

## Ukrainian power fiber optic cable



### Overview

In February 2025, Ukraine's Unmanned Systems Forces unveiled the "Silkworm," a domestically-made modular fiber optic spool. This new technology is not without significant drawbacks. Video footage of Lyman, Donetsk, shows entire rows of houses and a field draped in sheets of translucent wire left behind by the aircraft. These drones usually have fiber optic cables between 5 and . This is the byproduct of a transformative (and terrifying) new weapon called the fiber-optic-guided first-person view (FPV) drone. These devices, with cables the width of dental floss, are designed to evade electronic detection, posing a fresh challenge to air defences.

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On the 19th, a video released by the Ukrainian military showed white lines resembling spiderwebs covering an entire village in eastern Ukraine. This scene was created by thin fiber-optic...



Drone warfare is common in Ukraine, but a new evolution in the conflict is leaving a strange web of fiber optic cables strewn across the battlefield.



Ukraine is now racing to close the gap. In February 2025, Ukraine's Unmanned Systems Forces unveiled the "Silkworm," a domestically-made ...



To counter fiber-optic drones, as of 2025, Ukrainian soldiers deploy lines of stretched barbed wire, with a battery-driven motor that makes the barbed wire rotate around its axis.



The territory Ukraine controlled in Kursk relied on a single logistical route running from the Ukrainian city of Sumy to the Russian town of Sudzha. ...



Footage from Ukraine's 63rd Mechanized Brigade showing the town of Lyman completely shrouded in a web of fiber optic cable, a testament to the level of drone activity along that front.



A Ukrainian front-line city has been smothered by a giant web of fibre optic cable from hundreds of drone battles in the skies.



In full technological intensification of the conflict between the Russia and Ukraine, a new and alarming consequence arose: a huge accumulation of fiber optic cable residues left by Kamikaze ...



OverviewCountermeasuresHistoryCharacteristicsEnvironmental concerns



Ukraine is now racing to close the gap. In February 2025, Ukraine's Unmanned Systems Forces unveiled the "Silkworm," a domestically-made modular fiber optic spool. It signals a serious ...



Hezbollah has introduced a new, difficult-to-detect weapon against northern Israel: small drones controlled by fibre-optic cables. These devices, with cables the width of dental floss, are ...



These drones are leaving their fiber-optic cables strewn across the battlefield. A Ukrainian special operator said it is forcing soldiers to move with caution.

## Contact Us

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