

Quick Fact Sheet

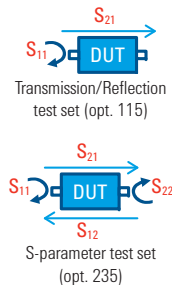
Agilent E5061BEP-115/235 ENA Series Network Analyzer – Express Configuration

Option 115, Transmission/Reflection test set, 100 kHz – 1.5 GHz vector network analyzer
Option 235, S-parameter test set, 100 kHz – 3 GHz vector network analyzer



Economy RF network analyzer up to 1.5/3 GHz

The E5061BEP network analyzer with options 115/235 offer solid performance for applications in cellular BTS filters/antennas, MRI coils, and RFIDs with affordable price.

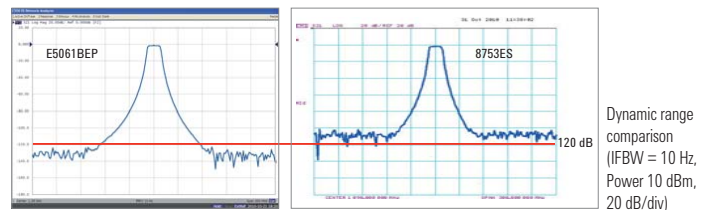
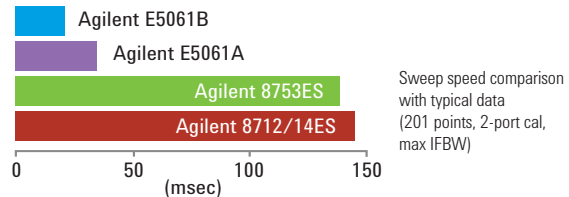


Same great products, now offered with off-the-shelf delivery and value pricing

The Agilent E5061BEP ENA series network analyzer express configuration is the most popular configuration for fast delivery and value. Created to get necessary tools into your hands quickly, the express configurations provide the performance of an ENA series network analyzer delivered to you RIGHT NOW through Agilent's distribution partners. Express configurations are upgradable, so as your needs change, you can optimize your test equipment with additional options.

Lower your cost of test

The wide 300 kHz IF bandwidth and high analog performance enables high-speed measurements for evaluating many types of RF components.



Advanced usability in a compact box

Useful user interface such as: touch screen, USB port on front panel, LAN/GPIB connections are available, and the Built-in VBA is supported to enhance usability.



Agilent Technologies

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Model

Options	Description
E5061BEP	ENA Series Network Analyzer – Express Configuration

Options

Options	Description
E5061BEP-115	E5061B Express - Transmission/Reflection Test Set, 100 kHz to 1.5 GHz, 50 Ω
E5061BEP-235	E5061B Express – S-parameter Test Set, 100 kHz to 3 GHz, 50 Ω

Recommended Accessories

For Type-N

Model	Description
N6314A	Test port cable, Type-N (m-m), 50 Ω
85032E	Economy Mechanical Calibration Kit, DC to 6 GHz, Type-N, 50 Ω
85092C	RF Electronic Calibration Module, 300 kHz to 9 GHz, Type-N, 50 Ω , 2-port

For 3.5 mm

Model	Description
11500E	Test port cable, 3.5mm (m-m), 50 Ω
85033E	Standard Mechanical Calibration kit, DC to 9 GHz, 3.5mm 50 Ω
85093C	RF Electronic Calibration Module, 300 kHz to 9 GHz, 3.5mm, 50 Ω , 2-port

Key specifications

Frequency	Opt. 115 : 100 kHz to 1.5 GHz Opt. 235 : 100 kHz to 3 GHz
Test set	Opt. 115 :Transmission /Reflection test set (S_{11} and S_{21}) Opt. 235: S-parameter test set (S_{11} , S_{21} , S_{12} , and S_{22})
Port impedance	50 Ω
Port output power	–45 to 5 dBm (at 100 kHz to 300 kHz) –45 to 10 dBm (at 300 kHz to 1.5/3 GHz)
Dynamic range	> 120 dB (at 1 MHz to 1.5/3 GHz, IFBW = 10 Hz)
Trace noise	0.005 dB rms
Sweep types	Linear, log, segment, power
Ecal support	Yes (2-port RF ECal module cannot be used in 100 kHz to 300 kHz range.)

www.agilent.com/find/express

www.agilent.com/find/express-e5061b

For additional information about the E5061BEP, refer to following literature.

Technical overview: 5990-7847EN

To find a distributor in your area, go to www.agilent.com/find/distributors

