PELENA-7M-4

HIGH-POWER VEHICLE-MOUNTED JAMMER WITH EXTRA-WIDE BAND OF SUPPRESSED FREQUENCIES AND ADVANCED OPERATIONAL EFFICIENCY WITHIN CELLULAR BAND

The jammer is used to interfere with radio-controlled explosive devices (RCED) and as a protection against unauthorized phone-tapping by means of special radio sets. It is used to jam high-power signals covering a wide frequency band of the most commonly used commercial devices (warning systems, radio stations, etc.) to Wi-Fi wireless data transmission systems; it is also used to enhance the protective efficiency within the cellular bands.

The jammers are powered from the (13.8 ± 1.2) V onboard power supply system.

The jammer is supplied complete with the main transmitter, three external magnetic base letter-frequency transmitters, set of magnetic base external antennas, remote-control unit, installation and spare parts kit, cables for connection to the vehicle's power line, and operation manuals.

FEATURES

- Effective to suppress high-power signals.
- This jammer completely covers a wide frequency band (20...6000 MHz) without “dips” in any of its parts.
- It provides an opportunity for the enhanced jamming of signals within the band of cellular communication devices. The device is controlled by means of a toggle-switch on the front panel.
- The remote-control considerably increases the device operability.
- The jammer is the most effective to suppress signals of cellular communication devices of the GSM 900/1800 and 3G standards by means of special modulation of jamming signal that is optimized for certain cellular standards; it is also most effective to suppress signals used by common civilian radio sets operating within the 433 MHz band (for example, vehicle’s alarm system).

Type of unit:	vehicle-mounted
Suppressed bands:	20...6000 MHz
Operation time:	at least 8 hours when powered from the vehicle’s onboard power supply system
Output power:	at least 170 W
Power supply voltage:	(13.8 ± 1.2) V
Power consumed:	1150 W max
Main transmitter weight:	33 kg max
Each additional transmitter weight:	2.8 kg max
Overall dimensions:	main transmitter without fixing angles – (503 × 151 × 725) ± 10 mm; main transmitter with fixing angles – (553 × 151 × 725) ± 10 mm; each additional transmitter – 150 × 147 mm

Recommended for use with PELENA-AS

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