

After perestroika, Russian scientists, engineers and technologists, despite absolutely insufficient funding, continued to work in the field of fiber optics, tracking all trends in its development, creating new ...

Russia's only domestic producer of optical fiber has been offline since May 2025 following Ukrainian attacks, industry officials told the Vedomosti business daily on Thursday.

To respond to this constraint, Ukraine's Autonomous Systems Forces presented a new device at the end of February: the Silkworm, a locally designed modular fiber-optic spool.

Russia's only domestic optical-fiber plant in Saransk has been offline since May 2025 after Ukrainian strikes. This forced a shift to imports from China and set off price and supply ...

The Russian army has increasingly employed drones operated via optical fiber on the battlefield in Ukraine. Local Telegram channels shared footage of the aftermath, and the head of the ...

Russia's only fiber optic plant has still not resumed operations after Ukrainian drone strikes in April-May 2025. According to The Moscow Times, the facility, Optic Fiber Systems, is ...

While Ukraine's dynamic tech sector and less cumbersome bureaucracy initially gave it the advantage, Russia may now be gaining the upper hand. The weapon that is turning the tide in ...

Russia has recently increased the use of optical fiber FPV drones in combat, with officials boasting that these drones are immune to electronic warfare (EW) countermeasures due to their lack ...

Drones severely damaged the PJSC Optical Fiber Systems plant in Saransk (Russia) on the night of May 7. The possibility of shutting down the facility is currently being considered.

Russian fiber-optic FPV drones have reached Kramatorsk, posing a new threat to one of Ukraine's key strongholds in Donetsk Oblast.

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