

Israel fiber optic cable broken



AI Overview

Undersea fiber optic cables in the Red Sea have been cut, disrupting internet connectivity in Israel and parts of Asia and the Middle East, with Houthis suspected. Incident Overview Recent reports indicate that undersea fiber optic cables in the Red Sea, specifically the SMW4 and IMEWE systems near Jeddah, Saudi Arabia, have been damaged, causing internet disruptions in Israel, India, Pakistan, and other parts of the Middle East. These cables are critical for international data transmission, linking Europe, the Middle East, and Asia, and are operated by Tata Communications and a consortium overseen by Alcatel-Lucent. Microsoft noted that internet traffic bypassing the Middle East was not affected, but latency increased for regional users.

Possible Causes While the exact cause of the cable cuts is not confirmed, there is concern about potential targeting by Yemen's Houthi rebels, who have previously threatened undersea infrastructure as part of their campaign against Israel. The Houthis have denied involvement in past attacks, but the timing coincides with ongoing regional tensions related to the conflict in Gaza.

Impact on Connectivity The disruption has degraded internet access and increased latency in affected countries. This impacts both commercial and personal internet services, cloud computing, and international communications. Israel, in particular, relies on multiple submarine cables for high-speed data transfer, and any damage can affect both domestic and international connectivity.

Response and Mitigation Israeli authorities and telecommunications operators are likely monitoring the situation closely. Israel has been actively upgrading its fiber optic infrastructure, transitioning from copper networks to advanced fiber networks to improve reliability and speed, which may help mitigate some domestic impact. However, undersea cable repairs are complex and can take days to weeks, depending on the location and severity of the damage.

Strategic Context Israel is a key junction for international fiber optic project...

Article Content

May 10: Tehran says it rejected US proposal as

Iran's semi-official Tasnim news agency proposes that the Islamic Republic could start charging international companies a fee to use undersea

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Red Sea cables are cut, disrupting internet in Asia and

There has been concern about the cables being targeted in a Red Sea campaign by Yemen's Houthi rebels, which the rebels describe as an effort

Int'l fiber optic project delays put Israel at risk

Submarine fiber-optic cables were supposed to land at cities along Israel's Mediterranean coast such as Netanya, Ashkelon, and Rishon LeZion, and at Eilat on the Red Sea, and substantially

Israel to phase out copper networks as fiber-optic transition gains ...

Once 85% of users in a given area receive services via fiber-optic networks, the old copper networks can be completely dismantled, with a three-month notice. By 2030, copper networks

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Fiber-optic

Ministry of Communications is phasing out copper and cable networks used by Bezeq and HOT, transitioning to fiber-optic infrastructure by 2030; The move will modernize telephony and

Internet, fixed-line communications cut off in Gaza following Israeli ...

GAZA, June 12 (Xinhua) -- The Palestinian Telecommunications Regulatory Commission (TRC) on Thursday reported a complete shutdown of internet and fixed-line communication services in the

Israel's military and tech industry race to counter Hezbollah ...

Fiber-optic drones have become a key weapon for Lebanese militant group Hezbollah in recent months. Israel's military and tech firms are scrambling to combat them.

Israel is transitioning to a fully advanced network

Shutting down the copper cable networks and switching to fiber optics will bring with them additional benefits. The copper cable infrastructure endures malfunctions due to corrosion and decay

Gaza's internet and communication services were cut off after Israel ...

Gaza experienced a complete internet and communication blackout after Israel struck its last fiber optic cable, cutting off all internet and fixed-line services.

Int'l fiber optic project delays put Israel at risk

While the western cable between Israel and Europe has been completed, as has deployment in Israel by Bezeq, the connection in the Red Sea has been delayed for many months.

70% of Israelis to have access to fiber optic ...

Some 70 percent of Israeli households are expected to have access to high-speed internet infrastructure by the end of 2022 in accordance with a

Optic Fibers

The deployment of fiber optic infrastructure currently stands at 86% of households in Israel and the challenge is to complete the deployment to every home in Israel by the summer of 2024 in

Global Optical Fiber Cable Market Size, Share and Outlook 2025-31

With Optical Fiber Cable sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Optical Fiber Cable industry.

Hezbollah's Fiber-Optic Drones Expose Cracks in Israeli Defenses

Fiber-optic drones have also become commonplace on the battlefield in Ukraine. Despite the warnings, the military's top brass appeared to do little to prepare for the threat, the officials said.

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Defense Ministry reports progress against Hezbollah

Defense Ministry sees progress in battle against Hezbollah's fiber-optic drones Some anti-drone systems have already been deployed as Israel

Israel Has a Hezbollah Drone Problem

Non-fiber-optic drones that have been launched into Israel were mostly intercepted by the Iron Dome. But the Iron Dome cannot intercept those fiber-optic drones.

Israel to phase out copper networks as fiber-optic

Ministry of Communications is phasing out copper and cable networks used by Bezeq and HOT, transitioning to fiber-optic infrastructure by

Internet down in Gaza after Israeli attack on last fiber optic cable ...

The Palestinian Authority on Thursday said internet and fixed-line communication services were down in Gaza following an attack on the territory's last fiber optic cable, accusing

What we know about the cut subsea cables in the Red Sea?

Two cables linking Europe to the Middle East and Asia have been reportedly cut in the Red Sea, affecting internet connections.

Undersea cables cut in Red Sea, disrupting ...

Undersea cable cuts in the Red Sea disrupted internet access in parts of Asia and the Middle East, experts said Sunday, though it wasn't immediately

Gaza offline after fibre optic link severed amid Israeli

Live updates: Follow the latest on Israel-Gaza Gaza plunged into a complete internet blackout on Thursday after the last main fibre optic cable

Israel cuts Gaza's last internet line, plunging it into

Israel has cut Gaza's last remaining internet cable, plunging the entire enclave into a total communications blackout.

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For more information, pricing, or custom solutions, please contact us:

Website: <https://www.shangases.co.za>

Email: ekomedsolar@gmail.com

Phone: +86 13816583346

Address: No. 26 Heshun Middle Road, Economic Development Zone, Hai'an City, Jiangsu Province, China

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