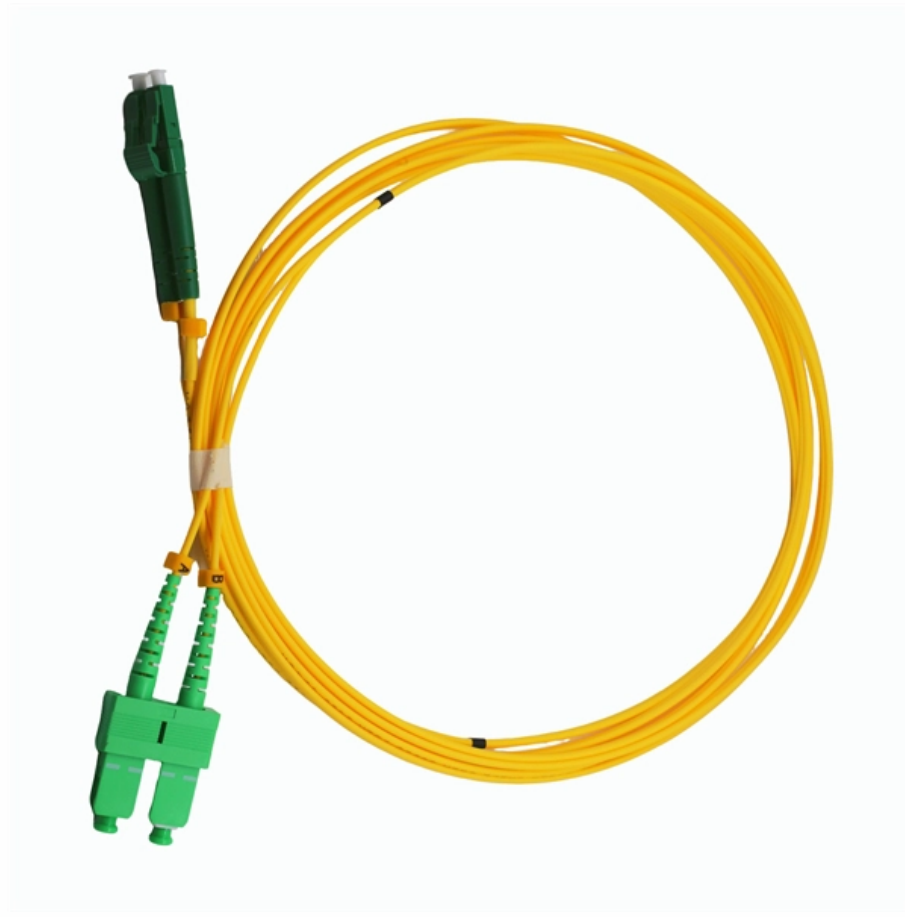


Indoor optical cable relocation project in Northern Europe





Overview

The IOEMA project is aiming to establish an AI-ready, high-capacity fibre optic connection between five key Northern European markets. HANOVER, MD – Sweden's Eastern Light, a company building a series of new, international, submarine fiber-optic cable routes in northern Europe, has selected Ciena's (NYSE: CIEN) GeoMesh solution to help meet the fast-growing demand for long-haul dark fiber in the region. Fiber Deployment in Europe 2025: Where We Stand and What's Holding Us Back As Europe pushes toward its Digital Decade 2030 targets, fiber deployment has become a national priority across the continent. But despite ambitious goals, progress in FTTx and FTTH infrastructure remains uneven. With the ongoing deployment of the mega capacity fiber cable from Luleå to Berlin and with more than 2500 km of new fiber optics put in the ground during this year's first quarter, GlobalConnect's 100,000 km fiber is the largest interconnected network in the region. The Polar Connect is a Northern European initiative to obtain secure and resilient connectivity through the Arctic to Asia and North America for Research, Development, Innovation and Education.



Indoor optical cable relocation project in Northern Europe



EXA Infrastructure Partners with IOEMA to Strengthen Northern Europe

From the cable landing station EXA will also provide critical backhaul connectivity to major data centers, including London Telehouse and Equinix. Launched in May 2024, IOEMA is a 1,600 km repeatered

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Europe Indoor Optical Cable Market By Type

The Europe Indoor Optical Cable Market is poised for significant growth between 2026 and 2032, driven by evolving consumer demand, technological advancements, and supportive regulatory

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New Submarine Fiber Cable Connects Northern Europe

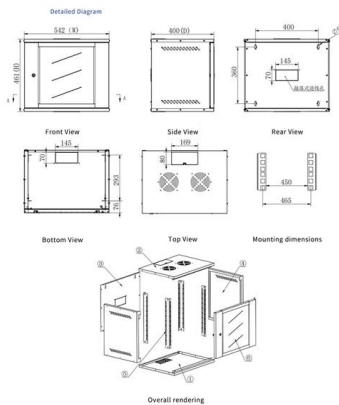
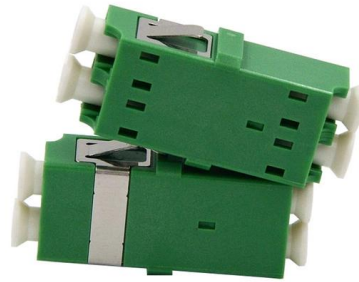
The cable connects with vital transatlantic crossings at Havfrue (Denmark), Leif Erikson (Norway) and other planned Trans-Atlantic cables. The

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New subsea cable planned, connecting Norway,

IOEMA is a state-of-the-art, high-capacity, 1400 km repeatered submarine fibre optic project that will arc across five key northern European

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GlobalConnect's new fiber routes aim to attract substantial foreign

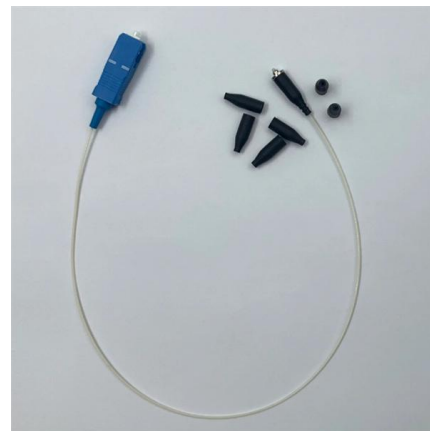
After completing the largest Nordic digital infrastructure project in a decade - a super fiber cable between Luleå and Berlin connecting Mainland Europe with the Nordics - GlobalConnect is

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Eastern Light deploys Ciena GeoMesh in Northern Europe

The cable route is both geographically separated from and shorter than existing cables. Once deployment is complete, the Eastern Light submarine cable system will offer a large part of northern

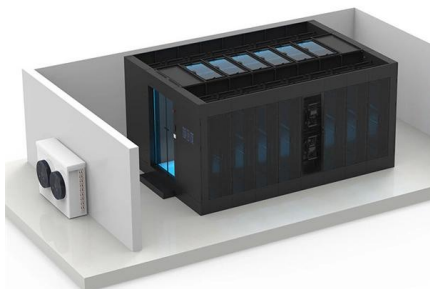
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SubOptic , Radial Path

From the cable landing station EXA will also provide critical backhaul connectivity to major data centers, including London Telehouse and Equinix. Launched in May 2024, IOEMA is a 1,600 km repeated

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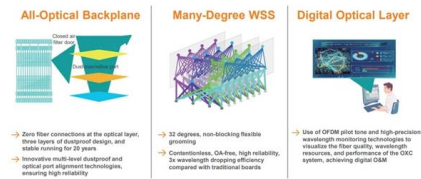




Far North Fiber takes a major step forward - cable route

The Far North Fiber submarine cable system connecting Europe and Asia via North America, is moving forward with the start of the cable route study.

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The IOEMA Project: A new state-of-the-art Data

IOEMA is a state-of-the-art, high-capacity, 1400 km repeated submarine fibre optic project that will arc across five key northern European markets - the UK, The

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Nexans' Fibre Optic Cables for Subsea

Global Marine Systems, a world leading marine installer and maintenance provider of submarine fibre optic cables, has ordered Nexans' fibre

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02

High Quality Material



High hardness to resist external impact, Good Shaping Performance, Good Look and Anti-rust



Fiber Optic Cable Relocation

Discover the essential steps for successful fiber optic cable relocation and learn how to avoid costly mistakes that could disrupt your service.

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Northern Europe Goes Dark, and It's a Good Thing

Northern Europe is facing surging growth of international traffic resulting from the perfect storm of bandwidth consumption coming from a broad

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Home

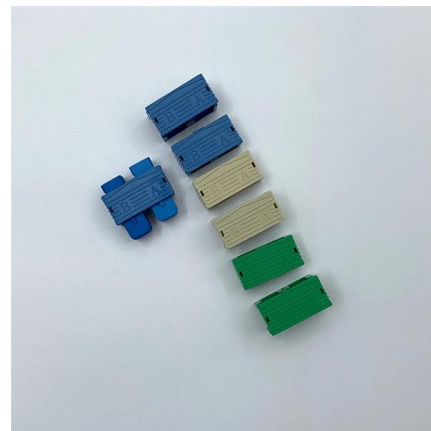
Far North Fiber is a first-of-its-kind trans-Arctic subsea fiber system designed to reshape global connectivity between Europe and Asia. The project delivers

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Fiber Optic Line Relocation

Bending the rules of fiber optic line relocation can lead to serious network disruptions; discover essential strategies to ensure seamless transitions.

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Eastern Light deploys Ciena GeoMesh in Northern Europe

HANOVER, MD - Sweden's Eastern Light, a company building a series of new, international, submarine fiber-optic cable routes in northern Europe, has selected Ciena's (NYSE: CIEN) GeoMesh solution to

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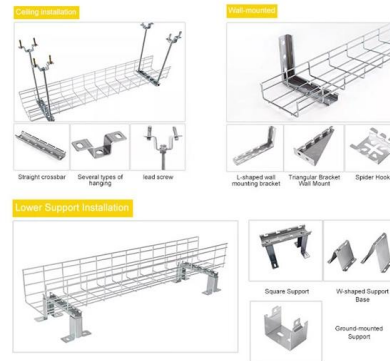
Northern EU Gateways

Northern EU Gateways project aims to improve the backbone connectivity and increase cyber security in a strategically important region in Europe.

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INSTALLATION METHOD



IOEMA subsea cable to land at Greenhouse

The IOEMA project is aiming to establish an AI-ready, high-capacity fibre optic connection between five key Northern European markets. The

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Cinia and Far North Digital to develop \$1.15bn pan

North American telecoms infrastructure development company Far North Digital and Finnish networks provider Cinia have signed a Memorandum of

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Fiber Deployment in Europe 2025: Progress & Challenges

Explore Europe's 2025 fiber deployment progress, challenges, and solutions for FTTH, FTTx, and infrastructure in the path toward Digital Decade 2030.

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Retractable Cable Deployments for OSP & Indoor

Retractable Cable Deployments for OSP & Indoor Applications Donald Brass 1, Mijndert Doorn1, Olivier Tatat2, Willem Griffioen3 1 Draka

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Polar Connect

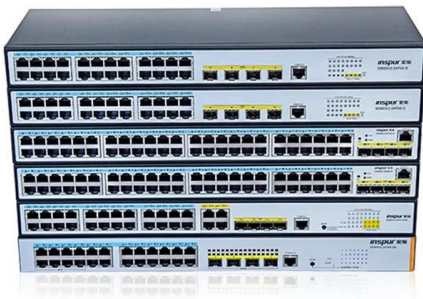
The project is part of the Polar Connect initiative, where the long-term plan is to connect the Nordic region with Japan and South Korea through a fiber optic cable under the Arctic Ocean,

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GlobalConnect reaches milestone as its fiber network passes 100,000

With the ongoing deployment of the mega capacity fiber cable from Luleå to Berlin and with more than 2500 km of new fiber optics put in the ground during this year's first quarter,

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Communication Infrastructure - EuropaCable

Europe needs fibre - and with that Fibre Optical Cables To meet future broadband capacity needs, Europe's future telecommunication networks will be

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The state of the fibre network in Europe from

Discover how the fibre network in Europe is evolving. Explore key trends, challenges, and opportunities for FTTH/B from 2023-2029.

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GlobalConnect joins Nordic project to develop global Arctic fiber cable

The ambition of the Polar Connect project is to offer a significantly safer and shorter route via the Arctic, which will decrease the time to send data, cut latency and improve resilience.

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