

Thailand lays fiber optic cables

Article Overview

Thailand is expanding its fiber optic network through new manufacturing facilities and infrastructure projects, while also addressing illegal cross-border cable operations.

New Fiber Optic Manufacturing Facilities

Thailand has recently seen significant investment in fiber optic production. On June 4, 2026, Thailand Ruisen Co., Ltd., a subsidiary of FiberHome Communications, held a groundbreaking ceremony for its optical fiber and cable manufacturing base near Bangkok. The facility covers approximately 72,000 square meters and will focus initially on outdoor and soft optical cable production. Once operational in 2025, it is expected to produce millions of core kilometers of optical cables annually, supporting both domestic demand and export to ASEAN, South Asia, Europe, and Africa. The project is also expected to create hundreds of jobs in R&D, manufacturing, sales, administration, and supply chain roles, promoting localization of the fiber optic industry in Thailand . Additionally, SEIKOH GIKEN, a Japanese precision technology company, inaugurated a new fiber optic cable plant at WHA Saraburi Industrial Land. This facility focuses on assembling fiber optic components critical for 5G networks, data centers, and smart networks, strengthening Thailand's digital infrastructure and reducing import dependency while fostering a local high-tech ecosystem .

Cross-Border Fiber Optic Cable Issues

Thailand has also been addressing illegal cross-border fiber optic operations. In December 2024, authorities discovered 16 illegal fiber optic lines spanning nearly 3 kilometers from Mae Sot, Thailand, to Myawaddy, Myanmar. These cables were used by criminal groups, including call center gangs, to maintain high-speed internet for illicit activities. The National Broadcasting and Telecommunications Commission (NBTC) and Thai police cut the cables and are investigating the companies involved, with penalties including imprisonment and fines . Similar operations were disrupted in January 2026 along the Thailand-Myanmar border, where fiber optic cables were seized and signals cut to prevent illegal cross-border internet use .

Implications

These developments highlight Thailand's dual approach: investing in legal fiber optic infrastructure to support high-speed internet and digital growth, while enforcing regulations to prevent illegal cross-border networks. The expansion of local manufacturing and assembly facilities positions Thailand as a growing hub for fiber optic technology in Southeast Asia, supporting both domestic connectivity and regional digital integration .

By combining FiberHome's expertise in optical fiber and cable with Thailand's geographical advantages and

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abundant

Government-led broadband projects across markets in the Asia-Pacific region have reaped the fruits of success in recent years as

In its first phase, the plant has a production capacity of up to 6 million fiber kilometers per year. This significant

6Wresearch actively monitors the Thailand Fibre Optic Cable Market and publishes its comprehensive annual report, highlighting

Operators like AIS Fibre, True Online, and 3BB have run fiber optic cables not just in Bangkok but throughout all 77

Thailand operates within a global optical fiber cables market characterized by concentrated production and

The first phase of the project is mainly for outdoor and soft optical cable manufacturing. After it is put into operation in

This robust infrastructure build-out (often visible as clusters of fiber cables strung along city streets) has laid the

Thai officials found 16 fiber optic lines, including 216-core and 96-core cables, the largest of their kind ever intercepted

Fiber optic, behind the high-speed telecommunication History of fiber optic Back into 1954, the transmission of images through a

The facility focuses on the assembly of Fiber Optic Components, a critical backbone for high-speed communication

When exploring the Fiber Optic Cable industry in Thailand, several key considerations are essential. First, understanding the

Objectives of National Broadband Policy Broadband network cover 80 percent of population in 2015, and 95 percent in 2020 with

Investigators said the search uncovered fibre-optic cables allegedly dragged under the Moei River to provide internet

Tak -- On December 2nd, 2024, Thai police and related agencies inspected the Mae Sot border checkpoint in

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Tak after discovering

In Thailand, the fiber optic cable manufacturing industry presents a dynamic landscape shaped by several key considerations.

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