ELVIRA

LORNET 836

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The world only non-linear detector operating simultaneously in two frequency ranges: 800 MHz and 3600 MHz

Key Features

800 MHz
3600 MHz

Combines the advantages:

• the low-frequency range (800 MHz) — the work in absorbing medium with high humidity
• high frequency range (3600 MHz) — spatial selection of semiconductor elements location

Compact device, the weight is 1,000 grams

Reliable detection of the SIM-card at a distance of 80 centimeters

Application

ON OPEN TERRAIN
Efficient discovering algorithm: Fast detection of suspicious semiconductor elements (800Mhz) with theirs further spatial selection (3600Mhz)

Work with the device

An automatic system of protection against centered jamming

CW mode (analog 20K mode) for effective analyze of the nature of semiconductor

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

Wireless headset for comfortable work

Very compact and ultra-lightweight in its class

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	800MHz+/- / 3600MHz +/-
The maximum power of the probing signal (max. // average):	
Pulse mode	18W//64mW
Pulse mode with small duty cycle (CW)	6W//375mW
Receiver sensitivity, not worse than	-110dBm (-140BmW)
The adjustment range of the probing signal power	20Bm
The dynamic range of the receive path	24Bm
Battery life at maximum power in a pulsed (continuous) mode	2,5 h (1,5 h)
Device dimension	31x31x28 cm
The full weight of the item in active status	1 kg
The bag dimensions	44x30x35 cm
The full weight of the item in a bag	4,5 kg
The operating temperature range	from +5 to +40º C