

Article Overview

ENet and Digicel are the primary providers of high-speed 10 Gigabit-capable fiber-optic networks in Guyana, though specific cable manufacturers are not publicly disclosed.

Key Fiber-Optic Projects in Guyana

ENet (E-Networks) recently commissioned the first direct submarine fiber-optic cable to Bartica, a hinterland town, providing gigabit-speed internet and 5G mobile connectivity . This project involved navigating challenging terrain and crossing two major rivers, linking Bartica directly to Guyana's largest fiber-optic backbone, which now spans seven of the country's ten administrative regions . The rollout is part of the government's Digital Guyana strategy, aimed at modernizing ICT infrastructure and bridging the digital divide between coastland and hinterland communities . Digicel Group has also deployed its undersea fiber-optic cable, Deep Blue One, which enhances international connectivity for Guyana, Suriname, French Guiana, and Trinidad & Tobago . This network supports high-capacity data transmission, including offshore oil and gas platforms, and is designed for scalability and future technology upgrades.

Local Providers and Capabilities

- o ENet: Focuses on domestic submarine and terrestrial fiber-optic links, providing gigabit internet to homes and businesses in remote regions .
- o Digicel: Offers regional and international connectivity, with advanced undersea fiber-optic infrastructure capable of supporting high-speed data and enterprise applications .

Notes on Manufacturers

While ENet and Digicel are the operators and implementers of these networks, the specific manufacturers of the 10 Gigabit optical cables used in these projects are not publicly disclosed in the available sources. Typically, submarine and high-capacity terrestrial fiber-optic cables are supplied by specialized global manufacturers such as SubCom, Prysmian Group, or Nexans, but confirmation for Guyana's deployments would require direct inquiry with ENet or Digicel.

Summary

Guyana now has high-speed 10 Gigabit-capable fiber-optic infrastructure connecting both coastal and hinterland regions, primarily through ENet's domestic submarine cable to Bartica and Digicel's Deep Blue One undersea network. These projects significantly enhance internet access, support 5G deployment, and enable economic and digital development, though the exact cable manufacturers remain unspecified .



Guyana 10 Gigabit Optical Cable Manufacturer

- PM Phillips says no region will be left behind in Guyana's digital transformation IN a ground-breaking development

IN a ground-breaking development for Guyana's hinterland connectivity, Prime Minister Brigadier (Ret'd) Mark Phillips

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GTT launched Guyana's first submarine fibre optic cable in early 2000 under the brand name "emagine". But the

Their focus on advanced processes and capacity scaling supports major national broadband and 5G rollouts. Conclusion: Harness

The Guyana Telephone and Telegraph's (GTT) fibre optic cable rollout is now in 100,000 homes. This was disclosed

General Cable provides high-performance fiber optic, copper, and coaxial cable solutions for telecom and industrial applications

Learn about GIC 's Terrestrial Optical Fiber Network Ring in Guyana. A project dedicated to providing high-speed, reliable digital

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We started as pioneers in fiber optic communication by innovating the most reliable, high-performance fiber

At the forefront of innovation, our newly unveiled DeepBlue One subsea infrastructure interlinks French Guiana, Suriname, Guyana,

Internet & Cable There is a growing number of Internet providers in Guyana since the service is not privatized. Similar to other



Guyana 10 Gigabit Optical Cable Manufacturer

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Following a successful partnership in 2019 on Kanawa with SCF, Orange decided to join forces with Digicel in order to extend Deep

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