

Brazil High-Speed Optical Cable Project



AI Overview

Brazil is advancing multiple high-speed optical cable initiatives, including domestic submarine networks, Amazon riverbed deployments, and a proposed BRICS international cable to enhance connectivity and digital sovereignty.

Campos Basin Optical Cable

The Petrobras Campos Basin project involves a 440 km repeaterless trunk-and-branch fiber optic system linking 12 oil and gas platforms to landing stations in Anchieta, Espírito Santo, and Barra do Furado, Rio de Janeiro. The system uses advanced repeaterless technology with Remote Optically Pumped Amplifiers (ROPA) and Raman amplification, modernizing connectivity for Petrobras and enabling future platform expansion. Pioneer Consulting is providing engineering, marine route survey, and installation oversight, with service expected by early 2025 .

Norte Conectado Program

In northern Brazil, the Norte Conectado Program aims to improve communications infrastructure and network resilience across the Amazon region. Prysmian Group is supplying 770 km of MINISUB repeaterless submarine fiber cables connecting Macapá to Santarém and Alenquer. The project will serve 9.2 million households and is designed to minimize environmental impact by deploying cables along riverbeds using non-intrusive techniques. The high-fiber-count cables are manufactured in Germany and deployed in four separate links to ensure reliable data flow .

Belem-Fortaleza Subsea Network...

Article Content

May 10, 2026

ZTT to supply cable for Brazil river fibre project

ZTT International Submarine Cable & System has been hired as the cable supplier for three stretches of the Brazilian

Aug 05, 2025

Brazil Optical Fiber Cable Market Research Report, 2028

The Brazil Optical Fiber Cable market is expected to add more than 51.56 Million by 2028, Increasing demand for high-capacity

Jun 22, 2026

Global Fiber to build subsea "festoon" network off the

Brazilian fiber optic firm Padtec was founded in 2001 and said it has more than 40 points of

Sep 03, 2025

Lightera invests R\$ 30 million to produce new fiber optic technologies ...

Lightera is a communication infrastructure solutions industry with headquarters in Curitiba/PR and other plants in Sorocaba/SP and

Mar 20, 2026

Brazil Amazon River Fiber Internet Colombia Peru 2026 | The Rio Times

What is the Amazon river fiber project? It is Brazil's Norte Conectado programme, which lays fibre-optic cable along the

Feb 04, 2026

Brazil Optical Fiber Cable Market Overview, 2028

The Brazil Optical Fiber Cable market is expected to add more than 51.56 Million by 2028, Increasing demand for

Feb 14, 2026

Global Fiber taps Padtec, Satelital for subsea cable off Brazilian ...

Peru-based telecoms operator Global Fiber says it has selected Brazilian fibre-optic vendor Padtec and Peruvian

Aug 19, 2025

New fiber optic cable will accelerate scientific cooperation between ...

New fiber optic cable will accelerate scientific cooperation between Brazil and Europe
Brazil - Europe EllaLink, a fiber optic cable that

Mar 30, 2026

Fibre and FTTP in Brazil in 2025

This programme recently delivered a sub-Amazon fibre trunk cable connecting
northern Brazil and Colombia, which entered service

Dec 15, 2025

Brazil aims to connect millions in the country's north to

An ambitious Brazilian project that aims to bring broadband connectivity to around a
million

Jul 11, 2026

NEC and Nokia Lead Eletronet Optical Fiber Network

NEC Corporation and Nokia are advancing the Eletronet optical fiber network
expansion in

Sep 14, 2025

Pioneer Consulting Selected to Support Deployment of Petrobras''

The 440km repeaterless trunk-and-branch system will link 12 oil and gas production
platforms with two cable landing

Apr 10, 2026

Brazil Fiber Optic Cable Market 2023-2030

In the Brazil Shrink Sleeve Labels Market At present, rollable ribbon fiber optic
technology is unique in the nation

Apr 21, 2026

Brazil and France launch pioneering subsea infrastructure to connect ...

The projects – part of the IDB Group's Amazonia Forever program and the European
Union's Global Gateway – will

Feb 23, 2026

NEC and Nokia to Expand Eletrone's Optical Fiber Network in Brazil

NEC and Nokia expand Eletronet's optical fiber network in Brazil by 50%, adding
8,000 km and enabling 1.2 Tb/s

Apr 06, 2026

NEC and Nokia to Expand Eletronet's Optical Fiber Network in Brazil

With the flexible optical grid, Eletronet can transport more data over the same fiber, enabling these ultra-high speeds

Jun 26, 2026

Subsea Fiber Optic Cable Systems for Offshore Energy

Pioneer Consulting, a subsea fiber optic telecommunications consulting and project management

Jan 27, 2026

Brazil Reignites BRICS Submarine Cable Project with

Brazil has officially proposed conducting a Technical and Economic Feasibility Study in 2025

Sep 22, 2025

Prysmian Group: all set to supply submarine telecom cables for the ...

Through this strategic project, Prysmian Group directly enables the connectivity across 59 municipalities located in northern Brazil,

Oct 30, 2025

The Cable That Skipped America

The Cable Itself The system links major hubs including São Paulo and Fortaleza in Brazil with Lisbon and Madrid in

May 01, 2026

Pioneer Consulting to support deployment of Petrobras' fiber-optic ...

Pioneer Consulting, a submarine fiber-optic telecommunications consulting and project management company, has been contracted

Feb 20, 2026

Pioneer Consulting Selected to Support Deployment of Petrobras'

Pioneer Consulting, the full-service submarine fiber optic telecommunications consulting and project management

Mar 10, 2026

Fiber-optic cables in riverbeds expand Amazon connectivity

An unprecedented engineering project is installing kilometers of submerged fiber-optic cables in a region marked by

Jul 07, 2026

Twelve carriers selected for second section of Brazil's Amazon fibre ...

The Brazilian government has qualified 12 companies to operate the second section of Norte Conectado, an Amazon

May 03, 2026

9 subsea cable projects redefining Latin America's

As the demand for high-speed internet and reliable digital connectivity continues to surge,

Dec 08, 2025

Bringing the broadband into the depths of Amazon region | Prysmian

Prysmian will provide 400 km of optical cables to connect 12 municipalities in the Brazilian state of Pará, linking 600,000 people with

Jul 08, 2026

V.tal Announces Project for New Synapse Submarine Cable

V.tal, the largest neutral digital infrastructure company in the Americas, has announced the project for the construction

Nov 13, 2025

Pioneer Consulting Selected to Support Deployment of Petrobras"

HOBOKEN, NJ, October 1, 2024 – Pioneer Consulting, the full-service submarine fiber optic telecommunications consulting and

Apr 19, 2026

Brazil joins Chile in building first fiber optic cable to

Fiber Optic Cable: Brazil's foreign and communications ministries said in a joint statement

Sep 01, 2025

Gov't unveils Brazil-Europe submarine cable project

Brazil's Minister of Communications Fábio Faria (pictured above) unveiled a project including a submarine optical fiber

Oct 27, 2025

Nexans Connects Brazil to Cameroon via SAIL Fibre Optic Project

Nexans has manufactured and tested 6,000 km of submarine fibre optic cables for the South Atlantic Inter Link (SAIL)

Dec 22, 2025

Brazil High-Speed Optical Interconnects Market Expansion and

The Brazil High-Speed Optical Interconnects Market market is comprehensively segmented by product type, application, end-use

Contact Us

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