

The key difference between DFB and FP lasers is the built-in Bragg Grating, which provides an extremely high Side Mode Suppression Ratio (SMSR) and excellent monochromaticity.

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One of the most significant developments is the emergence of Russian fiber-optic FPV (First-Person View) drones, a cutting-edge technology ...

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On the battlefields of the Russian-Ukrainian war, the use of FPV drones controlled via fiber-optic cables is becoming increasingly widespread.

The 5P-42 Filin (eagle owl) is a Russian electro-optic countermeasure system developed by Roselectronics for the Russian Armed Forces. The system is designed to disrupt the enemy ...

Russia's mass drone campaign against Ukrainian civilian and industrial infrastructure intensified during the April 20-26, 2026 period, with salvos of 142-155 drones striking multiple ...

The 5p-42 Filin, Eagle Owl in English, is a protection system developed by Ruselectronics aimed at preventing enemy combatant at targeting the protected platform by causing blindness and ...

Russian surface warships would be equipped with new visual optical interference station, called the Filin (eagle-owl), to confuse the enemy with visual "hallucinations".

Russia is using fiber-optic drones to gain an advantage in the Ukraine war. These drones are harder to detect and jam than traditional drones. Ukrainian forces are adapting their tactics to...

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