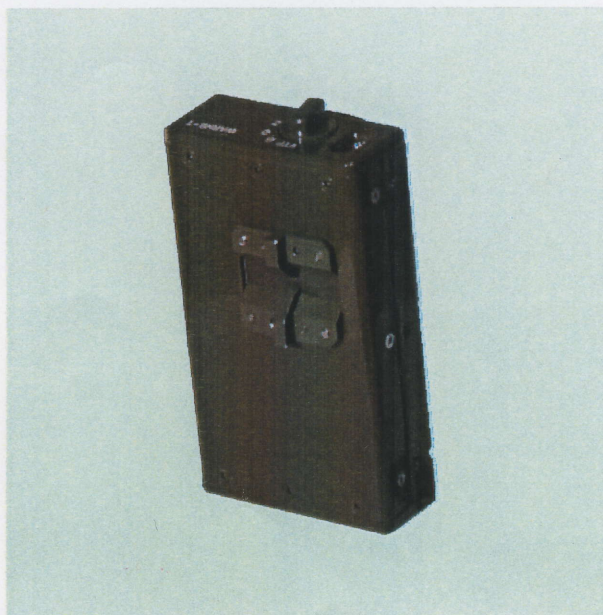




WARNS-1

MINIATURE RADAR SIGNAL DETECTOR



Determination:

Portable radar warning receiver.

Specifikation:

The WARNS-1 is miniature passive wideband receiver. Its main application is the detection of battlefield radars, operating in pulse modes, in frequency range 8 to 18 GHz. The detector is suitable for use in field operations in all weather conditions. The compact, battery operated device is designed to be attached to a soldier's field uniform for "hands off" operation. The presence of a microwave signal is signaled by the illumination of the LED diode and audio alarm is activated also. The instrument can be also powered from an external DC source. Main features are high sensitivity, high reliability, simplicity of use, lightweight, small size, and low power consumption.

Basic Tactical and Technical Data:

- | | |
|-------------------------------------|--|
| - Frequency range: | 8 to 18GHz |
| - Minimal sensitivity: | - 45dBm |
| - Pulse width: | min. 100ns |
| - PRF (Pulse Repetition Frequency): | 2 to 10kHz |
| - Power supply: | - any two batteries type R6 with voltage 1,2 or 1,5V
- external DC source +6V to +12V |
| - Weight: | 0,45kg with batteries |
| - Operating temperature range: | -25°C to +55°C |