

Tajikistan s large-scale fiber optic cable



AI Overview

Tajikistan is expanding its fiber-optic network domestically and establishing a direct connection to China to improve internet speed, reduce costs, and enhance connectivity.

Domestic Fiber-Optic Expansion

In 2025, Tajiktelecom laid 536 kilometers of new fiber-optic lines, expanding the national network to 3,459 kilometers. This represents the largest network expansion in recent years, improving internet access in cities, remote areas, and public spaces such as airports and parks. The project also included modernizing the main transport network carrying internet traffic, installing new equipment to increase connection speed and reliability, and developing the TJ-IX national traffic exchange point for efficient data exchange between operators .

Connection to China

Tajikistan is constructing a fiber-optic line connecting its network directly to China, which will increase bandwidth, reduce internet costs, and enable mobile operators to offer cheaper services. So far, 108 kilometers of cable have been laid in Shamsiddin Shokhin and Darvaz districts, with plans to extend the 48-layer optical cable from Dushanbe to Khorog and then to the Chinese border. This project is part of a high-speed trunk transport network along the Dushanbe-Kulob-Darvoz-Rushon-Khorog-Kulma route, enhancing international connectivity and transit potential .

Benefits and Implications...

Article Content

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In 2025, Tajiktelecom laid 536 km of fiber-optic lines and expanded the ...

In 2025, 536.2 kilometers of new fiber-optic lines were laid across the country, representing the largest network

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Tajikistan Fiber Optics Market (2025-2031) | Industry & Trends

Tajikistan Fiber Optics Market Size Growth Rate The Tajikistan Fiber Optics Market may undergo a gradual slowdown in growth

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Trans-Caspian Fiber Optic

The first phase envisages the construction of a backbone fiber-optic cable on the Azerbaijan-Kazakhstan route through the bottom of

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Tajikistan Fiber Optic Connectivity Market (2024-2030) | Analysis ...

Tajikistan Fiber Optic Connectivity Market is expected to grow during 2025-2031

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Tajikistan Fibre Optic Cables Market (2025-2031) | Revenue & Share

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

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Pakistan, Tajikistan study fibre optic cable link

Tajikistan looks to promote trade in Pakistan Under this project, a fibre cable will be laid along with the power

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Head of Communications Service: Internet Cost in Tajikistan Decrease ...

Currently, the Communications Service, together with international partners, is implementing a large-scale three-year

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Tajikistan Optical Cable Installation Quota

Linking Tajikistan's Telecommunications to Chinese Systems The Communications Service of Tajikistan and the Ministry of

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Tenders Are Invited For Laying Of The Fiber Optic Cable Through The ...

Tenders Are Invited For Laying Of The Fiber Optic Cable Through The Well Construction Of The Urban

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Tajikistan Fiber Optic Cable Market (2025-2031) Outlook

The Tajikistan Fiber Optic Cable Market could see a tapering of growth rates over 2025 to 2029. Although the growth rate starts

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Fibre Optic Suppliers Serving Tajikistan

Fibre optic cable systems assuring high-quality connectivity. The communication applications of today demand higher performance,

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Tajikistan

Tajikistan has a total of four terrestrial fiber connections via Uzbekistan, the Kyrgyz Republic, and Kazakhstan that all

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Reinventing Fiber Rollout Economics in Central Asia

Central Asia's fiber rollout economics, particularly via the Trans-Caspian Fiber-Optic Cable,

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Tajikistan Fiber Optical Cable and Cable Assembly Products Market

6Wresearch actively monitors the Tajikistan Fiber Optical Cable and Cable Assembly Products Market and publishes its

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Tajikistan Fiber Optic Cables Market (2025-2031) | Size & Forecast

Tajikistan Fiber Optic Cables Market Trends The Tajikistan Fiber Optic Cables Market is witnessing significant growth due to

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Tajikistan Fiber Optics Cable Market (2025-2031) | Trends, Outlook ...

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KoM project presentation

Current situation in the Tajik telecom sector No connection to regional submarine cables... Outside of optic fiber routes... Not

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Tajikistan Fiber Optic Cable Market (2025-2031) Outlook

Key players in the Tajikistan Fiber Optic Cable market include Prysmian Group, Corning Incorporated, Fujikura Ltd., and Sterlite

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Tajikistan's telecommunications networks are directly connected to ...

It is worth noting that this action leads to the creation of additional international high-speed fiber-optic communication

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Trans-Caspian Fiber-Optic Cable Construction Progresses to the Next ...

Baku: The Trans-Caspian Fiber-optic Cable project, set to establish the first fiber-optic connection between Azerbaijan

Nov 06, 2025

Tajikistan To Link Up With China Telecoms Network

Tajikistan on November 17 announced plans to link with China's telecommunications network in order to improve the mountainous,

Dec 13, 2025

Linking Tajikistan's Telecommunications to Chinese Systems

The communications service is running fiber optic cables along highways under construction. The Communications

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Trans-Caspian Fiber-Optic Cable Project in Spotlight

The large-scale infrastructure project aims to build a high-capacity transit fiber-optic

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Trans-Caspian fiber-optic cable project will create a new ...

The flagship project, the Transcaspian Fibre Optic Cable Line, will become the first direct digital bridge between

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Internet from China. Tajikistan is laying fiber-optic lines to China

A fiber-optic line to China is being laid in Tajikistan, which will directly connect the telecommunications networks of the

Aug 29, 2025

Kazakhstan Turkmenistan Kyrgyzstan Tajikistan FTTH Drop Fiber Optic Cable

1 Conductor Material Steel Fiber Type G657A2 Conductor Type Steel Product name FTTH drop fiber optic cable Application FTTH

Sep 09, 2025

Tajikistan faces uphill climb to wire the country | Eurasianet

He added that plans are being developed to add server capacity and install fiber-optic lines to improve Internet

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Tajiktelecom has expanded its fiber-optic Internet and free Wi-Fi ...

In 2025, 536.2 kilometers of fiber-optic lines were laid across Tajikistan, marking the largest network expansion in

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Trans-Caspian Fiber-Optic Cable Construction Progresses to the Next ...

The Trans-Caspian Fiber-optic Cable Line features a 380 km fiber-optic line across the Caspian Sea, connecting

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Fiber optic cable to home infrastructure in Tajikistan

In the Tajikistan Fiber Optic Cable Market, several challenges are faced, including limited infrastructure development, high

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Trans-Caspian Fiber-Optic Cable Project Reaches Key Milestone with ...

A new milestone has been reached in the construction phase of the Trans-Caspian Fiber-Optic Cable Line, a key

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town, 7441, South Africa

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