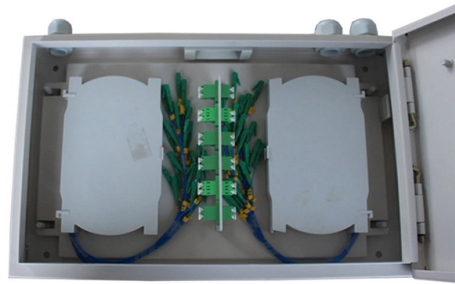


China Unicom Broadband Fiber Optic Cable Coverage



Article Overview

China Unicom's fiber optic network covers nearly all urban and most rural areas in China, with over 120 million fixed-line broadband subscribers and extensive FTTR deployment.

National Fiber Coverage

China Unicom is a major player in China's broadband market, with its fixed-line broadband subscriber base exceeding 120 million, reflecting steady growth and historical highs in both urban and rural areas (China Unicom 2024 Annual Report) . Fiber has become the backbone of China's fixed broadband, with about 99% of all fixed broadband subscriptions in China now on fiber-optic lines, supporting gigabit services, smart homes, and digitalization initiatives (RCR Wireless) . The Ministry of Industry and Information Technology (MIIT) aims to extend 5G and optical fiber networks at gigabit speeds to all county and township seats, including border and remote areas, by the end of 2025 .

Fiber to the Room (FTTR) Deployment

China Unicom has been a leader in FTTR (Fiber to the Room) deployment, which enhances in-home connectivity and reduces Wi-Fi interference in multi-dwelling units. By mid-2023, over 6 million FTTR ONT units had been purchased, primarily by China Unicom, and the company planned to purchase 15 million additional units in 2024 . FTTR technology uses XG-PON for master units and GPON for subtended units, enab...

Article Content

Nov 01, 2025

China home to 110 cities with gigabit 5G, optical fiber coverage

BEIJING, Dec. 24 -- The number of cities in China with the capability to offer gigabit 5G and optical fiber services reached 110 by the

May 07, 2026

China to extend 5G internet coverage to all border areas by 2025

BEIJING, Jan. 10 -- China plans to extend 5G mobile network and optical fiber network with a speed of 1,000 Mbps to all county and

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Compare Best Internet providers in China. View bundle prices, download speeds to find your ideal home internet and TV package.

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Complete guide to get internet in China: broadband and cellphone providers, costs, packages, type of connections,

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China Unicom — ASN AS4837, Speeds, VPN Detection & Coverage ...

China Unicom (AS4837) is a fiber ISP in China with Over 34 million subscribers. Average speeds: Up to 2 Gbps fiber. Serving

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The Wo+ Broad Band from China Unicom

China Unicom's Wo+ Broad Band is a branded family broadband service that combines fixed fiber access with optional

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Understanding Fiber Networks in China: Growth, Technology, and

China's Fiber Networks: A Comprehensive Guide China's fiber broadband internet approaches nationwide coverage,

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Hengtong Has Successfully Deployed and Begun Operating China

To verify stable operation, two test services were configured and monitored, confirming the fiber's compatibility and

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Fiber Optic Coverage and Internet Usage Statistics in China (2026)

An overview of China's fiber optic coverage and internet usage statistics projected for 2026, reflecting the nation's digital growth.

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Fiber to the Room (FTTR) Progress Update: Chinese Operators

With China Unicom now humming along and adding hundreds of thousands of new FTTR subscribers, China Telecom

Aug 31, 2025

Connectivity

Connectivity Using advanced communication technologies, the Company enhanced the robustness of connectivity, and made

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[How To]: Upgrade Your Internet

China Telecom is the biggest provider of internet services in Shanghai, and they're the ones that built the

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China Proposes \$500 Million Subsea Internet Cable To

A \$500 million undersea fiber-optic internet cable network connecting Asia, the Middle East, and Europe is being

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Fiber to the Room (FTTR) Driving ONT Purchases in China

Historically, though, operators delivered fiber to the floor of a building and then connected each apartment via DSL or

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China plans \$500 million subsea internet cable to rival US-backed ...

Reuters reports that China state-owned telecom firms are developing a \$500 million undersea fiber-optic internet cable

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China Unicom in China: Coverage & Traveller Guide (2026)

Traveller guide to China Unicom in China: real coverage, 4G/5G performance, weak spots and what to do if you lose signal.

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Home Broadband | Fibre to Home

CMHK provides a range of Home Broadband plans including Fibre to the Home, Wi-Fi and Home Phone combo. Get an instant

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YOFC assists China Unicom to complete the first gl

Recently, the first new global carrier "Large Effective Area Fiber" (LEAF) (ITU-T standard code G.654.E) fibre cable

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China fixed broadband services revenue to grow at CAGR of 3.6%

According to GlobalData, the fixed broadband penetration of the population will increase from 35.9% in 2021 to 39% in

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China Unicom 2023 Annual Report

Secondly, the Company continuously promoted the coverage of gigabit optical networks, with over 260 million broadband ports and

Mar 24, 2026

White Paper on China International Optical Cable Interconnection

China's international interactions, requirements on its networks" ability to provide global services, and both opportunities and

Nov 13, 2025

China expands optical fiber network in 2023

BEIJING, Feb. 12 -- China continued to expand its optical fiber network in 2023, according to the Ministry of Industry and Information

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China Unicom Mobile 3G / 4G / 5G coverage

Discover detailed mobile internet coverage maps for all operators. Check 2G, 3G, 4G, 5G, and fiber availability in your area and

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China Unicom - IEEE ComSoc Technology Blog

Among them, fiber optic access (FTTH/O) ports reached 1.21 billion, a net increase of 49.42 million compared to the

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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

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Top 10 Fiber service China Products Compare 2025

Frequently Asked Questions (FAQs) What are fiber service factories in China? Fiber service factories in China are specialized

Dec 28, 2025

Optical Communication Development in China During the Past 30

1. Optical Fiber and Cable Industry Optical fiber technology research in China started in early 70's and a few field trials

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What China's Major Submarine Cable Means for U.S. Network Architects

Reuters says China's state-owned telecom firms are building a \$500 million fiber-optic internet cable network on the

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Operation of China Unicom laying optical cable

Overview China Unicom Group, one of China's major telecommunications operators, has revealed plans for the construction of a

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Advance network innovation and strengthen the construction of new ...

China Unicom accelerates the construction of the Connectivity and Communications network, continuously enhances mobile network

Jun 11, 2026

HENGTONG GROUP CO.,LTD.

This design supports compatibility with current networks while utilizing hollow-core fiber to enhance transmission

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