

LORNET

Reliable, simple to operate and inexpensive non-linear detector in classical performance with the probing frequency of 900 MHz



Key Features



900
МГц

Lornet provide the means for the detection of semiconductor elements through obstacles with high damping (eg, concrete) and in humid environments



Lornet is equipped with an automatic system of protection against centered jamming by criterion of a minimum noise in the receiver path of the 2nd harmonic



The telescopic handle and thin structure of the antenna unit (18mm) enable to operate in hard to reach places

Application

INDOOR USE

Lornet is suitable for indoors search operations

Work with the device

Record-breaking low weight in its class

Non effect level of electromagnetic radiation towards the operator

Control

Vivid and explicit indication in operating mode

User-friendly button controller

Automatic and manual mode of power control

Equipment

Compact size and telescopic rod

Wireless headset for comfortable work

Supply Package

- R-T unit with a control knob
- 2 removable (LI-ION) rechargeable batteries (3.6V),
- Battery charging container,
- Battery charging adaptor (220V)
- Wireless headset and receiver
- AC adapter for the receiving device (220V)
- Transportation bag
- Documentation (user manual, certificate)

Technical characteristics

The frequency of the probing signal in the range	900MHz +/-
The maximum power of the probing signal (max. // average):	
Pulse mode	10W//230mW
Pulse mode with small duty cycle (CW)	300v
Receiver sensitivity, not worse than	-110dBm (-140BmW)
The adjustment range of the probing signal power	2Bm
The dynamic range of the receive path	24Bm
Battery life at maximum power in a pulsed (continuous) mode	3 h (1,5 h)
Device dimension	102x16x6 (54x16x7) cm
The full weight of the item in active status	1 kg
The bag dimensions	63x22x11 cm
The full weight of the item in a bag	3,1 kg
The operating temperature range	from +5 to +40° C