

Iran receives fiber optic cable



Article Overview

Iran is actively expanding its fiber optic network, aiming to replace copper cables nationwide and connect millions of users with high-speed internet.

National Fiber Optic Project

Iran has launched a major fiber optic initiative to replace all copper-based networks within five years, targeting 27 million subscribers across the country. The project, led by the Telecommunication Company of Iran (TCI), is described as the largest ICT initiative in the nation and emphasizes the use of domestically manufactured equipment, from fiber cables to transmission hardware. This approach is expected to boost local industry and create approximately 10,000 jobs per million connections. The rollout begins in provincial capitals, where high population density drives demand for faster bandwidth that mobile networks alone cannot meet .

Provincial Deployments

In addition to the national plan, Iran has been deploying fiber optic cables at the provincial level, such as the installation of 224 kilometers in Markazi Province over the past year. These deployments prioritize industrial centers and population hubs, aiming to improve data transmission speed and reliability compared to traditional copper networks. However, the benefits for ordinary users are moderated by strict internet censorship, which limits access to global content and social platforms .

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Minister of Information and Communications Technology (ICT) Sattar Hashemi announced on Saturday a 100%

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Iran's optic fiber services available to 6 million households

TEHRAN, Feb. 06 (MNA) – Iran's Minister of Information and Communications Technology says that some six million households are

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The company has put on display the equipment utilized in the project code named Takva, to connect the three cities of Isfahan,

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Iran Boosts Fiber Optic Network Amid Severe Internet Censorship

Iran has increased its fiber optic network, boosting digital infrastructure while maintaining strict internet censorship.

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Corporate site number 6

The first specialized manufacturer of new generation fiber optic cables in Iran
Knowledge of the production process, raw materials

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Iran's Fiber Optic Project Aims for Digital Economy Growth

The CEO of Iran's Telecommunications Company has described the transition from copper cables to fiber optics,

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Tehran, Iran – Iran's Revolutionary Guard announced that fiber optic cables crossing the Strait of Hormuz may be

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WANA (Aug 09) – The CEO of the Telecommunication Company of Iran (TCI) has announced the launch of a national fiber optic

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Top Fiber Optic Cable Manufacturing Companies in Iran

When exploring the Fiber Optic Cable Manufacturing industry in Iran, several key factors warrant attention. The regulatory landscape

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Iran eyes a new source of power deep beneath the Strait of Hormuz

Emboldened by its blockade of the Strait of Hormuz, Iran is turning to one of the hidden arteries in the global

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