FRINDEL OPTICS

Countries along global optical cable routes

Overview

Fibre-optic Link Around the Globe (FLAG) is a 28,000-kilometre-long (17,398 ; 15,119) mostly- that connects the,,, and many places in between. Consider the biggest corridors: the transatlantic links between the US and Europe; the transpacific routes between the US and East Asia; the high-capacity ring between Japan, Korea, Hong Kong, and Singapore; the Europe-Asia systems via the Indian Ocean; and the Africa-Europe. The Submarine Cable Map is a free and regularly updated resource from TeleGeography. 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. This page is designed to answer a simple question: what does the world internet cable map actually look like, and how. Explore the physical backbone of the internet with our interactive map of undersea fiber optic cables, peering exchange points, and more.

Countries along global optical cable routes

Twenty-thousand leagues under the sea - why sub-sea

Nearly all international internet traffic - from cloud workloads to streaming video - voyages along a handful of submarine fibre-optic cable highways.

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Submarine Cable Map , Interactive Global Undersea

This interactive submarine cable map shows global undersea and underwater fiber optic cables connecting continents and countries worldwide. Explore cable

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Fiber Map of the World 2026

Fiber maps visualize the global network of fiber optic cables, showcasing how data moves across continents and under oceans. Telecommunications providers rely on these maps to optimize routing,

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Submarine Cable Map

Cables shown include international and US domestic submarine cables with a maximum upgradeable capacity of at least 5 Gbps. Cable routes are

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Submarine Cable Map

TeleGeography's comprehensive and regularly updated interactive map of the world's major submarine cable systems and landing stations.

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Map: The World's Network of Submarine Cables

Satellites get all the glory, but 99% of the world's data actually flows through a vast network of fiber optic submarine cables.

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Map Shows All The Fibre Optic Cables Under The

Laid along the ocean floor, underwater fiber optic cables undergo meticulous installation processes. Ships equipped with specialized equipment are

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Learn about the best infrastructure map of the internet

View information about key internet infrastructures including fiber optic submarine cable systems, terrestrial fiber networks, internet exchange points and data

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Google's subsea fiber optics, explained

Today, a single cable can deliver a whopping 340 Tbps capacity; that's more than 25 million times faster than the average home internet connection.

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Ocean Internet Cables: Connecting Continents with

Explore the world beneath the waves with EarthLink. Learn how fiber optic cables span oceans, connect continents, and power the global internet.

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Fibre-optic Link Around the Globe

OverviewDescriptionSegments and landing pointsDisruptionsGCHQ interceptionSee also

Fibre-optic Link Around the Globe (FLAG) is a 28,000-kilometre-long (17,398 mi; 15,119 nmi) fibre optic mostly-submarine communications cable that connects the United Kingdom, Japan, India, and many places in between. The cable is operated by Global Cloud Xchange, a subsidiary of RCOM. The system runs from the eastern coast of North America to Japan. Its Europe-Asia

segment was the fourth longest cable in the world in 2008.

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Global Internet & Submarine Cables Map

Submarine cables are vital components of the global telecommunications infrastructure, consisting of fiber-optic cables laid on the

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Interactive Map of Submarine (underwater)

These paths are chosen after comprehensive marine surveys that select routes to avoid hazardous conditions, which could potentially damage a cable. How do

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Global Optical Fiber Network

This data is provided for visualisation of the current existing fibre optics cable network in Sight Africa. Cables shown on include international submarine cables with a maximum upgradeable

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Internet Infrastructure Map

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

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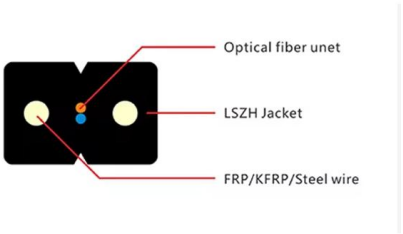

The greatest network the world has ever seen: The

Bundles of undersea fibre optic cables connecting continents form the backbone of the internet - a network that now connects more than half the world

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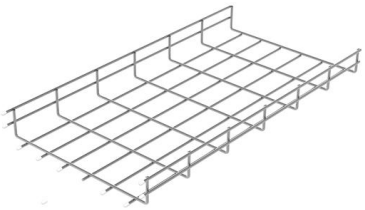

Twenty-thousand leagues under the sea - why sub-sea

Nearly all international internet traffic voyages along a handful of submarine fibre-optic cable highways. They make terrestrial cross-border links

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In at the deep end: how subsea fibre optic cables keep the world

Subsea fibre optic cables carry the world's data across continents in an instant. Here's why they're so important to global

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Global Internet & Submarine Cables Map

This web map addresses the critical relationship between submarine cables, landing stations, and internet user distribution, aiming to provide a

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World Internet Cable Map: How the Internet Connects

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

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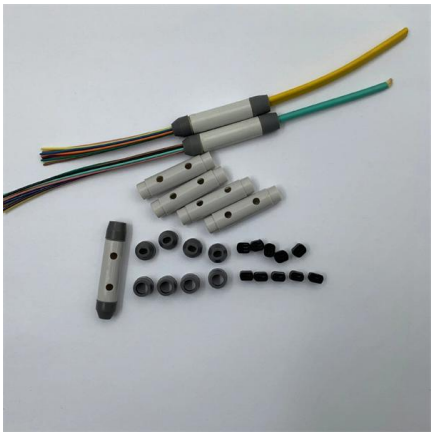

ITU

Is the ITU building in Geneva Switzerland within 10 km of a fibre node? Start measuring on the map to see calculations here. Analyze network nodes within a 10 km radius using our automated API

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How the Internet Connects Across Countries and

The internet connects countries and continents primarily through submarine fiber optic cables that run under oceans. These high-capacity cables

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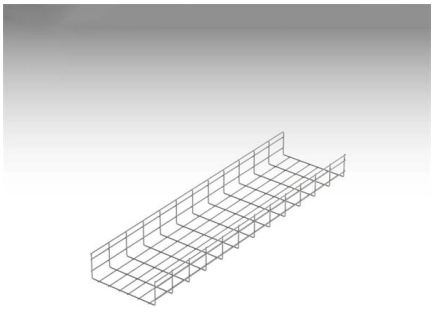

Grid Cable for marine and offshore applications

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For datasheets, pricing, or custom fiber access solutions, please visit: https://frindel.es