

## Fiber Optic Cable Landing Point



### Overview

This interactive submarine cable map shows global undersea and underwater fiber optic cables connecting continents and countries worldwide. Explore cable routes, landing stations, system status and infrastructure updates. The landing will either be direct (in the case of a point-to-point cable system). Cable landing stations connect subsea cables to terrestrial networks, housing critical equipment that separates power & fiber paths for global data transmission. Open, carrier-neutral facilities enable competitive backhaul options while modular designs allow efficient deployment in diverse coastal. A CLS is a facility, usually located along a coastline or shoreline, responsible for taking data from a subsea cable and connecting it to terrestrial infrastructure. Use the controls at the top to play the animation or step through year by year.



## Article Content

Algeria Announces New Undersea Cable Link to Meet Soaring Data ...

Algeria to connect new undersea fibre-optic cable, minister says Project aims to boost internet speeds amid rising data demand Move supports digital transformation, expanding broadband capacity

Cables, Adapters, Fiber, Network Add-ons & Tools | Computer Cable

Cables, Adapters, Fiber, Network Add-ons & Tools This 20m Multimode Duplex OM4 Fiber Optic Patch Cable (50/125) - LC to LC has ceramic ferrules and a 50/125 micron core, this cable is suitable for

Fiber-optic drones for Iran: how Putin's plan against the US reveals a ...

The main feature of these drones is fiber-optic control. Such devices are connected to the operator not by a radio channel, but by a physical fiber-optic cable. This sharply reduces the

Subsea Landing Station Fiber Automation | Shore-End Recovery

Subsea cable landing stations sit at the edge of the global internet. Every transoceanic fiber pair eventually surfaces here, handing traffic from wet plant to DWDM terminal equipment and

EXA knowledge centre | Cable Landing Station (CLS)

A cable landing station, also known as a submarine cable landing station or a submarine cable station, is a facility located at the coastline where undersea

Installing Submarine Fiber Optic Cables: A Comprehensive Guide

The careful selection of the landing points, where the cable comes ashore, is vital too. These points are chosen for their accessibility, security, and proximity to existing infrastructure like

Cable landing point

A cable landing point is the location where a submarine or other underwater cable makes landfall. The term is most often used for the landfall points of submarine telecommunications cables and submarine power cables. The landing will either be direct (in the case of a point-to-point cable system) or via a branch from a main cable using a submarine branching unit. The branch can be several kilometres long.

Gulf Nations Push New Overland Data Routes to Europe

Gulf nations such as Saudi Arabia, Qatar, and the United Arab Emirates are investing in new overland fiber-optic routes to Europe to reduce reliance on vulnerable submarine internet cables

## Fiber Atlantic

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

Gulf states race to build overland data cables to Europe

Saudi Arabia, Qatar, and the UAE are financing competing data corridors through Syria, Iraq, and East Africa to bypass the two maritime choke

Digital Lifelines: Undersea Cables, Chokepoints, And

Submarine fiber-optic cables carry 95–99% of intercontinental data traffic, supporting financial markets, cloud computing, logistics, and government

Safeguarding Subsea Cables: Protecting Cyber Infrastructure amid

Subsea fiber-optic cables, a critical information and telecommunications technology (ICT) infrastructure carrying more than 95 percent of international data, are becoming a highly

Fiber-optic cable

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but containing one or more optical fibers that are used to

Strait of Hormuz: Iran war threatens global internet connectivity as ...

Major cables through the Strait of Hormuz include the Asia-Africa-Europe 1 (AAE-1), connecting Southeast Asia to Europe via Egypt, with landing points in the UAE, Oman, Qatar, and

Beneath the Strait: Iran Could Threaten Gulf Data Centers, Undersea Cables

Saudi Arabia's stc Group, majority-owned by the Saudi Public Investment Fund (PIF), is investing \$800 million in SilkLink, a 4,500 km (2,796 mi) fiber optic cable network, submarine cable

Submarine communications cable

7 – Petroleum jelly 8 – Optical fibers Submarine cables are laid using special cable layer ships, such as the modern René Descartes , operated by Orange

Landing Sites – Trevor Paglen

As part of a larger project looking at the material infrastructures of the internet and mass surveillance, I located and photographed some of the primary “choke points” on the internet

Submarine Cable FAQs

Submarine Cable 101 How many cables are there? As of 2026, we track more than 600 active and planned submarine cables. The total number of active cables is

## Online Bulk Cable Company | CableWholesale

As a premier online bulk cable company, CableWholesale carries a large inventory of computer cables, USB, HDMI, fiber optic, VGA cables, and more. Shop now!

## Cable Landing Station Ops in the Arctic | Quintillion

As a leading provider of broadband, satellite ground station services, and cloud connectivity, Quintillion has demonstrated immense expertise, preservation, and

Hormuz digital chokepoint: How undersea cables underpin Gulf's AI ...

As Gulf states push billions into AI and digital infrastructure to diversify from oil, their ambitions depend on subsea fibre-optic cables concentrated near the Strait of Hormuz.

What is a cable landing station?

What is a cable landing station facility? The CLS carries traffic from subsea cables to infrastructure, such as satellite links,

Iran-linked outlet maps Gulf undersea cables in apparent warning to ...

Iran's state-affiliated Tasnim News Agency has published a detailed map of undersea internet cables running through the Strait of Hormuz, framing the waterway's fiber-optic infrastructure

## Oceans of Data: The Subsea Cable Projects That

Throughout 2025, Subsea Cables by Telecom Review covered more than 70 submarine cable-related projects, landings, upgrades, feasibility

## Internet Infrastructure Map (2026)

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

## From Oil to Internet: Iran Eyes Control Over Strait of Hormuz Data Cables

Several fibre-optic cables snake across the seabed of the strait, connecting countries from India and Southeast Asia to Europe via the Gulf states and Egypt. WHAT MAKES UNDERSEA

## Fiber-optic submarine cables: The deep-sea datalinks

Beneath the mighty oceans across the world lie hidden something just as mighty: The submarine cables that have been carrying data traffic around

## Fiber Optic Expansion in East Africa: The Infrastructure ...

Companies that buy capacity at the submarine cable landing points and resell into national networks, IXP (Internet Exchange Point) operators, and regional transit providers — this layer

## Contact Us

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