

## Azerbaijan's fiber optic communication capacity



### Overview

Key Insight: By 2026, Azerbaijan has expanded its fiber optic infrastructure to cover approximately 82% of its territory, significantly improving internet access in both urban and rural areas. In 2024, Azerbaijan climbed eight positions in the Mobile Connectivity Index. The country's internet penetration rate has risen to 78%, reflecting increased digital adoption among its. The 'Online Azerbaijan' project was launched in 2021, and within four years, it expanded high-speed broadband access to nearly all households and businesses and significantly enhanced network performance across the country. This article provides an overview of the project and explores its impact on. 95% of rural telephone stations have already been provided with optic fiber cable system connection. 50% of the country's telephone system is reconstructed based on cutting-edge NGN technologies, which enable users to benefit from single line for phone connection, high speed internet and IP TV. 57 billion manats (approximately \$1. This is 7% more compared to 2023, when expenses were estimated at 2.



## Article Content

Azerbaijan – Kazakhstan route

In June 2023, AzerTelecom and Kazakhtelecom signed a Shareholders' Agreement to establish a joint venture for the construction and operation of the Trans-Caspian Fiber-Optic Communication Line

Experience of Azerbaijan in broadband internet

Furthermore, Azerbaijan takes initiatives to build a high-capacity data transmission fiber-optic network in the region. Bilateral agreements have already been signed

Azerbaijan

The Azerbaijan Government has a clear understanding of ICT policy significance in the development process. According to national plans, the focus will be on high-speed optical fibre and wireless

Fiber Optic Coverage Statistics in Azerbaijan (2026)

Key Insight: By 2026, Azerbaijan has expanded its fiber optic infrastructure to cover approximately 82% of its territory, significantly improving internet access in both urban and rural areas.

Trans-Caspian Fiber Optic

The Trans-Caspian Fiber Optic Cable is a backbone fiber-optic cable between the Republic of Azerbaijan and the Central Asian Republics through the bottom of the Caspian Sea, being an Asian

The Trans-Caspian Fiber-optic Cable Construction Progresses to the

The Trans-Caspian Fiber-optic Cable Line features a 380 km fiber-optic line across the Caspian Sea, connecting Sumgait (Azerbaijan) and Aktau (Kazakhstan). With a data transmission capacity of up to

Communication (Azerbaijan market)

As of 2024, Azerbaijan is preparing to deploy commercial 5G networks: test tests and pilot projects are being carried out. Operators and government agencies are working to build the

Kazakhtelecom, AzerTelecom Agree to Construct Fiber Optic Communication ...

Kazakhtelecom and AzerTelecom signed a shareholder agreement on the establishment of a joint venture responsible for the construction and operation of the Trans-Caspian fiber optic

Kazakhstan, Azerbaijan sign document on design, construction of fiber ...

Among them is a document on the design and construction of an underwater fiber-optic communication line along the Kazakhstan-Azerbaijan route. The project has strategic significance for

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