

RIVO MULTITRADE OPTICAL SYSTEMS

What fiber optic communication equipment is available in Jamaica



Overview

We specialize in network cabling, fibre-optic solutions, server room design, UPS installation, and security systems.

Key Takeaways

Jamaica extensively uses fiber optic technology, with networks covering urban and rural areas and supporting high-speed internet and digital services. Overview of Fiber Optic Adoption

Jamaica transitioned from traditional copper-based communication to fiber optics in the late 20th century, driven by the need for faster, higher-capacity networks. Unlike copper cables, fiber optics transmit data using light, enabling significantly higher speeds and bandwidth. Early adoption was led by Cable & Wireless Jamaica (now FLOW), followed by Digicel, both of which invested heavily in building robust fiber networks across the island. The government has supported this expansion through public-private partnerships and initiatives like the National Broadband Initiative, aiming to improve connectivity in underserved areas.

Current Coverage and Internet Speeds



By 2026, Jamaica's fiber optic network is projected to cover 75% of the country, including both urban and rural communities . Fixed broadband speeds have increased substantially, with median speeds rising from ~61 Mbps in January 2024 to ~82 Mbps in January 2025, and average speeds expected to reach 150 Mbps by 2026 . Internet penetration is high, with approximately 85% of the population online, and mobile internet usage is widespread, with around 88% of Jamaicans accessing the internet via smartphones .

Major Providers

The two dominant providers are FLOW and Digicel, together serving about 95% of internet users. FLOW leads in fixed broadband and aims for near-universal fiber coverage by 2025, while Digicel operates hundreds of mobile sites and continues to expand its fiber infrastructure . The government is also investing in sub-sea fiber-optic cables to reduce connectivity costs, increase redundancy, and support economic growth, with projects costing between US\$45-55 million .

Economic and Social Impact

Fiber optic deployment has enhanced internet reliability, supported remote work, e-learning, and digital commerce, and is projected to contribute over \$1.2 billion USD to Jamaica's GDP by 2026 . The expansion also facilitates digital literacy, access to online services, and the bridging of the urban-rural digital divide, with programs connecting schools, libraries, and community Wi-Fi hotspots .

International Connectivity

Jamaica is connected to international networks via submarine fiber-optic cables, including the Fibralink and ALBA-1 systems, linking the island to the Americas, Cuba, and Venezuela . These connections ensure high-capacity data transfer and support Jamaica's growing digital economy. In summary, Jamaica has embraced fiber optic communication extensively, with ongoing investments and government support ensuring high-speed, reliable internet access that underpins economic growth, education, and digital inclusion across the country .

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Telecom Operators in Jamaica Offering High-Speed Internet and

The shift happened because Jamaica's telecom operators invested billions in infrastructure—towers, fiber-optic cables,

Fiber internet: Transforming connectivity in Jamaica

Experience the power of fiber internet in Jamaica. Learn how this revolutionary technology is changing the way we

Gov't Awards Licences for Fibre Optic Cables

The government of Jamaica has granted two licences for the construction and operation of two submarine fibre optic

Internet Access in Jamaica: From Fiber to the Final Frontier

In other words, Jamaica's internet ecosystem is characterized by widespread mobile internet usage, alongside a

Internet: Transforming Connectivity in Jamaica

Fiber-optic internet is currently the fastest option available in Jamaica. It uses light signals to transmit data at incredibly high speeds,

Navigating Internet Service Options in Jamaica

In Jamaica, broadband services are commonly available through several technologies, including: Fiber-Optic: Fiber

Jamaica Optical Communication and Networking Market (2025-2031 ...

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Fiber Internet: Revolutionizing Connectivity in Jamaica

In recent years, fiber internet has transformed the digital landscape in Jamaica, offering residents and businesses

Jamaica Optical Communication and Networking Equipment Market

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Fiber Optic Cable: Revolutionizing Internet in Jamaica

Fiber optic cable is more than just a technological upgrade; it's a critical tool for ensuring Jamaica's future growth and

Fiber Optic Coverage and Internet Usage Statistics in Jamaica (2026)

An overview of Jamaica's fiber optic infrastructure and internet usage projections for 2026, highlighting digital growth in the

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