

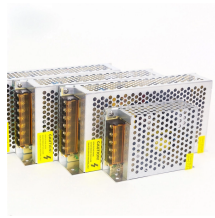
## Ukrainian Technical Support for 12-Core Special Optical Cable



### Overview

MILAN — NATO and Ukrainian officials are slated to stage a trial of unmanned aerial vehicle technologies aimed at addressing a dogged threat: Russian first-person-view drones with fiber-optic cables that cannot be brought down with electronic interference. To better understand all the nuances and real capabilities of FPV drones controlled via fiber optic cables, Defense Express talked to Oleksii Zhulynskyi, a war veteran and CEO of 3DTech drone manufacturing company that specializes in making them for the Ukrainian military. We asked two crucial. Drones on fiber-optic with a cable of 20 kilometers long, which are insensitive to the effects of electronic warfare, are already arriving at the Armed Forces of Ukraine, and this may deprive the russians of the advantages they currently have. Commander-in-Chief Oleksandr Syrskyi said this in an. A machine gunner with the 118th Separate Mechanized Brigade holds an American FIM-92 Stinger for reconnaissance and destruction of Russian drones in Zaporizhzhia, Ukraine, on Dec. The strikes targeted factories in Samara and Mordovia oblasts.

## Ukrainian Technical Support for 12-Core Special Optical Cable



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...



Domestic production surged thanks to Ukraine's agile ecosystem of innovative defense tech startups. Within months, more than 80 Ukrainian ...



The destruction or suspension of the company's operations could significantly limit the Russian army's ability to produce or use fibre-optic drones, which are actively used at the frontline.



Ukrainian deep-strike drones hit Russian fiber-optic and explosives factories on the night of April 4. The strikes targeted factories in Samara and Mordovia oblasts.



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As part of the programs to introduce innovations and develop the army of the future, the agency conducted a presentation test of FPV drones that use fiber optic cable for control instead of ...



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Ukrainian troops cut fiber-optic drone wires they find — even at the risk of disabling their own — to stop Russian attacks.



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Several models of these First-Person View (FPV) drones controlled via fiber-optic cables are in the final stages of codification and will soon be delivered to the Armed Forces of Ukraine.

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