

# China Unicom Broadband Installs Fiber Optic Cable



## Overview

China Unicom Group, one of China's major telecommunications operators, has revealed plans for the construction of a nearly 3,000-kilometer-long submarine optical fiber cable, which will span from Hong Kong to Sihanoukville in southern Cambodia. Recently, the first new global carrier “Large Effective Area Fiber” (LEAF) (ITU-T standard code G. HK, hereinafter. Hengtong, in collaboration with China Unicom, has successfully deployed and begun operating China Unicom's first commercial hollow-core fiber optic cable line. This hollow-core fiber cable is now serving a dedicated line for a bank branch in Jiangsu, where it has been integrated into the live. State-owned telecom firms in China are developing a \$500 million undersea fiber-optic internet cable network to compete with a similar US-backed project, according to four people involved in the deal.



## Article Content

Jul 09, 2025

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

Plans for competing internets are emerging under the sea between the United States and China, according to a recent Reuters report. Reuters says

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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 reliability under real-world commercial conditions. For this application, Hengtong

Oct 11, 2025

HENGTONG GROUP CO.,LTD.

This design supports compatibility with current networks while utilizing hollow-core fiber to enhance transmission performance—a balance of present utility and future potential.

Aug 20, 2025

Submarine Cable System Market Growth 2026-2033

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Guide to choose the internet service

Then you will need to choose from one of the three major broadband providers: China Telecom, China Unicom and China Mobile. All you need to do is

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

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

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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 facilities that manufacture and provide fiber optic products and services. They

Sep 22, 2025

Exclusive-China plans \$500 million subsea internet cable to ...

Chinese state-owned telecom firms are developing a \$500 million undersea fiber-optic internet cable network that would link Asia, the Middle East and Europe to rival a similar U.S.-backed

Nov 08, 2025

Exclusive: China plans \$500 million subsea internet

SINGAPORE, April 6 (Reuters) - Chinese state-owned telecom firms are developing a \$500 million undersea fiber-optic internet cable network that would link Asia, the

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YOFC assists China Unicom to complete the first global carrier class ...

In 2014, China Unicom took the lead in launching the exploration of new types of optical fibre in the global industry, and promoted and participated in setting the ITU-T G.654E optical cable standard.

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China Unicom to Lay Subsea Fiber Cable Linking Hong

China Unicom Group, one of China's major telecommunications operators, has revealed plans for the construction of a nearly 3,000-kilometer

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China's reported construction of undersea internet cable

Chinese state-owned telecom firms, China Telecom, China Mobile, and China Unicom, are developing a \$500 million undersea fiber-optic internet cable

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China to Connect Europe, Middle East and Asia via \$500 Million

The cable, which will cost \$500 million to complete, will be manufactured and laid by the Chinese cable firm, HMN Technologies. Sources familiar with the development revealed that the firm

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China Unicom's ADC Submarine Cable Into Operation, with 8 Pairs of ...

With the full completion of the Asia Direct Cable (ADC) jointly built by China Unicom, China Unicom has completed the world's first live network verification of single wave 1.2Tbit/s

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China Unicom, Telefonica and Camtel to deploy fiber

The landing station of this 5,900 km-long cable, the first to link Africa to South America, in Fortazela will be constructed by Spanish Telecom group

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China Launches World's First 10G Broadband Network

China has officially leapfrogged global broadband standards by launching the world's first commercial 10G fiber broadband network in Suning

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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.

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Setting Up Internet Services in China

2. China Unicom Strengths: Competitive pricing and good coverage in northern China. Offers both fiber optic and ADSL connections. Weaknesses:

Sep 19, 2025

Submarine communications cable

7 - Petroleum jelly 8 - Optical fibers Submarine cables are laid using special cable layer ships, such as the modern René Descartes , operated by Orange Marine.

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YOFC assists China Unicom to complete the first gl

In 2014, China Unicom took the lead in launching the exploration of new types of optical fibre in the global industry, and promoted and participated in setting the ITU-T G.654E optical cable

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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 network that would link Asia, the Middle East and Europe to rival a

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