

The longest international optical cable



Overview

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 former subsidiary of RCOM. Meta is building something massive — Project Waterworth, a subsea fiber-optic cable stretching 50,000 km across five continents. That's longer than Earth's circumference. and it could cost up to \$10 billion. What Makes It Special Scale: 24-fiber-pair capacity, far bigger than most existing cables. A submarine communications cable is a cable laid on the seabed between land-based stations to carry telecommunication signals across stretches of ocean and sea. The high-capacity, fiber-optic cable that will link five continents will span a fantastic 31,000 miles (50,000 km) – for reference, the circumference of the Earth is 24,901 miles. 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.



Article Content

Fibre-optic Link Around the Globe

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

Interesting Facts on Optical Fibre and Optical Fibre

Figure 1: Interesting Facts on Optical Fibre and Optical Fibre Cable It has also modernised businesses and altered their perspective on operational

A 10,000 km Long Undersea Cable: The U.S. Is About to Set a World ...

Known as the Waterworth Project, this ambitious endeavor will stretch over 50,000 kilometers across five continents, surpassing any existing undersea cable by a staggering 10,000

unsupervised_topic_modeling/topics/en/17/100/100/topics at ...

Contribute to annontopicmodel/unsupervised_topic_modeling development by creating an account on GitHub.

Global Fiber Optic Cable Market Analysis | OPELINK

The fiber optic cable industry is witnessing a structural transformation from a cyclical commodity market to a technology-driven growth sector, with premium fibers commanding 20-30%

World's longest subsea cable completed: Meta's 2Africa

Meta and its consortium partners have completed the core 2Africa subsea cable system, marking a major milestone in what is set to become the

Submarine communications cable

The first submarine communications cables were laid beginning in the 1850s and carried telegraphy traffic, establishing the first instant telecommunications links

The Longest (and Most Expensive!) Cable Ever

Meta is building something massive — Project Waterworth, a subsea fiber-optic cable stretching 50,000 km across five continents. That's longer than

World's longest subsea cable lands in Djibouti, East Africa

Meta's 2Africa subsea cable has landed in Djibouti City, Djibouti. Djibouti Telecom announced on 13 May that the country's 9th subsea cable,

The World's Longest Fiber Optic Cable?

SEA-ME-WE3, which stands for South-East Asia – Middle East – Western Europe 3, is a submarine fiber-optic telecommunications cable that links these regions, even extending to Australia

Meta's Project Waterworth: The World's Longest Subsea Cable Connecting ...

It's called Project Waterworth. If successful, it will be the longest subsea cable in history, connecting five continents— Africa,

The World's Longest Submarine Cable 2Africa Just Landed in Marseille

The 45,000 km long 2Africa cable has just been connected to the Port of Marseille and will connect 33 countries on 3

7A hollow-core fiber cable just carried 51.3 Tb/s across 200 km

Conducted jointly with China Telecom and optical equipment maker Dekoli, the test ran on the world's longest cross-border commercial HCF cable. The result sets a new world...

Fiber Map of the World 2026

Submarine and terrestrial fiber optic cables form the backbone of modern global communication, carrying data across continents at incredible speeds. These networks enable internet access,

World submarine cables & international bandwidth

Submarine cables are part of the Internet's "backbone". Most of the world's Internet traffic travels over these cables connecting continents and

WORLD WIDE WEB JOURNAL Home

By clicking download, will open to start the export process. The process may take but once it finishes a file will be downloadable from your browser. You may continue to browse the DL while the export

Subsea Cables: The Invisible Fiber Link Enabling the

Submarine cables are the backbone of the internet carrying 99% of international traffic and are underwater ocean links known as subsea and undersea cables.

Invisible highways: The vast network of undersea

Across the globe, there are over 500 commercial submarine cables, linking continents, markets, and households. Relatively thin and roughly the

Global Wire and Cable Industry Review 2025 and

Analysis of the global wire and cable market in 2025 with a 2026 outlook, focusing on export markets, investment trends, key regions, and growth

Longest telephone cable

The worlds longest submarine telephone cable is FLAG (Fibre-optic Link Around the Globe), which runs for 27,000 km 16,800 miles from Japan to the United Kingdom. It links three continents (Europe,

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://energy-powertools.eu>

Email: info@energy-powertools.eu

Phone: +49 172 6389472

Address: Musterstraße 12, 10115 Berlin, Germany

This document is for informational purposes only. Specifications subject to change without notice.

