Cambodia Fiber Optic Cable Routing



Overview

CFOCN Proposes Underground Fibre Optic Cable Expansions In 9 This latest initiative from CFOCN follows the company's installation of extensive fibre optic.

Key Takeaways

Cambodia's fiber optic network has rapidly expanded, offering nationwide high-speed connectivity with both terrestrial and submarine cable links. Network OverviewCambodia's fiber optic infrastructure has grown significantly over the past five years, with the total fiber network doubling from under 20,000 km in 2020 to over 40,000 km in 2025. This expansion includes both terrestrial and submarine cable systems, with new international links connecting Cambodia to Hong Kong, complementing existing AAG and MCT submarine cables.

The total international bandwidth has increased to nearly 900 Gbps, while cross-border terrestrial bandwidth has tripled to over 1. 7 Tbps.

Key Providers

Telcotech: Operates a 30,000-kilometer fiber network with international POPs in Hong Kong, Malaysia, and Singapore. It is part of the AAG & MCT submarine cable consortiums, providing high redundancy and service availability.

SINE

T: Offers dedicated fiber connections with Gigabit Ethernet ports, ensuring 100% dedicated bandwidth for businesses and residential users. Angkor Data Infrastructure: Licensed by the Telecommunication Regulator of Cambodia (TRC), provides nationwide fiber services including planning, implementation, leasing, and maintenance.

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City

Link: Provides high-speed fiber internet up to 1 Gbps with 99. 9% uptime, catering to both corporate and home users. International ConnectivityCambodia's fiber network is connected internationally through submarine cables such as AAG, MCT, and upcoming links to Hong Kong.

These connections are integrated with Tier-1 providers, ensuring redundancy and high service availability for international data traffic.

Applications and Benefits

The expanded fiber network supports high-speed internet for businesses, cloud services, data centers, and digital government initiatives. Dedicated fiber services provide stable, low-latency connections suitable for large data transfers, video streaming, and enterprise operations.

Future Outlook

With ongoing investments and new submarine cable projects, Cambodia's fiber optic infrastructure is expected to continue growing, enhancing both domestic and international connectivity, and supporting the country's digital economy and smart city initiatives.

Article Content

CFOCN Proposes Underground Fibre Optic Cable Expansions In 9

This latest initiative from CFOCN follows the company''s installation of extensive fibre optic cable networks in urban centres and highly populated provinces in previous years, executed in

Cambodia: Fiber Optic Communication Network Project

Most of the fiber optic cable backbone will be routed within the existing right-of-way (ROW) along existing public utilities, and land acquisition is not currently anticipated as part of the

Telcotech | Home

Founded in 2007, Telcotech Ltd has been a Telecommunication Infrastructure and Associated Services Provider, a part of the Royal Group of Companies in Cambodia. With a 30,000-kilometer-long fiber

OUR NETWORK

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Our Network Telcotech has the most robust underground domestic fibre network throughout Cambodia with full redundancy and Service Availability at 99.99%. Over 11,000km Fibre optic network nation

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Thailand-Cambodia-Viet Nam Backbone: 1997-1999 The first fiber optic network was built in Cambodia

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The fibre optic cable network in Cambodia has doubled from under 20,000 km in 2020, to more than 40,000 km in 2025.

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Unlike traditional copper wire connections, fiber-optic cables offer faster speeds, greater bandwidth, and are less susceptible to interference. Learn more about fiber-optic internet connections here.

China Unicom to Lay Subsea Fiber Cable Linking Hong Kong and Cambodia ...

Additionally, it will extend further to encompass Vietnam, Cambodia, and Indonesia. China Unicom boasts a network comprising over 20 terrestrial optical fiber cable border stations that

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CFOCN Proposes Extensive Fibre Optic Network Installation Across

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Cambodia Fibre Optic Communication Networks Co., Ltd (CFOCN) requested approval from the Ministry of Public Works and Transport to undertake a significant project involving the

Sihanoukville-HK submarine optical fibre cable to be completed in 2025

The project to build submarine optical fibre cable network between Sihanoukville and Hong Kong will be completed in July 2025, Chinese media reported quoting Unicom Group sources.

Cambodia-Hong Kong cable to be completed by mid-2025

A project to build submarine cable network between Sihanoukville, a coastal city in southern Cambodia, and Hong Kong is to be completed in July 2025, according to regional press

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