

PELENA-6BM

VEHICLE-MOUNTED JAMMER TO PROTECT MILITARY EQUIPMENT
WITH THE EXTENDED SUPPRESSED FREQUENCIES BAND



The jammer serves to interfere with radio-controlled explosive devices (RCED) by means of a signal within the whole operating band; it is mounted on the vehicle and serves to protect from RCED when moving and in the stationary position. There is a structure to attach a bullet-proof vest to protect the equipment against any mechanical damage, which makes it possible to effectively use the jammer during warfighting.



The jammer is powered from 12.6 to 15.0 V DC onboard power supply system or from 20 to 30 V system.



The jammer is supplied complete with the transmitter, set of external antennas, remote-control unit, cable for connection to the vehicle's power supply system, structure to attach a bullet-proof vest to the transmitter, transmitter fixing set, casing to protect antennas against mechanical damage, spare parts kit, and operation manuals.





FEATURES

- The product is effective to jam high-power signals due to complete covering of the frequency band of up to 1 GHz without “dips”, and due to random covering of higher bands to suppress the most probable control channels (GSM, 3G, LTE, WiFi and Bluetooth).
- The jammer can be used both when driving, and in the parking lot with power on. The transmitters are controlled by the remote-control unit.
- It has an effective protection against mechanical damage, and passive cooling, which makes it possible to use this jammer in severe weather conditions and during warfighting.
- The device can be powered from 24 (– 4, + 6) V or (13.8 ± 1.2) V onboard power supply system which makes it possible to mount it on different vehicles as-is.



Type of unit:
Suppressed bands:

Operation time:

Output power:
Power supply voltage:

Power consumed:

Transmitter weight:

Overall dimensions of transmitter:

vehicle-mounted
20...1000 MHz; 1700...2000 MHz;
2110...2170 MHz; 2300...2700 MHz
at least 8 hours when powered from the
vehicle's onboard power supply system
at least 115 W
from 12.6 to 15 V; from 20 to 30 V
800 W max
25 kg max
 $(418 \times 199 \times 390) \pm 10$ mm