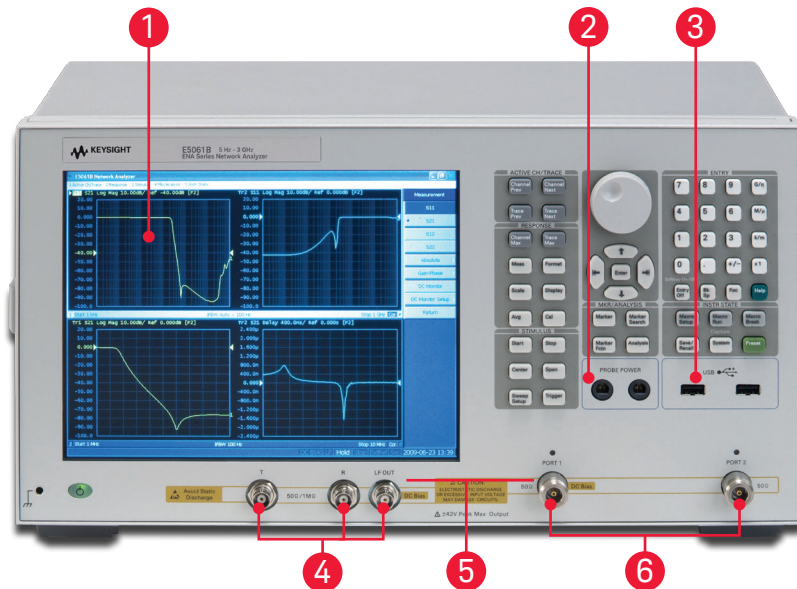


Keysight E5061B Network Analyzer

Ultimate general-purpose network analyzer – “One for every lab”

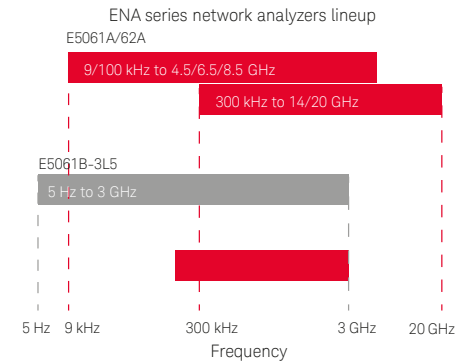
The Keysight Technologies, Inc. E5061B Network Analyzer is the latest addition to the ENA series, that offers a broad frequency range down to 5 Hz while covering the RF range up to 3 GHz. It supports not only the general RF applications such as filters or amplifiers measurements, but also the LF applications such as loop-gain measurement of DC-DC converters. Thus, it works as the most useful analyzer in every lab that needs network analysis.



1. 10.4 inch LCD touch screen
2. Probe power
3. USB port
4. Gain-phase test port Hz to 30 MHz, BNC:
 - LF OUT (source)
 - R (1 MΩ/ 50 Ω)
 - T (1 MΩ/ 50 Ω)
5. Built-in DC bias
DC bias (up to ± 40 Vdc) can be applied from the LF OUT or port-1
6. S-parameter test port 5 Hz to 3 GHz, type-N (50 Ω)

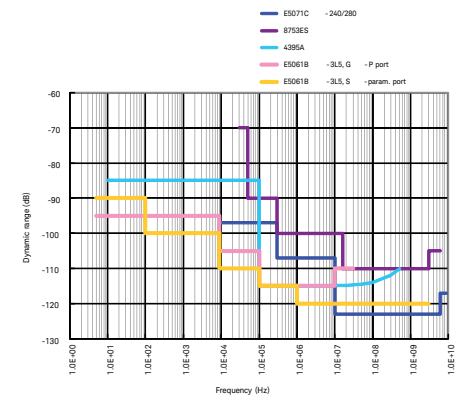
Wide frequency range in one-box

The E5061B allows you to avoid purchasing an LF-dedicated instrument that works only up to MHz range. You can cover versatile applications in your lab from near-DC to 3 GHz with the E5061B, also, included is the integrated gain phase test port. Now, more choices are available in the ENA series.



Wide dynamic range

The wide dynamic range of the E5061B throughout its whole measurement frequency range allows you to perform accurate at every required test frequency.



More working space

As show, the compact form factor of the E5061B offers a larger working space on you desk compared to the existing network analyzers:

- E5061B (top): 254 mm deep
- 8753C (bottom): 498 mm



Model

Model	Description
E5061B	Network analyzer

Option

Test set option	Description
E5061B-3L5 ¹	LF-RF network analyzer with DC bias source, 5 Hz to 3 GHz
Other option	Description
E5061B-1E5	High stability timebase
E5061B-010	Time domain/Fault location analysis
E5061B-019 ²	Standard hard disk drive
E5061B-810	Add keyboard
E5061B-820	Add mouse
E5061B-1CM	Rack mount kit
E5061B-1CN	Front handle kit
E5061B-1CP	Rack mount and front handle kit
E5061B-1A7	ISO 17025 compliant calibration
E5061B-A6J	ANSI Z540 compliant calibration

1. E5061B-3L5 is the only one test set option available as of October 2009.
2. The E5061B-019 is the only hard disk drive option available. Removable hard disk drive is not provided for the E5061B.

www.keysight.com/find/services

Keysight Services helps you improve productivity and product quality with our comprehensive service offerings of one-stop calibration, repair, asset management, technology refresh, consulting, training, and more.



Typical configuration example

Model/part number	Description
11500E	3.5 mm (m) to 3.5 mm (m) cable, 61 cm (24 in)
1250-1744	3.5 mm (f) to 50 Ω type-N (m) adapter
85033E	50 Ω standard calibration kit, DC to 9 GHz, 3.5 mm. Includes; <ul style="list-style-type: none"> – 3.5 mm (m) load/3.5 mm (m) open/3.5 mm (m) short – 3.5 mm (f) load/3.5 mm (f) open/3.5 mm (f) short – Torque wrench
8120-1838	Economy mechanical calibration kit, DC to 3 GHz, Type-F, 75 Ω

For additional product information about the E5061B, refer to following literature

Pub number	Name
5990-4390EN	Technical Overview
5990-4391EN	Configuration Guide
5990-4392EN	Data Sheet

For more details on accessories, refer to the “E5061B Configuration Guide”, publication number 5990-4391EN.

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