

North Asia Optical Cable Laying



Overview

The 14,000-kilometer cable will significantly reduce the optical distance between Asia and Europe, thus minimizing the delay in data traffic. The plan is for the cable to be able to be used by the end of 2025. The costs for producing, laying, and landing the cable are approximately. Far North Fiber, also called Far North Fiber Express Route, is a proposed 14,000 km long submarine fiber-optic cable connecting Japan and Europe by traversing the Northwest Passage. 142ms Round-Trip Delay (RTD) from Tokyo to London. Our Arctic system shaves more than 50ms existing routes, creating a. In this context, the Asia Direct Cable (ADC) Consortium, whose members include leading information infrastructure companies such as CAT, China Telecom, China Unicom, PLDT Inc. ARTERIA is joining the earlier announced team of Cinia and Far North Digital as the leading Japanese partner to develop. Government-led broadband projects across markets in the Asia-Pacific region have reaped the fruits of success in recent years as optical fiber networks reach most households.



Article Content

Nov 25, 2025

Exclusive: China plans \$500 million subsea internet

SINGAPORE, April 6 (Reuters) - Chinese state-owned telecom firms are developing a \$500 million undersea fiber-optic internet cable network that would link Asia, the

Feb 28, 2026

The Strategic Future of Subsea Cables: Japan Case

Japan, an island nation dependent on subsea cables and a nexus for Asia-North America communications, faces many risks amid regulatory slog and

Aug 01, 2025

Top 12 Cable Laying Ships in the World - Maritime Education

Discover the top 12 cable laying ships shaping global connectivity and offshore infrastructure. Explore their advanced technology, real-world impact, and future potential in this in-depth guide.

Nov 19, 2025

Underwater Cable Laying

Underwater cable laying and inspection. Complete service; cable delivery, preparing landing conduits & ducts, pre-lay survey, laying cable, survey & burial.

Nov 20, 2025

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.

Jun 28, 2025

The Operation of Cross-Border Terrestrial Fibre-Optic Networks in Asia ...

5 common challenges found in their operations. The working paper then reviews the operation of submarine cable systems and proposes a solution for the common problems found in the operation

Sep 13, 2025

Connecting the Arctic While Installing Submarine Data Cables

Large-scale submarine fibre-optic cable projects intended to connect Europe, North America and East Asia often feature in professional discussions concerning the digitalisation of the European High

Mar 31, 2026

PLDT Completes Cable Laying for APRICOT's Branches to Baler and

PLDT announced that the company had successfully completed the cable laying for branches of the Apricot cable system in Baler in Aurora and Digos in Davao.

Dec 10, 2025

New trans-Arctic pathway for Asia-bound subsea cable

New trans-Arctic pathway for Asia-bound subsea cable After Finnish state-owned operator Cinia and Russian MegaFon earlier this year put on hold

Dec 13, 2025

Arctic fiber cable agreement

The companies Cinia and Far North Digital have entered into a contract to build a fiber optic cable for internet use and data transport that connects Europe and Asia through the Arctic.

Jan 02, 2026

Cinia And Arteria Networks To Lay Fiber Cable Linking

Finnish network solutions provider Cinia has partnered with Japanese infrastructure firm, Arteria Networks to build a fibre optic cable system linking

Aug 10, 2025

Optical Fiber Cable Market 2025

North America Optical Fiber Cable market size was estimated at USD 3139.39 million in 2023, at a CAGR of 3.26% during the forecast period of 2025 through

Mar 28, 2026

Asia Direct Cable: Case Studies | NEC

NEC has over 50 years of experience in optical submarine cables and has constructed some of the largest cable networks in service today. In total, it has

Jan 15, 2026

Far North Fiber moves ahead

ARTERIA Networks Corporation from Japan and Cinia Ltd from Finland announced a joint effort to build a fiber optic cable system linking Europe and Asia through the Arctic region.

Jun 18, 2026

Cinia and ARTERIA Sign MoU for Pan-Arctic Far North Fiber Subsea

Cinia and ARTERIA Networks Corporation have signed a Memorandum of Understanding (MoU) to build the Far North Fiber submarine fiber optic cable. The joint network will run from Japan, via the

Dec 10, 2025

APAC fiber deployment expands with national policies, telco strategies

Government-led broadband projects across markets in the Asia-Pacific region have reaped the fruits of success in recent years as optical fiber networks reach most households.

Aug 14, 2025

Fibre-optic Link Around the Globe

Cable burial was performed by either a submersible plough as the cable was laid, or jetting the laid cable into the sea bed via remotely operated vehicles (ROVs).

Jun 27, 2025

Cinia's subsea cable to connect Asia, Europe, and North America through ...

The cable will enhance Cinia's already comprehensive international connectivity services. Connectivity across Asia, Europe, and North America will improve and get more route

Jan 26, 2026

Arctic fiber cable agreement

The 14,000-kilometer cable will significantly reduce the optical distance between Asia and Europe, thus minimizing the delay in data traffic. The plan is for the cable to be able to be used by the end of 2025.

May 25, 2026

Cinia and Far North Digital to lay a new subsea cable to

On Tuesday, The Barents Observer reported that Far North Digital, an Alaskan company, started to build a new Arctic subsea cable in partnership

Nov 26, 2025

The Operation of Cross-Border Terrestrial Fibre-Optic Networks in

This working paper begins by describing and analysing five case studies of cross-border terrestrial fibre-optic networks in Asia and the Pacific and in Africa to draw out 5 common challenges found in their

Jul 23, 2025

Asia's Seabed Is a Hotbed of Cable-Laying Activity

The Asia-Pacific region is experiencing a significant rise in submarine cable activity, driven by increasing data demand and new projects.

Sep 18, 2025

AUG East Consortium and NEC to develop high-capacity submarine cable ...

Singtel and a group of leading telecommunications and tech companies today announced the signing of a contract with NEC Corporation (NEC; TSE: 6701) to build the Asia United Gateway

Mar 12, 2026

NORDUnet Plans to Build A Subsea Cable Connecting

NORDUnet plans to build the Polar Connect cable, a new subsea cable connecting Europe to Asia via the North Pole and Arctic Ocean.

Nov 01, 2025

Cable laying vessel Nexans Electra

Nexans Electra represents the pinnacle of cable laying technology, combining cutting-edge innovation with a commitment to

Apr 13, 2026

Asia Direct Cable: Case Studies | NEC

It eventually became clear that existing submarine communication cables in Asia would no longer be able to handle the continued increase in data traffic by around

Jan 16, 2026

Far North Fiber

Far North Fiber, also called Far North Fiber Express Route, is a proposed 14,000 km long submarine fiber-optic cable connecting Japan and Europe by traversing the Northwest Passage.

Contact Us

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