

Network Analyzer Covers Frequency Range from 5 Hz to 3 GHz

Agilent Technologies Inc. has released a compact network analyzer, the Agilent E5061B, that analyzes a frequency range as low as 5 Hz up to the RF (radio frequency) range of 3 GHz. This network analyzer's broad range and versatility eliminates the need for additional low-frequency-dedicated instruments.

Applications for the Agilent E5061B, part of the ENA series of network analyzers, include general RF-network measurements, such as filters or amplifier tests, and LF (low frequency) measurements necessary for loop-gain evaluation of DC-DC converters. The E5061B's frequency coverage is suitable for power distribution networks (PDN) measurements, which evaluate the quality of a DC power supply circuit. This type of evaluation is increasingly important, especially in high-speed digital communication equipment.

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