

Is there any data on international optical cables



Overview

OpenFiberMap aggregates open-licensed datasets (AfTerFibre, OFDS, PeeringDB, and others) into a single interactive globe, visualizing routes by capacity tier, operational status, and operator. The exchange of data in the blink of an eye has become a given in much of the world – and yet we rarely pause to think about what makes it all possible: a complex global network of cables in the depths of the ocean that silently connects us. In the modern information age, undersea cables have. Internet Exchange Point — neutral facility where networks interconnect and exchange traffic. Use the controls at the top to play the animation or step through year by year. ” Physical glass cables on the ocean floor carry the bulk of intercontinental traffic—which is why chokepoints and cable cuts can slow (or sometimes partially disrupt) entire regions. As digital economies expand and geopolitical tensions shape technological dependencies, undersea cables emerge not. More than 99% of international data traffic travels through these subsea cables, which remain the most efficient way to send information across the ocean.



Article Content

Jan 05, 2026

Global Undersea Internet Cables: Economic Leverage and Strategic ...

Undersea fiber-optic cables form the foundations of global internet connectivity, transmitting over 99% of international

May 17, 2026

International Section

It is a common misconception that most global communication is accomplished via satellite. In fact, over 95 percent of international

Oct 22, 2025

Internet Infrastructure Map (2026)

Explore the physical backbone of the internet with our interactive map of undersea fiber optic cables, peering exchange points, and

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Invisible highways: The vast network of undersea cables powering our ...

The exchange of data in the blink of an eye has become a given in much of the world – and yet we rarely pause to

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Global Fiber Optic Cable Growth Analysis

Fiber Optic Cable Market Size 2024-2028 The fiber optic cable market size is forecast to increase by USD 11.28 billion at a CAGR of

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CRU's data centre forecasting for optical fibre and cable

Optical cable and DWDM options needed for higher speeds Single-mode fibre is the primary

Jul 22, 2026

Optical Communication Systems and Networking Market

The optical signal is then received and converted back into its original form of information at the destination. The

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OpenFiberMap — Global Fiber Optic Network Map

Free, open-source, interactive 3D map of the world's terrestrial fiber optic networks. Browse routes, IXPs, data centers, and landing

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Diversifying global communications beyond submarine cables

Submarine cables carry more than 95% of international data 1, enabling real-time communication, multinational

Sep 01, 2025

How does fiber optics work?

An easy-to-understand introduction to fiber optics (fibre optics), the different kinds of fiber optic cables, and how light

Sep 13, 2025

Submarine Cables: Critical Infrastructure for Global Communications

Submarine cables play a critical role in global interconnected networks, carrying about 99 percent of international communications

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International Trade in Data on the Subsea Internet Cable Network

TeleGeography collects data on subsea cables, not terrestrial cables, and we are not aware of systematic data on terrestrial cables.

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Fiber-optic cable

Fiber-optic cable A TOSLINK optical fiber cable with a clear jacket. These cables are used mainly for digital audio connections

Nov 29, 2025

Submarine Cable Map 2025

Driven by the dedication of its top-notch professionals who tirelessly work to enhance the company's international infrastructure, and

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World Internet Cable Map: How the Internet Connects the World (2026)

See the world internet cable map and learn how global internet connections actually work. Updated visuals show undersea cables,

Jun 20, 2026

Interactive Map Depicts Global Submarine Cable Networks

This regularly updated interactive map shows submarine fiber-optic cable systems around the world, both current and

Jun 26, 2026

Fiber Atlantic

This interactive submarine cable map shows the global undersea fiber optic cables connecting world. Explore cable routes, landing

Sep 27, 2025

Chinese International Optical Cable Interconnection

Submarine Optical Cables Vital for International Communications The earth's geography necessitates submarine optical cables for

Apr 03, 2026

Fiber Optic Cable Market Size

Fiber Optic Cable Market Analysis by Mordor Intelligence The Fiber Optic Cable Market size was valued at USD

Mar 03, 2026

Optical Communication Systems and Networking Market

Additionally, there are various technologies, such as synchronous optical network sonet & fiber channel and dense

Apr 04, 2026

Global Submarine Cable Network | The Geography of Transport Systems

As was the case in the 19th century, submarine cables are laid by ships and thus capital-intensive projects. The development of fiber

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Submarine Cable Map

The Submarine Cable Map is a free and regularly updated resource from TeleGeography. TeleGeography's

Aug 31, 2025

CRU's data centre forecasting for optical fibre and cable is now live ...

Following an extensive consultation period with the industry and senior leaders across CRU, we have published the

Apr 17, 2026

White Paper on China International Optical Cable Interconnection

International optical cables are vital to global communications. With the vast majority of international data transmission occurring

Nov 08, 2025

Trends & developments for optical fibre cables in the datacentre industry

After an extensive consultation with industry experts and senior leaders, we have published the results of a

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