

Meta Optical Cable Project



Overview

Meta, the parent company of Facebook, Instagram, and WhatsApp, is reportedly planning to build its first fully owned, large-scale fiber-optic subsea cable extending around the globe., India, Brazil, South Africa, and other key regions across the five major continents, spans over 50,000 km (longer than the Earth's circumference), making it the world's longest subsea. Meta, the parent of Facebook, Instagram, and WhatsApp, is the second-biggest driver of internet usage globally. Its properties — and their billions of users — account for 10% of all fixed and 22% of all mobile traffic. The project aims to enhance control over internet infrastructure, as Meta seeks to support its extensive user base. Meta and its consortium partners have completed the core 2Africa subsea cable system, marking a major milestone in what is set to become the world's longest open-access fibre optic network. The project, spanning over 40,000 kilometers, is expected to require an investment of more than \$10 billion.



Article Content

Waterworth

With Project Waterworth, Meta continues to advance engineering design to maintain cable resilience, building the longest 24 fiber pair cable project in the world and enhance overall

Meta plans to build a \$10B subsea cable spanning the world, sources

TechCrunch has confirmed with sources close to the company that Meta plans to build a new, major, fiber-optic subsea cable extending around the world — a 40,000+ kilometer project that

Meta plans globe-spanning sub-sea internet cable

Meta has announced plans to build a 50,000km (31,000 mile) sub-sea cable across the world. The tech giant said Project Waterworth - connecting the US, India, South Africa, Brazil and

The \$10 Billion W Cable That Could Give Meta Control Over

Meta Platforms Inc. plans to invest over \$10 billion in a new fiber-optic subsea cable that will span more than 40,000 kilometers around the globe, according to a TechCrunch report.

World's longest subsea cable completed: Meta's 2Africa set to ...

Meta and its consortium partners have completed the core 2Africa subsea cable system, marking a major milestone in what is set to become the world's longest open-access fibre optic network.

Facebook parent company Meta plans to build its own

Meta is planning to build a 40,000-kilometer fiber-optic subsea cable to span the entire length of the globe.

Meta is building the "mother of all" subsea cables

Meta is reportedly planning to build a world-spanning fiber-optic subsea cable for its own exclusive use to bolster the reliability of its products and online platforms.

How Meta's \$10B Submarine Cable Push Reshapes the Global Fiber

This project has major implications for fiber optics, Instrumentation Cables, Coaxial Cables, and even Fire Resistant cables, setting new performance, resilience, and standardization expectations across

TechCrunch: Meta to build \$10 billion Subsea Cable to manage its

Meta, the parent company of Facebook, Instagram, and WhatsApp, is reportedly planning to build its first fully owned, large-scale fiber-optic subsea cable extending around the globe. The

Meta reveals plan for 50,000km subsea fibre optic cable around the ...

Over 50,000km of subsea fibre-optic cables spanning the entire globe will be laid by technology giant Meta as part of a multi-year, multi-billion dollar project.

Meta is building the world's longest subsea cable:

Meta has announced plans to build the world's longest subsea cable in a bid to supercharge global connectivity and drive AI innovation. The cable,

Fiber Optic Cable Market Size, Share, and Trends Analysis 2033

The global Fiber Optic Cable market size was estimated at USD 13.90 Billion in 2025 and is estimated to grow at a CAGR of 10.2% from 2026 to 2033.

Meta's \$10 Billion Subsea Cable Project: Taking Control

This project is estimated to cost upwards of \$10 billion, and notably, Meta will be the sole owner and operator of the cable, marking a significant

Meta's Undersea Cable Project Skirts Conflict Zones

Meta's ambitious 50,000 km undersea cable project, Waterworth, aims to connect five continents with cutting-edge tech. But can it navigate

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

Project Waterworth Unveiled Meta's plan to span five continents is not a casual weekend project. According to early

Big Tech and the AI investment boom in underwater cables

Investment into new subsea cable projects is expected to reach around \$13 billion between 2025-2027. Tech giants Meta, Google, Amazon and Microsoft are investing in the cables as

Inside Meta's \$10B Plan to Build the Longest Subsea Cable in History

Meta's \$10 billion undersea cable is set to transform global connectivity, linking continents in a unique "W" shape while bypassing high-risk regions like the Red Sea.

Meta To Invest \$10B in Exclusive 40,000 km Subsea Cable: Report

Meta plans to invest over \$10 billion in a 40,000 km subsea fiber optic cable project, sources close to the company told TechCrunch.

Contact Us

Continue your research online:

Website: <https://jewelbluimages.co.za>

Technical inquiry: <https://jewelbluimages.co.za/contact.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

