

Norwegian fiber optic cable failure



Overview

THIS IS THE PROBLEM: The police images show that the Svalbard fiber probably sustained crushing damage, says experts NRK has spoken to. A gap in the steel armoring exposed the cable itself. An undersea fiber-optic cable between mainland Norway and the archipelago of Svalbard in the Arctic Ocean has been lost in a mysterious event. The outage of the submarine telecommunications cable - the northernmost submarine telecommunications cable in the world - follows an accident last year. A Norwegian-owned and Russian-crewed ship that authorities initially suspected may have been involved in damage to an underwater fibre-optic cable. Norwegian authorities have seized a Norwegian-flagged ship with an all-Russian crew on suspicion of involvement in damage to an underwater fiber optic cable in the Baltic Sea.



Article Content

Optimizing Fibre-Optic Monitoring: A Case Study in the Norwegian

Additionally, the permanent installation of fibre optic cables ensures continuous monitoring throughout the lifespan of the reservoir, enabling long-term data collection and analysis.

2. Incidents with High North Fibre Optic Cables

In 2021, the Lofoten-Vesterålen (LoVe) Ocean Observatory's cable disappeared from the seabed (Incident 4). LoVe Ocean collects EO and Arctic Ocean surveillance data from the seabed. The cable

After failure of important submarine cable to Spitsbergen: photos show ...

The Norwegian public broadcaster NRK reports and shows the pictures. They show that the outer layer of the fiber optic cable has been severed and the reinforcement damaged.

Norway arrests ship with Russian crew on suspicion of damaging

In the early morning of the 26th of January, 2025, LVRTC underwater fibre optic cable in the Baltic Sea connecting Ventspils and Gotland was damaged. Damage to the cable was found in

This is what the damaged Svalbard cable looked like when it came up ...

The current is used to amplify the fibre optic signals that flow through the 1300km long cables between the peninsula and the Norwegian mainland.

Space Norway plots recovery mission for failed subsea

TAMPA, Fla. — Space Norway said Jan. 13 it expects to start repairing next month one of two undersea fiber-optic cables it operates between

Damaged fiber optic cable off Latvia: Norwegian ship searched

Following damage to a fiber optic cable between Latvia and Sweden, Norwegian authorities have searched a freighter. The shipping company is cooperating.

Norway releases Russian-crewed ship after cable

Norway has released a Russian-crewed ship authorities suspected of damaging a fibre optic cable connecting Latvia and the Swedish island of Gotland.

Cable Bend Radius: Design Rules and Common Mistakes

Excessive bending beyond the minimum cable bend radius is the most common cause of hidden cable damage. The type of cable (e.g., fibre-optic, high-speed data, or electrical power) and

Norway: Ship with Russian crew seized – Suspected of damaging fiber ...

Norwegian authorities have seized a Norwegian-flagged ship with an all-Russian crew on suspicion of involvement in damage to an underwater fiber optic cable in the Baltic Sea. The seizure

Hezbollah has made a decisive leap in drone capability that Israel's ...

□□ Signal 1 - Fiber-optic FPV drones are defeating Israeli jamming Hezbollah is deploying FPV drones guided by fiber-optic cables, a technology that is physically immune to electronic

Norwegian police release images of damaged undersea cable

Norwegian public media outlet Norwegian Broadcasting (NRK) has published photos of the undersea cable that was pulled up by Norwegian police. The cable was heavily damaged, and

How to Identify Fiber Cable Damage Explained

Engineering explanation of fiber cable damage mechanisms, failure indicators, and diagnostic behavior in fiber optic networks.

Turning Fiber into a Sensing System: The Magic of

This is the power of fiber optic sensing, a technology that transforms ordinary optical fibers into the digital world's sensory network. In 2023,

5 Trends Driving Fibre Optic Deployment in 2026 – Wray Castle

2026 Fibre Deployment Trends Shaping the Market Fibre optic deployment in 2026 is being driven first by a major policy and funding wave that is finally turning plans into active construction.

Norway police arrest ship on suspicion of Baltic Sea cable damage

"It is suspected that the ship has been involved in serious damage to a fibre cable in the Baltic Sea between Latvia and Sweden," the police said in a statement.

Norway Clears Russian Ship After Cable Damage Probe

In a diplomatic drama involving Norway, Russia, Latvia, and Sweden, a Norwegian-owned ship crewed by Russians has been released after being held on suspicions of damaging a vital

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Norway's submarine cable network provides world-class connectivity

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

Undersea cable linking Norway to Arctic satellite station

An undersea fiber-optic cable between mainland Norway and the archipelago of Svalbard in the Arctic Ocean has been lost in a mysterious event.

Russian Boat Implicated in Norway Cable Sabotage

Hundreds of underwater communications cables circle the planet. Fiber optics jacketed in steel and plastic to protect against breakage and

Russia Cripples NATO's Undersea Communications

Over 95 percent of international data are currently routed through the many fiber optic cables. It also links allied armies and governments, which

After failure of important submarine cable to Spitsbergen: photos show ...

More than two years after one of the two submarine cables between the mainland and the Norwegian archipelago of Spitsbergen failed, photos of the damage have now been released.

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Load-Bearing Fiber Optic Wet-Mate Connectors: The Overlooked

It's rarely the cable itself that breaks first — it's the connection point. Standard fiber optic connectors can't handle the constant tension, bending, and deep-water pressure of towed ...

This is what the damaged Svalbard cable looked like when it came up ...

THIS IS THE PROBLEM: The police images show that the Svalbard fiber probably sustained crushing damage, says experts NRK has spoken to. A gap in the steel armoring exposed

Norwegian Undersea Surveillance Network Had Its Cables

Reports indicate that more than 2.5 miles of fiber optic and electrical cables were severed and then removed. In total, LoVe uses more than 40 miles of cables in the Norwegian Sea.

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