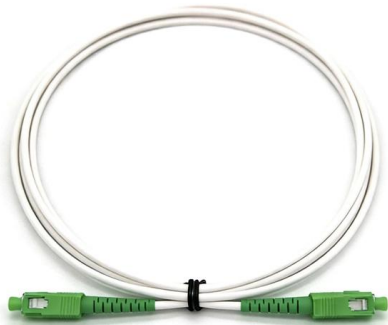
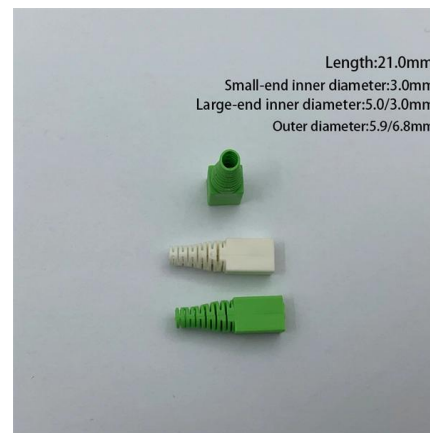


## Fiber Optics Market Size & Share , Industry Report, 2033

Fiber Optics Market Summary The global fiber optics market size was estimated at USD 10.76 billion in 2025 and is projected to reach USD 17.95 billion by 2033,

### Worldwide fiber-optic cable shortage looms over 5G,

As reported by Anna Gross for Financial Times (FT ), the market intelligence firm Cru Group has now revealed that a worldwide shortage of fiber

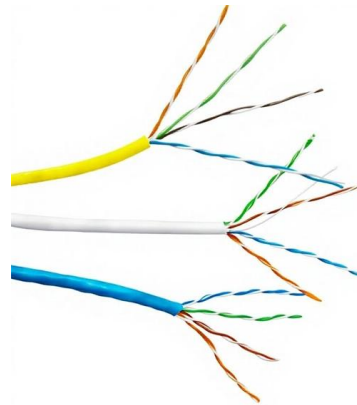


### Global fiber optic cable shortage and its impact on companies

It have been hearing about the global chip shortage and its impact on different industries for years. The effects of the shortage are being felt by everyone from automakers to electronics

### Why We All Must Tackle Tightening of Global Fibre Optic Supply In 2026

Emtelle has proactively addressed supply constraints by securing a strategic agreement to produce its fibre optic core in Indonesia, strengthening Emtelle's global manufacturing capacity

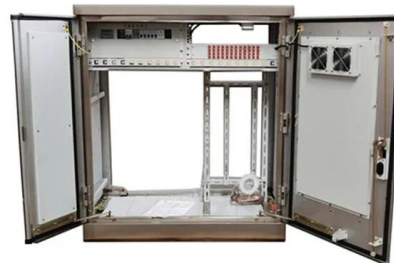


### **The U.S. Can't Make Enough Fiber Optic Cable--And**

Fiber optic cables aren't just powering your streaming and gaming--they're the invisible infrastructure underpinning global connectivity.

### **There's a global shortage of fiber optic cable**

An acute global shortage of fiber optic cabling is set to create significant bottlenecks according to analysis from market intelligence firm Cru



### **Global shortage of fiber-optic cable threatens digital growth**

A worldwide shortage of fiber-optic cable has driven up prices and lengthened lead times, endangering companies' ambitious plans to roll out state-of-the-art telecommunications infrastructure



## Shortage of fiber optic cables could spell disaster for

An acute shortage of fiber optic cabling is set to create significant bottlenecks across critical communications infrastructure projects worldwide.



## 2026 Fiber Optic Market Crisis: G657A2 Supply

The global fiber optic market has entered a historic upcycle. The convergence of AI data center build-outs and a structural supply bottleneck has

## Worldwide fiber-optic cable shortage looms over 5G,

Governments around the world have set ambitious targets for the rollout of superfast broadband and 5G infrastructure, both of which of course



## Fiber shortage deepens as orders for Chinese vendors extend to 2027

The global optical fiber market is shifting from a traditional telecom cycle into a new phase of structural shortage, driven by rapid AI infrastructure expansion and dense cloud data center



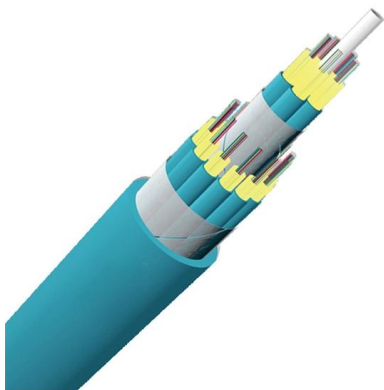
### **Sky-High Prices Contribute to Rising Fiber Optic Cable Costs**

However, due to global supply constraints and demand increases, fiber optic cable prices have increased significantly since 2021. These price increases threaten the viability of broadband



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