

Fiber-optic drones may not replace conventional unmanned systems, but they have established themselves in Ukraine as a durable component of the ...

It's worth noting that the Russians started the use of fiber optic wires on the FPV drone in the spring of 2024, and Ukraine quickly followed suit. You can read more about that in our original ...

Fibre-optic drones have taken a more central role on the battlefields in Ukraine. Frontline soldiers describe the conflict as a war of drones and Ukraine has leveraged this technological edge ...

Both Russia and Ukraine have increasingly deployed fiber-optic cables to control drones operating at distances of up to 50 kilometers (31 miles), making them resistant to electronic warfare ...

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.

Russia and Ukraine have increasingly turned to small drones controlled by fiber-optic cables. These drones are leaving their fiber-optic cables strewn across the battlefield. A...

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

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In particular, researchers are focused on a type of drone that is tethered to the ground with a fiber-optic cable. The thin cable looks like a fishing line and unspools as the drone flies...

He said Israel should have been following the advances in fibre-optic drones in the war in Ukraine and assumed that like Russia, other Iranian allies would eventually use them.

Fiber-optic drones are a major challenge for Ukrainian forces. Discover how the military is countering this threat, from nets to mobile shooter teams.

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