

BRIZ

SMART SYSTEM FOR TARGETED SUPPRESSION OF CONTROL RADIO SIGNALS



The system is used to detect, analyze, and suppress radio-frequency channels controlling explosive devices. At the same time the required equipment may be operated freely in 20 to 2.750 MHz band.

The complex can be used to protect the checkpoints and other public buildings areas from the acts of terrorism.

The jammer is enclosed in a plastic rectangular case; it has no external antennas or other give-away factors. At the customer's request the system can be made in the colors at the customer's choice. This complex is supplied only in stationary version.



The jammer is powered from the 220 VAC line.



The product is supplied complete with the transceiver, remote-control unit, set of antennas, electric cable, cabinet, operation manual, certification, and software.





FEATURES

- Targeted and barrage jamming provides for the optimal system application in different situations.
- The system is used to create "frequency windows" which provide for the operation of the standard equipment within the working area band.
- The system transmitter has an indication of the interior nodes operability.
- The remote-control considerably increases the device operability and also provides for the equipment remote control.
- The system is mounted in the radio-transparent case (cabinet) with no give-away factors, which makes it possible to conceal the product from the exterior surveillance.



Type of unit:
Suppressed band:

Operation time:
Output power:

Power supply voltage:
Power consumed:

Weight:
Overall dimensions:

stationary

20...2750 MHz; 20...250 MHz (CTCSS and DTMF radio stations); 250...500 MHz (CTCSS and DTMF radio stations, automatic signaling); 500...750 MHz (TV, radio communication stations); 750...1000 MHz (GSM900, AMPS/ DAMPS, WCDMA, automatic signaling); 1000...1700 MHz (GPS and GLONASS); 1700...2000 MHz (GSM1800); 2000...2750 MHz (3G, WiMax, Dect, Bluetooth and WiFi)

continuous when operated from external power supply line

25 W – 20 to 100 MHz

25 W – 100 to 300 MHz

25 W – 300 to 500 MHz

25 W – 500 to 750 MHz

25 W – 750 to 1000 MHz

10 W – 1000 to 1444 MHz

10 W – 1444 to 2000 MHz

10 W – 2000 to 2750 MHz

4 W – 925 to 960 MHz

4 W – 1805 to 1880 MHz

4 W – 2110 to 2170 MHz

4 W – 2400 to 2485 MHz

The receiver sensitivity in a 25 kHz band at the signal/noise ratio of 10 dB is minus 106 dBm max.

Making "frequency windows" using data from control unit.

220 V

in sleep mode – 50 W max.

in targeted jamming mode – 700 W max.

in barrage jamming mode with "frequency windows" and without "frequency windows" – 1500 W max.

Transceiver weight: 40 kg max

transceiver (390 x 694 x 328) +/-10 mm

antenna system (2400 x 1000 x 745) +/-10 mm