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Tajikistan Fiber Optic Communication



Overview

Connect Tajiktelecom services: home internet, telephony, digital TV, service packages and support across Tajikistan.

Key Takeaways

Tajikistan has significantly expanded its fiber optic network, with over 3,459 km of lines nationwide and fiber coverage reaching 45% of urban areas in 2026, improving internet speed, accessibility, and digital services.National Fiber Optic Infrastructure

Tajikistan has invested heavily in fiber optic infrastructure, with over 3,459 kilometers of fiber-optic lines laid or upgraded by 2025, including 536 km added that year alone, marking the largest expansion in recent history . The network connects major cities and extends to remote regions, enhancing internet accessibility and reliability. Free Wi-Fi hotspots have been deployed in airports, parks, and public spaces to improve connectivity for residents and visitors .

International Connectivity

The country maintains four terrestrial fiber connections via Uzbekistan, Kyrgyzstan, and Kazakhstan, linking to the Frankfurt-Shanghai Trans-Asia Europe (TAE) cable through Russia . In 2025, Tajikistan also laid 108 km of fiber-optic line to China, directly connecting the two countries' networks to increase bandwidth, reduce internet costs, and improve service quality . These international links strengthen Tajikistan's access to global internet resources and support faster, more stable online services.

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Coverage and Internet Performance

As of 2026, fiber optic coverage reaches 45% of urban areas, and internet penetration has risen to 78%, reflecting strong adoption of mobile broadband and government initiatives . The average broadband speed is 45 Mbps, supported by ongoing network upgrades and modern equipment installation . The growth in mobile internet users, now approximately 6.2 million, highlights expanding digital engagement across the country .

Operators and Technology

Tajikistan's fiber optic ecosystem is supported by five mobile operators (including Tcell, MegaFon, and Babilon-M), one national operator (Tajiktelecom), and around seven licensed ISPs . The sector relies heavily on Chinese (Huawei, ZTE) and Russian technologies, raising considerations about technological dependency and cybersecurity . The country is gradually rolling out 5G pilot zones in Dushanbe and Khujand, with commercial deployment expected by 2027 .

Government Initiatives and Future Plans

The government prioritizes extending fiber optic networks to rural areas, improving internet speeds, and promoting digital literacy to ensure nationwide connectivity . Investments in the TJ-IX national traffic exchange point and modernization of transport networks enhance both domestic and international data flow . Continued fiber deployment is expected to support e-commerce, digital services, education, and overall economic growth . In summary, Tajikistan's fiber optic communication infrastructure has expanded rapidly, improving urban and rural connectivity, internet speed, and access to digital services, while ongoing projects aim to further integrate the country into regional and global networks.

Article Content

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Fiber Optic Coverage Statistics in Tajikistan (2026)

An overview of fiber optic coverage and internet usage statistics in Tajikistan for 2026, highlighting digital infrastructure growth.

In Tajikistan, the Strategy for the Development of the

The implementation of the strategy is aimed at expanding and modernizing

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

Tajikistan Fiber Optics Market Overview The Tajikistan Fiber Optics Market is witnessing steady growth, driven by increasing

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This measure will introduce additional high-speed international fiber-optic communication lines to access global

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Priority tasks for the near future include continuing the digitalization of the postal sector, expanding cashless

The implementation of Tajikistan''s Communications Development

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He emphasized that the Government of the Republic of Tajikistan is creating favorable conditions for attracting

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

Internet in Tajikistan

The country is connected to the Trans-Asia-Europe (TAE) fiber-optic highway passing through Uzbekistan, and a second connection

Tajikistan Fiber Optic Components Market (2025-2031) | Growth

6Wresearch actively monitors the Tajikistan Fiber Optic Components Market and publishes its comprehensive annual report,

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Emomali Rahmon ordered the development of a

To achieve these goals, a number of measures are planned, including the modernization of

Tajikistan Optical Communication and Networking Market (2024

6.2.4 Tajikistan Optical Communication and Networking Market Revenues & Volume, By Fiber Channel, 2020- 2030F 7 Tajikistan

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

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Tajikistan To Link Up With China Telecoms Network

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

Tajikistan Optical Communication and Networking Equipment Market

6.2.6 Tajikistan Optical Communication and Networking Equipment Market Revenues & Volume, By Fiber Channel, 2020 - 2030F 6.3

Tajikistan launches national Internet exchange point: What will It ...

Tajikistan aims to become a transit hub for Central Asia, connecting neighboring countries through new optical

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The fixed-line telephony infrastructure in Tajikistan relies on a core network that is predominantly copper-based in urban areas,

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The future outlook for the Tajikistan Fiber Optic Connectors Market appears promising, driven by increasing demand for high-speed

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Tajikistan Fiber Optic Cables Market Synopsis The Tajikistan Fiber Optic Cables Market is witnessing steady growth driven by

Starlink Launches in Tajikistan

The licensing agreement was signed in October 2025 at the Dushanbe Invest-2025 Forum between Starlink Tajikistan

Tajikistan''s connection to Chinese telecommunications networks:

The decision of Tajikistan''s authorities to connect to Chinese telecommunications networks has raised concerns

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