

Product Code . JL-SA-10444

Spectrum Analyzer



Description

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High precision amplitude readings: this technology almost eliminates the errors generated by filter switching, reference level uncertainty, scale distortion, as well as errors produced in the process of switching between logarithmic and linear display of amplitude when using a traditional analog design.

The ability to measure smaller signals: on the basis of this technology, the filter enables smaller bandwidth settings, which greatly reduce the displayed average noise level.

The ability to distinguish between small signals by frequency: using the filter with the smallest bandwidth setting, it is possible to make out signals with a frequency difference of only 100 Hz.

High measurement speed: the use of digital improves the bandwidth precision and selectivity of the filter, minimizing the scanning time and improving the speed of the measurement.

Higher reliability: compared with traditional analog designs, the digital greatly reduces the complexity of the hardware, the system instability caused by channel aging, and the temperature sensitivity that can contribute to parts failure.

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Features:-

Level Measurement Uncertainty <1.5 dB

100 Hz Minimum Resolution Bandwidth

Advanced Measurement Functions (Opt.)

EMI Filter & Quasi-Peak Detector Kit (Opt.)

Frequency Range from 100 kHz up to 1 GHz

Min. -130 dBm Displayed Average Noise Level (Typ.)

Optional RF Accessories (Cable, Adaptor, Attenuator)

Complete Connectivity: LAN (LXI), USB Host & Device, GPIB (Opt.)

Min. <-80 dBc/Hz @ 10 kHz Offset Phase Noise

8 Inch WVGA (800×480) Display

Compact Size, Light Weight Design

PC Software (Opt.)

Optional RF TX/RX Training Kit

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