

Guyana Fiber Optic Cable Tunnel



AI Overview

Guyana's first direct submarine fiber-optic cable to Bartica connects the hinterland to high-speed digital infrastructure, bridging the digital divide between the coast and interior. Overview Guyana has recently commissioned a multi-billion-dollar submarine fiber-optic cable linking Bartica, a key gateway to the interior, directly to the national fiber-optic backbone operated by ENetworks (ENet) . This project represents the first-ever direct fiber connection to the hinterland, providing gigabit-speed internet and 5G mobile coverage to residents, businesses, and public institutions . The initiative is part of the Government of Guyana's Digital Guyana strategy, aimed at modernizing ICT infrastructure and promoting inclusive digital development . Technical Details The cable traverses two major rivers, the Demerara and Essequibo, and navigates challenging terrain to reach Bartica . It integrates with ENet's extensive fiber-optic backbone, which now spans seven of Guyana's ten administrative regions, making it the only operator to run submarine fiber cables to Regions 2 and 7 . The infrastructure supports full fiber-to-home gigabit speeds and robust mobile connectivity, enabling coastland-level digital services in the hinterland . Impact and Benefits The fiber-optic tunnel significantly enhances digital inclusion, allowing Bartica residents to access high-speed internet comparable to Georgetown . Key benefits include: Education: Students can access real-time digital learning resources and online educational platforms. Commerce: Small businesses can expand operations beyond regional boundaries, leveraging e-commerce and digital services. Public Services: Government services, including licensing, tax support, and financial services, can now be delivered locally, reducing the need to travel to Georgetown . Economic Diversification: The cable supports smart public services, digital entrepreneurship, and broader economic opportunities . Strategic Significance Prime Minister Mark Phillips highlighted the project as a technical and national achievement...

Article Content

PM Phillips unveils 1st direct submarine fibreoptic cable to Bartica ...

-lauds ENet for ground-breaking initiative Prime Minister Brigadier (Ret'd) the Honourable Mark Phillips hailed the commissioning of the first direct submarine fibre-optic cable to Bartica as a

ENet completes multi-billion-dollar submarine cable project to Bartica

ENet has completed a transformative multibillion dollar telecommunications project, landing the first ever direct submarine fiber-optic cable to Bartica. This pioneering investment brings

How to Protect Fiber Optic Cable Outside: A Complete

Fiber optic cables enable high-speed, long-distance data transfer, forming the backbone of modern communication. Yet, outdoors, they face

ENet Completes Submarine Cable to Bartica

This pioneering investment brings state-of-the-art fiber connectivity and 5G mobile service to the hinterland town, connecting Bartica directly to ENet's fiber-optic backbone, which is the

Amendments to Petroleum Act paves way for gas-to-shore project,

ExxonMobil's Guyana subsidiary, Esso Exploration and Production Guyana Limited (EEPGL) has intentions to bring a state-of-the-art fibre optic cable system to shore. According to

E-Networks plugs \$1.2B into boosting internet services in Essequibo

A vessel offshore installing submarine fiber optic cable "With these new services, E-Networks looks forward to connecting more persons to the transformational power of the internet,

Fibre-optic cable to be fully rolled out by July – Project Manager

By Danielle Campbell Project Manager of the E-Governance Unit, Alexei Ramotar said the laying of fibre-optic cable to improve Guyana's telecommunications sector and ensure connectivity in

LSZH Flame Retardant GYTA33 Fiber Optic Cable SWA Steel Wire

LSZH Flame Retardant GYTA33 Fiber Optic Cable SWA Steel Wire Armored Tunnel Vertical Shaft Outdoor Low Smoke Optical Cable

ENet commissions fibre-optic cable at Bartica

Prime Minister Mark Phillips on Wednesday hailed the commissioning of the first direct submarine fibre-optic cable to Bartica as a transformative

Best Direct Burial Fiber Optic Cable Solutions for Harsh Environments

Direct burial fiber optic cables are engineered for outdoor deployments where protection against moisture, UV exposure, abrasion, and physical impact is essential. This guide highlights five

Kajima Launches Fiber-Optic Highway Monitoring Trial

The pilot connects newly installed sensing fibers on bridges, tunnels and culverts to existing expressway communication cables, enabling a single

Types Of Optical Fiber Cable: Duct, Aerial, Armoured & Unarmoured ...

Optical fiber cable types explained — uni-tube vs multi-tube, armoured vs unarmoured, duct & aerial, up to 144 fibres. Construction and uses from Systematic Ltd, India.

Bartica's first-ever fibre-optic cable connects people to opportunity

The fibre-optic rollout to Bartica provides fast gigabit internet directly to homes and introduces 5G mobile connectivity, connecting the community to Guyana's largest fibre-optic network,

GTT to invest GY\$10 billion in further expanding fibre

Prime Minister Mark Phillips (left) and GTT's Chief Operating Officer for Home and Fixed Solutions, Eshwar Thakurdin. The Guyana Telephone and

Guyana's ENet connects Bartica to its fiber backbone

Guyana telco ENet says it has completed a multibillion-dollar subsea cable connecting the town of Bartica - billed as the gateway to Guyana's interior - to its fibre-optic backbone.

100M/328FT Outdoor Armored LC to LC Fiber Optic Cable, 4 Core

About This Industrial-Grade Durability: Engineered with a rugged 5.0mm industrial TPU jacket and dual-layer armor (steel tube + stainless mesh), this LC to LC fiber optic cable resists water, UV,

LIVORA 75M/246FT Outdoor Armored LC to LC Fiber Optic Cable, 4

About This Industrial-Grade Durability: Engineered with a rugged 5.0mm industrial TPU jacket and dual-layer armor (steel tube + stainless mesh), this LC to LC fiber optic cable resists water, UV,

Draka FireTuf Fire Resistant Fibre Optic Cable

This FireTuf fibre range is fully compliant with fire resistant standards IEC 60331-25 and flame retardant standards IEC 60332-2-3-24C, guaranteeing the cables

Latest submarine fibreoptic cable to add 13 terabytes of capacity this ...

Prime Minister, retired Brigadier Mark Phillips has announced that the latest submarine fibre optic cable, undertaken by Digicel Guyana, will add a hefty 13 terabytes of capacity – far greater

Bartica goes high-speed: First submarine fibre-optic

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

Fiber Optic Sensor Cables for Advanced Monitoring | AP Sensing

Advanced Monitoring Technology Fiber optic sensor cables are the key enabler for real-time monitoring of temperature, strain, and acoustic signals across diverse and challenging environments.

Bartica goes high-speed: First submarine fibre-optic cable

– PM Phillips says no region will be left behind in Guyana's digital transformation IN a ground-breaking development for Guyana's hinterland connectivity, Prime Minister Brigadier (Ret'd)

How Ukraine is Adapting to the Threat of Fiber-Optic

Ukrainian servicemen share insights on adapting to fiber-optic drones, their capabilities, and countermeasures employed on the battlefield.

ENet completes multi-billion-dollar submarine cable

This pioneering investment brings state-of-the-art fiber connectivity and 5G mobile service to the hinterland town, connecting Bartica directly to

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