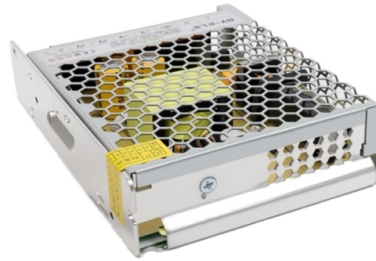


# Reasons for the attack on the fiber optic cable line



## Overview

Authorities say a rise in copper prices has led to an increase in attacks on communication networks. Spectrum is offering a \$25,000 reward for information leading to the arrest of those responsible for the theft of fiber optic cables in Johnston County. Law enforcement agencies pushed back Tuesday on an internet service company's characterization of damage to some of its fiber optic lines in the San Fernando Valley as an act of "domestic terrorism. ". Fiber cuts in Van Nuys, California last month resulted in outages for more than 50,000 residential customers and 500 business customers, Charter said, including emergency services and a U. The company stated that the determination was made based on the nature of the fiber cuts, the extent of damage, and the makeup of impacted. This assessment seeks to provide law enforcement and public safety partners with an overview of how DVEs could adopt tactics used by criminal actors to damage US critical infrastructure to further their ideological goals. Domestic Violent Extremists (DVEs) have increasingly discussed targeting. Subscribers in Southern California of Spectrum's Internet service experienced outages over the weekend following what company officials said was an attempted theft of copper lines located in Van Nuys, a suburb located 20 miles from downtown Los Angeles. The people behind the incident thought they.



## Article Content

Fiber optic networks "sabotaged" in parts of France

Fibre optic cables running near the tracks and ensuring the transmission of safety information for drivers, such as signaling lights and points, were cut and set on fire in the attacks on

How To Hack an Optical Fiber in Minutes And How You Can ...

Today, fiber optic cables are responsible for carrying enormous amounts of Internet traffic all over the world. Traditionally, the risk of fiber-optic cable intrusion has not been a priority

Law enforcement questions characterization of fiber optic damage -

Law enforcement authorities question "terrorism" description of fiber optic cable damage The LAPD said the cutting of communications lines in Van Nuys was being investigated as vandalism ...

Vandals cut fiber-optic lines, causing outage for Spectrum Internet ...

Subscribers in Southern California of Spectrum's Internet service experienced outages over the weekend following what company officials said was an attempted theft of copper lines

What Damages Fiber-Optic Cables? Key Risks and Mitigation Strategies

Even small forms of damage—from a bent cable to a rodent bite—can disrupt signals, cause costly outages, and require expensive repairs. This guide explores the most common causes

Congress and States Should Close Loopholes to Stop Broadband

Criminals frequently cut fiber optic lines, which they mistake for copper ones, also leading to devastating service outages. Communications networks are essential to health, safety, security,

How Data Line Tapping Is Becoming the Next Frontier in Cyber

While it initially required expensive equipment and cumbersome techniques, technological advances over recent years have made these devices cheaper and easier to use on not only a fiber

French fiber optic cables hit by "major sabotage" in second Olympics attack

PARIS — A second attack on key French infrastructure within days is putting increased focus on security around the Olympics as France hosts athletes and visitors from around the world.

Charter Communications Says Damage To Its Cables In Van Nuys

The early morning attack saw 13 cables severed, spanning more than 2600 individual fibers, a Charter investigation found. The cuts affected emergency services, including a U.S. military

Sensors, AI Possible Solutions to Preventing Undersea Cable Sabotage

iStock illustration LILLESTRØM, Norway — Undersea cables have been transmitting communications since the 1850s, but the now ubiquitous technology is grabbing headlines as NATO

Domestic Violent Extremists Express Interest in Targeting Fiber Optic ...

DVEs could also draw inspiration from European attacks that disrupted citywide telecommunications and transportation. Violent extremists in France caused massive disruptions to

Domestic Violent Extremists Express Interest in Targeting Fiber Optic ...

Across the United States, fiber optic cable cuts have disrupted 911 services and forced police stations to redirect personnel to field emergency calls through non-emergency lines.

Infrastructure under attack: Thieves looking for copper cut fiber lines ...

In Johnston County, someone stole nearly 100 feet of fiber optic cable from Rains Mill Road in the eastern part of the county, knocking hundreds of Spectrum customers, including Wayne

Perspectives from FSF Scholars June 4, 2025 Vol. 20, No. 25

Since then, the frequency and severity of these destructive acts have only escalated. From fiber cable cuts and copper thefts to cell tower sabotage, the damage caused by these crimes is creating harms

Law enforcement questions characterization of fiber optic damage -

Last month, Charter said the damage to the fiber optic lines was the result of a failed attempt by thieves to steal copper wire, and it offered a \$25,000 reward for information.

Police investigate "epidemic" of damage to fiber optic systems

Spectrum is reporting a 200% increase on attacks to its fiber optic infrastructure this year. In most cases, the damage is done by thieves looking to steal copper communications lines and ...

Operators are sick and tired of the fiber cut security risk

The main culprit, according to operators, is copper thieves who mistakenly target fiber-optic cables. Copper fetches a high price on the market and vandals often sell it to metal recyclers to

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CHOOSE FIBER-OPTIC INTERNET network provider can serve as your first line of defense against cyberattacks. Specifically, a fiber-optic internet provider can offer a secure network that is not at risk

How the French fiber optic cable attacks accentuate critical ...

Threats How the French fiber optic cable attacks accentuate critical infrastructure vulnerabilities The apparent act of sabotage is being investigated as a criminal matter, including by

Fiber optic networking: Assessing security risks

Fiber optic networking has the reputation of being immune to eavesdropping attacks, but this is an undeserved reputation. Fiber connections are susceptible to tapping, bending and splicing

## Contact Us

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