

Afghanistan Fiber Optic Cable Project



Overview

Once completed, the 4,600 Afghan Fiber Optic Ring (also known as the Afghan National Civil Optical Fiber Cable-OFC ring network) within the broader regional “Digital Silk Road” aims to improve regional connectivity and expand the regional knowledge economy in Central, South, and. Once completed, the 4,600 Afghan Fiber Optic Ring (also known as the Afghan National Civil Optical Fiber Cable-OFC ring network) within the broader regional “Digital Silk Road” aims to improve regional connectivity and expand the regional knowledge economy in Central, South, and. Afghanistan is fast developing into a major trade and transit hub for subsea and transcontinental communication. Enayatullah Alokzay, the spokesperson for the ministry, stated that the operations to extend and connect the fiber optic network have. GL FIBER & High-Performance Fiber Optic Network Deployment in. Scope: Deployment of a 1,200-km fiber optic backbone network integrating aerial, underground, and submarine routes to enhance national broadband connectivity and support 5G/FTTH rollout. Afghanistan, a landlocked nation with a turbulent history of conflict and instability, has long been isolated from global technological advances. However, in recent years, the country has. IMS (International Media Support) is a non-profit organisation supporting local media in countries affected by armed conflict, human insecurity and political transition. We push for quality journalism, challenge repressive laws, and keep media workers of all genders safe so they can do their jobs. Afghanistan's Fiber optical network is owned by government.

Article Content

Aug 20, 2025

GL FIBER & High-Performance Fiber Optic Network

High-Performance Fiber Optic Network Deployment in Location: Afghanistan Scope: Deployment of a 1,200-km fiber optic backbone network

Jun 10, 2026

Fiber Optic Network Project To Be Completed In 7 Months

Nearly 480km of fiber optic cable will connect Afghanistan to China's fiber optic network, he said. With the expansion of fiber optic network, internet services will be better, said Saer Zaland,

Mar 31, 2026

Digital CASA Afghanistan Project | Ministry of communications & IT

Digital CASA Afghanistan Project Digital CASA Afghanistan Project Digital CASA (Central Asia South Asia) is a World Bank funded regional program that includes projects in Afghanistan and some

May 11, 2026

Digital Infrastructures in Afghanistan

In the following years, various international investments were made to rebuild and expand the Afghan telecommunications infrastructure, including the Nato-funded Silk Highway project to ensure high

Dec 28, 2025

Afghanistan's fiber optics key to regional connectivity

The primary objective of Afghanistan's fiber optic network project is to extend internet access to all 34 provinces and improve the quality and reliability

Aug 23, 2025

Afghanistan Fiber Optic Connectors Market (2025-2031) | Trends,

Afghanistan Fiber Optic Connectors Market Overview The Fiber Optic Connectors Market in Afghanistan encompasses the manufacturing and distribution of connectors used to terminate and interconnect

Nov 20, 2025

Digital Silk Road

Digital Silk Road Afghanistan is fast developing into a major trade and transit hub for subsea and transcontinental communication. Once completed, the 4,600 Afghan Fiber Optic Ring (also known as

Nov 12, 2025

Afghanistan's fiber optics key to regional connectivity

Afghanistan, a landlocked nation with a turbulent history of conflict and instability, has long been isolated from global technological advances.

Mar 06, 2026

Fiber Optic development strategic Objectives in Afghanistan

Providing basic infrastructure for connecting usage the National Fiber Optic Network Providing foundation for creating an information society. In order to achieve the above objectives, the

Jul 19, 2025

Technical, Technological and Operational Feasibility of FTTH in Afghanistan

The figure cannot exactly address the situation in Afghanistan, since, 4G could be launched in 2018 and 5G has not yet been commenced for implementation in Afghanistan, yet, pen access backbone of

Nov 29, 2025

Khalilzad Warns Fiber Optic Shutdown Hurts Afghanistan's Economy

Some experts believe fiber optics could serve as a key infrastructure for the growth of Afghanistan's digital economy.

Dec 25, 2025

Afghan Fiber Optic Network Analysis

Afghanistan's Fiber optical network is owned by government. Currently it is connected with 24 provinces and its active length is 4000/km. 101 million USD has been invested on this fiber optical network. In

Apr 30, 2026

SILK-Afghanistan: expanding internet connectivity (2006-2016)

Named after the Great Silk Road trading route linking Asia and Europe, the SILK-Afghanistan project provided high-speed internet access via satellite and fibre optics to Afghan

Aug 01, 2025

FTTX | High-Speed Fiber Optic Solutions for Afghanistan

FTTX.af provides cutting-edge fiber optic technology and high-speed internet solutions across Afghanistan. Explore our reliable, scalable, and future-proof FTTX (Fiber to the X) networks designed

Feb 13, 2026

AWCC inaugurates Kabul-Mazar-Hairatan fiber optic

Afghan Wireless Communication Company (AWCC) on Monday inaugurated the Kabul-Mazar-e-Sharif and Mazar-Hairatan fiber optic network,

Mar 12, 2026

488 KM Fiber Optic Expansion Project in Afghanistan

The Ministry of Communications and Information Technology has

Nov 01, 2025

Fiber Optic Network Construction Begins in N. Afghanistan

The new fiber optic network is expected to deliver greater connectivity to Afghanistan's neighboring countries and the world, he added, describing

May 07, 2026

CONNECTING AFGHANISTAN TO THE REGION AND TO THE

Our world-class optical fiber between Afghanistan and Turkmenistan represents Afghan Wireless' fifth and sixth international border connections including to Tajikistan, Uzbekistan and Pakistan. From

Nov 28, 2025

Microsoft PowerPoint

Ensure that the duct requirements are met when laying optical fiber cables in all new roads through sharing the ten-year strategic plan for roads, as well as the establishment of an Optical Fiber

Sep 28, 2025

42m afs fiber optic project launched in Herat - Pajhwok

Practical work on a 45-kilometre fiber-optic project worth 42 million afghanis has been launched in western Herat province, an official said on

Jun 12, 2026

Microsoft PowerPoint

Islamic Republic of Afghanistan, Ministry of Communications and Information Technology (MCIT) Presentation by MCIT on Afghan Fiber Optic Ring International Conference, "Practical steps towards

Feb 18, 2026

GL FIBER & High-Performance Fiber Optic Network

Scope: Deployment of a 1,200-km fiber optic backbone network integrating aerial, underground, and submarine routes to enhance national broadband connectivity

Sep 14, 2025

488 KM Fiber Optic Expansion Project in Afghanistan Approved

The Ministry of Communications and Information Technology has announced the approval of a project to lay 488 kilometers of fiber optic cable across Afghanistan.

Nov 20, 2025

Digital Infrastructures in Afghanistan

According to the International Telecommunication Union (2024), Afghanistan has a total of 5,078 kilometres of optical fibre spanning 91 cables that are in operation as of 2024, while 4,116 kilometres

Mar 28, 2026

Digital Silk Road

Once completed, the 4,600 Afghan Fiber Optic Ring (also known as the Afghan National Civil Optical Fiber Cable-OFC ring network) within the broader regional "Digital Silk Road" aims to improve

Oct 17, 2025

New fiber-optic network brings digital era to Afghanistan

The fiber-optic cables run to Tajikistan and Uzbekistan, linking Afghanistan by land to the global Internet for the first time.

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