

Fiber optic cable route to Kazakhstan



Article Overview

Kazakhstan is establishing a high-capacity fiber-optic link to Azerbaijan via the Trans-Caspian Cable, enhancing connectivity between Europe and Asia.

Trans-Caspian Fiber-Optic Cable Project

Kazakhstan is participating in the Trans-Caspian fiber-optic cable project, a key component of the Digital Silk Way initiative led by NEQSOL Holding and implemented through AzerTelecom in partnership with Kazakhtelecom . The project involves laying a 380-kilometer submarine cable along the Caspian Sea floor, connecting Aktau, Kazakhstan, to Sumgayit, Azerbaijan. The cable is designed to provide ultra-high-speed, low-latency connectivity with a data transmission capacity of up to 400 terabits per second (Tbps), creating a direct digital corridor between Europe and Central/South Asia . Construction is currently underway, with the official launch scheduled for the third quarter of 2026 . The project aims to reduce latency, improve internet quality, and support international data transit, while also attracting global hyperscalers and enhancing regional digital resilience . The initiative is expected to strengthen Kazakhstan's role as a digital gateway between Europe and Asia.

Strategic Importance

The Trans-Caspian cable is part of a broader effort to diversify connectivity routes beyond traditional terrestrial and submarine networks. It will facilitate high-capacity, secure, and reliable data exchange, supporting economic cooperation, digitalization, and technological advancement across the South Caucasus, Central Asia, and South Asia . This infrastructure is particularly significant for international businesses, clou...

Article Content

Dec 13, 2025

Azerbaijan, Kazakhstan Advance Trans-Caspian Fiber-Optic Cable

The Trans-Caspian Fiber-Optic Cable Line project is being implemented by AzerTelecom, a backbone internet provider

Apr 30, 2026

Azerbaijan-Kazakhstan Subsea Cable Marks Major Construction

This milestone confirms that the proposed fiber-optic route meets international engineering standards and adheres to

Oct 02, 2025

Azerbaijan – Kazakhstan route

The document envisages a strategic partnership between the two operators within the framework of the Trans-Caspian Fiber-Optic

Jan 25, 2026

Trans-Caspian Fiber-Optic Cable Project Desktop Study Completed

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

Nov 09, 2025

Azerbaijan and Kazakhstan Lay the Groundwork for a Digital Bridge ...

For the first time, a subsea fiber-optic cable will link Azerbaijan and Kazakhstan, forming a digital artery with more

Jul 05, 2026

Azerbaijan-Kazakhstan Subsea Cable Marks Major Construction

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

Sep 26, 2025

Kazakhstan, Azerbaijan begin construction of fibre-optic link under ...

NUR-SULTAN – Kazakh Prime Minister Askar Mamin and Azerbaijani Prime Minister Ali Asadov officially launched

Jul 07, 2026

Azerbaijan, Kazakhstan, Turkmenistan Advance Fiber-Optic Mega

Marine surveys are now underway to chart the optimal route for the Trans-Caspian fiber-optic cable, a key part of the

Jan 08, 2026

Trans-Caspian fiber optic link between Kazakhstan, Azerbaijan

The trans-Caspian fiber-optic cable line is part of the Digital Silk Road megaproject to create a digital

Jan 14, 2026

Azerbaijan, Kazakhstan to Start Laying Subsea Fiber-Optic Internet Cable

Azerbaijan and Kazakhstan will start next year construction of the fiber-optic communication line that will run along the

Feb 02, 2026

Trans-Caspian Fiber Optic Cable Project

The Trans-Caspian Fiber Optic Cable Project is a strategic infrastructure initiative aimed at constructing a 380 km submarine fiber

Jan 11, 2026

Kazakhstan's Optical Fiber Cables Market Report 2026

Kazakhstan's optical fiber cables market operates within a global landscape dominated by major producers and

May 08, 2026

Azerbaijan and Kazakhstan to deploy first fiber-optic cable in 2026

Azerbaijan and Kazakhstan have started deploying the first-ever fiber-optic cable between the countries,

Apr 15, 2026

Azerbaijan, Kazakhstan begin marine surveys for constructing Trans ...

BAKU. Aug 6 (Interfax) - Azerbaijan and Kazakhstan have started conducting marine surveys of a route as part of the project to build

Jul 31, 2025

Trans-Caspian fiber optic cable line construction strengthens digital ...

The Trans-Caspian Fiber Optic Cable Line is a vital part of the Digital Silk Road project, a digital telecommunications

Sep 18, 2025

Azerbaijan and Kazakhstan's Digital Silk Road: 400 Tbps Caspian ...

The 380-kilometer Trans-Caspian Fiber Optic Cable Line will connect Sumgait in Azerbaijan with Aktau in Kazakhstan, delivering up

Jan 08, 2026

Trans-Caspian Fiber Optic Cable Project

The Trans-Caspian Fiber-Optic Cable is a planned submarine system that will cross the Caspian Sea between Kazakhstan and

Mar 17, 2026

Fibre-optic Link Around the Globe

Fibre-optic Link Around the Globe (FLAG) is a 28,000-kilometre-long (17,398 mi; 15,119 nmi) fibre optic mostly- submarine

Apr 03, 2026

Azerbaijan, Kazakhstan Launch Fiber-Optic Cable Construction Along ...

Azerbaijan and Kazakhstan took another step toward strengthening their telecommunication systems as top officials

Nov 19, 2025

Azerbaijan, Kazakhstan Advance Trans-Caspian Fiber-Optic Cable

Kazakhstan and Azerbaijan are moving ahead with the development of the Trans-Caspian fiber-optic communication

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