

LORNET 24

Non Linear Junction Detector



A non-linear junction detector Lornet-24 is used for conducting a strategic and search work afield, in premises, transport, and is designed to find specific equipment containing semiconductor components. An automatic system of frequency selection is integrated into the device, and it can tune away from narrowband interference automatically (by a criterion of minimum noise of the receiving channel of the 2nd harmonic).

FEATURES

- Type of a probing signal pulse, CW
- Power of pulse signal (duty ratio 50) /CW signal 10/1 W
- Sensitivity (at signal-to-noise ratio of 10) not worse -108 dBm
- Signal frequency within range 2400-2483 MHz
- Dynamic range more than 80 dB
- Operation time from a built-in battery - at maximum power of probing signal (pulse/CW) not less than 3.0 / 1.5 h
- Dimensions in transportation /operation position 23x10x5.5/39x10x4 cm
- Full weight of the device in operation state less than 700 g
- Power supply: 2 pcs. rechargeable batteries
- Frequency band: 2400 - 2483 MHz
- Dynamic range: 80 Db
- Operation time: over 3h (at pulse probing signal) and 1h (at pCW probing signal)

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