

PELENA-6BM2

THE HIGH-POWER JAMMER FOR MOUNTING ON ARMORED VEHICLES AND MILITARY VEHICLES FEATURING A WIDE RANGE OF SUPPRESSED FREQUENCIES



The Jammer is intended for efficiently suppressing the control channels of radio-controlled explosive devices (RCED) including those of cellular communication devices 2G, 3G, 4G, 5G. It shall be used, when it is necessary to suppress signals in a wide range of frequencies, and also to enhance the protection efficiency in the ranges of cellular networks. Mounted on a vehicle armour/roof top and is designed to protect against RCED while on the move and in a stationary position.



The power is supplied from an external DC source with a voltage of 11 to 30 V.



Transmitter, antenna set, remote control, antenna protection cover, power supply cable, spare parts set, installation parts set, operating documentation.





BASIC FEATURES

- The implemented adaptive interference makes it possible to substantially enhance the jamming efficiency by compacting and adjusting the interference signal within the required frequency ranges
- The dust-moisture protection of the enclosure complies with IP65 requirements, which allows using the Jammer in adverse weather conditions
- The power circuits of the Jammer feature a galvanic junction, which eliminates jammer's generated interference into the vehicle's on-board network
- The advanced, broadband amplifiers and self-designed signal generators allowed for reducing the number of antennas to 5 while fully jamming radio signals in the frequency range of up to 6000MHz
- Availability of several operating modes including the barrage, the window, and the aiming that would contribute to significantly expanded applicability and the enhanced jamming efficiency
- Possibility to use on-board voltage from 11 to 30V, which makes it possible to install the Jammer on various types of vehicles
- The Jammer is equipped with a power framework and a radio-transparent antenna cover for mechanical protection, which allows using the Jammer in harsh environments.

Type:

The suppressed frequency range:
 Operating time when using vehicle's on-board network:
 Total power output:
 Power supply voltage:
 Power consumption:
 Weight of transmitter with frame:
 Overall dimensions of transmitter with frame and antenna housing:

Mobile

20...6000MHz

minimum 8 hours

minimum 210W

13.8 (-1.2 + 16.2)V

maximum 800W

maximum 50 kg

(600 x 420 x 745) ± 10mm