

## Severe oversupply of optical fiber cables



### Overview

As networks and data centres have expanded rapidly across the Globe, fibre demand has far exceeded supply, resulting in tighter inventories, longer delivery times, and higher prices. That is why it is vital that manufacturers build strong strategic partnerships in both directions. From a splicer's standpoint, ribbon cable is "much more user friendly and much more organized" because multiple fibers are bonded together. Estimated lead times for ribbon fiber are in the "60-plus weeks. Due to its greater bandwidth and reliability - compared to the likes of DSL and copper cabling - fibre optic technology is the preferred connectivity option for many. It was reported that FTTH/B dominated the global fixed broadband subscriptions with a share of 66.7% The pressure being placed on. A shortage of fiber-optic cable equipment is blamed on AI data center demands as well as US protectionism. 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. According to Cru's analysis, prices for fiber have now reached their highest level since July 2019. com), the market intelligence firm Cru Group has now revealed that a worldwide shortage of. Right now, it produces only about 53% of the optical fiber it uses.

## Article Content

Warning signs flash that "fiber bubble" could pop, analyst says

Warning signs flash that "fiber bubble" could pop, analyst says Fiber overbuilds continue at relatively high rates, but rising labor and equipment costs and higher cost of capital point to ...

Insights and Strategies for 2025 and Beyond

Broadband Deployment & Supply Chain Terms Fiber to the Home (FTTH) – The deployment of fiber-optic cables directly to residences, offering high-speed, low-latency internet service . Fiber to the "X"

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

With tariffs driving up the cost of imported fiber optic cables, supply chains are getting squeezed. That's a problem, considering fiber optics are the backbone of modern communications,

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 carry

Digital expansion halted by global fibre shortage

Europe, India and China are three of the regions heavily impacted by the shortage of fibre-optic cables, which is expected to delay several state-of-the-art telecommunications infrastructure projects.

in the Current Fiber Broadband Supply Chain

STEP Component Manufacturers: These companies manufacture, assemble and test the finished components necessary for a fiber broadband deployment. These components include fiber

Is fiber-optic construction creating overkill?

The oversupply of fiber-optic cable largely is limited to long-distance networks, which were built first. Carriers are still constructing networks within cities, where there is demand.

Supply chain obstacles in the fibre industry | Prysmian

As demand grows, so does the competition. Fiber optic manufacturers are competing for a limited supply of glass, cladding, connectors and a range of plastics. Without

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

As networks and data centres have expanded rapidly across the Globe, fibre demand has far exceeded supply, resulting in tighter inventories, longer delivery times, and higher prices. That is

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