

Nordic optical cable route



Overview

The Digital Highway runs from Berlin, Germany, through to Bornholm, Denmark, onwards through Öland, Gotland and Stockholm, and further north via Luleå to the northern parts of Europe. The cable is 2600 km long and features 5 unique subsea cables in the Baltic Sea. Eastern Light is currently operating, building and planning a series of fiber-optic cable routes in the Nordics, with the purpose of meeting the fast-growing demand for modern and effective long-haul dark fiber in the region. Our business is to build and maintain the basic fiber infrastructure and. 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. The Polar Connect was initiated by NORDUnet, announced at the Subsea Networks EMEA event in London in the. To meet the demands of robust infrastructure and high capacity, as well as society's growing need for stable internet connections, GlobalConnect is deploying a 2 600 km “super fiber cable” capable of transporting all data in the Nordics. The cable running from Northern Sweden to Berlin, is the. Baltic Offshore have completed all submarine fiber optical cable installations in Global Connects investment in a new digital highway, Aurora. Baltic Offshore installed the cables between Sassnitz-Bornholm-Simrishamn, Bornholm-Öland-Gotland, as well as increased the capacity in the route between. IOEMA is a state-of-the-art, high-capacity, 1400 km repeatered submarine fibre optic project that will arc across five key northern European markets: the UK, The Netherlands, Germany, Denmark and Norway, supporting critical infrastructure security with full armouring and burial.

Article Content

Fiber Projects in Norway – May 2020

Route diversity and low latency These projects total a massive close to 13 000 km of new submarine fiber cables to the Nordics, and putting in place

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,

Submarine Cable Map | Interactive Global Undersea

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

Eastern Light deploys Ciena GeoMesh in Northern Europe

Currently under construction is the initial stretch between Sweden (Stockholm) and Finland (Hanko, Helsinki and Kotka), providing the first new submarine fiber optic cable between the two Nordic

Arctic Way

The Arctic Way Cable System is a 2,350 km submarine cable connecting mainland Norway, Jan Mayen, and Svalbard, owned by Space

Eastern Light | Baltic Sea Optical Expressway

Eastern Light is currently operating, building and planning a series of fiber-optic cable routes in the Nordics, with the purpose of meeting the fast-growing demand for modern and effective long-haul

Offshore connections to Denmark, Norway and Sweden

This COBRA Fiber Optic Cable is unique compared to competing connections and offers a direct connection between the Netherlands and Denmark. This direct

The COBRA Fibre Optic Cable – a new high capacity fibre ...

The interconnection between Denmark and the Netherlands has now been officially launched; in addition to power transmission, the submarine cable also provides a brand new low

How to Connect Fiber Optic Cable to Router: A Step-by

Fiber optic internet delivers blazing-fast speeds and reliable connectivity, making it a top choice for modern homes and businesses. However,

New subsea fibre-optic cable to connect Ireland and

The new subsea route avoids “congested paths” around the English Channel and offers a low-latency network architecture for enterprises, carriers

Norway's submarine cable network provides world-class

Norway's submarine cable network provides world-class connectivity A rapidly expanding network of submarine fibre optic cables has brought about a

Northern Sweden—Bornholm—Berlin: New gigabit fibre-optic cable

2500 kilometres of fibre-optic cable jetted into ducts laid in the ground. With 192 fibres in the same tube, the cable has a capacity equivalent to 640 million people simultaneously watching

New subsea cable planned, connecting Norway,

The cable connects with vital transatlantic crossings Havfrue (DK), Leif Erikson (NO) and other planned Trans-Atlantic cables. The IOEMA system will

A vision for two Arctic subsea cables

Nordic NRENs and NORDUnet: By 2030 or soon thereafter, a resilient submarine cable system across the Arctic region towards East Asia

The Subsea Cable Connecting Europe: Tampnet

Tampnet Carrier commissioned over 700 km of brand-new fiber optic cable to enhance routes connecting the UK to Europe via the Nordics. Tampnet

Infrastructure | Space Norway

Explore Space Norway's advanced infrastructure solutions. Discover our satellite fleet, ground services and subsea cables systems.

Aurora submarine fiber optic cable installation projects

Baltic Offshore installed the cables between Sassnitz-Bornholm-Simrishamn, Bornholm-Öland-Gotland, as well as increased the capacity in the

New subsea cable planned, connecting Norway,

The IOEMA cable system consists of a trunk route, connecting Dumpton Gap, UK with Kristiansand, Norway and three branches, connecting

Trans-Arctic

The Arctic route features a shorter distance connecting Northern Europe with Asia. The Arctic route is attractive but challenging for subsea cables, as well as maritime transportations and vessels. There

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.

Digital Highway

The Digital Highway runs from Berlin, Germany, through to Bornholm, Denmark,

GlobalConnect completes largest Nordic digital infrastructure project ...

After clearing 200 bombs from WW2, creating five new subsea routes, and having trenched the Baltic Sea seabed with a specially developed submarine, GlobalConnect has finalized

Celtic Norse

The Celtic Norse Cable system is the first submarine fiber optic cable between Norway and Ireland, with further connectivity to the United States, enabling

Submarine Cable Map

TeleGeography's comprehensive and regularly updated interactive map of the world's major submarine cable systems and landing stations.

Contact Us

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