

Fiber optic cable used by China Telecom



Overview

According to CNII news, China Telecom has successfully trialed and achieved a maximum transmission capacity of 64Tbps per fiber pair over a distance of more than 1,200 kilometers, using the existing in-service G. 652 optical fiber cable, and extended C+L technology. Unlike traditional centralized tenders, this project: The procurement focuses. This guide ranks China's top 10 fiber optic cable manufacturers for 2025, based on market share, production capacity, innovation, and global reach. The list prioritizes companies with strong export performance (to 100+ countries) and compliance with international standards like ITU-T G. 652 and IEC. Fiber now underpins nearly all fixed broadband in China - With 99% of lines on fiber, operators and policymakers rely on it as the backbone for gigabit services, smart cities and national digitalization efforts. The country is served by an extensive system of automatic telephone exchanges connected by modern networks of fiber-optic cable. According to news from the official website of China Telecom, the company's procurement project for trunk fiber optic cable lines and supporting equipment for the 2024-2025 period has been approved. As the backbone of modern telecommunications, these cables enable high-speed internet, seamless connectivity, and efficient data transfer across vast.

Article Content

China Completes First All-G.654E Terrestrial Trunk Optical Cable

China Telecom's construction of the cable will promote the development of the G.654E industrial chain and contribute to the construction of a green and low-carbon full optical fiber cable ...

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China Top 10 Fiber Optic Cable Manufacturers in 2025

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China is quietly pushing ahead with massive 50,000Mbps broadband ...

China is advancing its broadband infrastructure with its rollout of 50G-PON, a next-generation fiber technology capable of delivering speeds of up to 50Gbps (50,000 Mbps) downstream.

China Telecom Launches Centralized Procurement for Trunk Fiber Optic ...

The announcement indicates that the project involves the procurement of optical cables, fiber optic splice closures, and silicon core pipes required for various primary trunk fiber optic cable line projects ...

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