

versus Keysight E5063A

With the R&S®ZNLE, vector network analysis measurements become as easy as ABC: easy to use, easy to calibrate, easy to configure.

The R&S®ZNLE is a two-port vector network analyzer (VNA) that can be used for bidirectional measurements of S-parameters S11, S21, S12 and S22 on passive components. It is a more modern VNA than the E5063A, using Windows 10 as an operating system with the look and feel of this modern platform. It incorporates modern features such as multi-touch capability.

The RF performance of the R&S®ZNLE is sufficient for the addressed markets, for measuring passive RF components. Compared to the E5063A, it offers faster measurement speed, a more compact size and lower weight at a very competitive price.



Parameter	R&S®ZNLE	Keysight E5063A
Frequency	1 MHz to 3/6 GHz	100 kHz to 3/6.5 GHz
Dynamic range	110 dB (spec.) 120 dB (typ.)	117 dB (spec.) 122 dB (typ.)
Output power	0 dBm	0 dBm
twoSpeed (201 points, two-port cal, 200 MHz span)	9.6 ms (100 kHz IFBW)	19 ms (300 kHz IFBW)
Dimensions (W x H x D)	408 mm x 186 mm x 235 mm	432 mm x 235 mm x 310 mm
Weight	6 kg	11.8 kg

Your benefit	Features
Solid performance in an economic instrument	Standalone vector network analyzer with fast measurement speeds and low trace noise
Clearly structured user interface with multi-touchscreen	Wide capacitive touchscreen for convenient configuration with multi-touch gesturing. Undo/redo softkeys and fully integrated context-sensitive help menu for user-friendly operation
Standard instrument for use in the lab	De/embedding, fixture compensation, support of automatic calibration units and remote control via LAN or GPIB

Easy to configure

- Standalone VNA
- Only one option available

Easy to calibrate

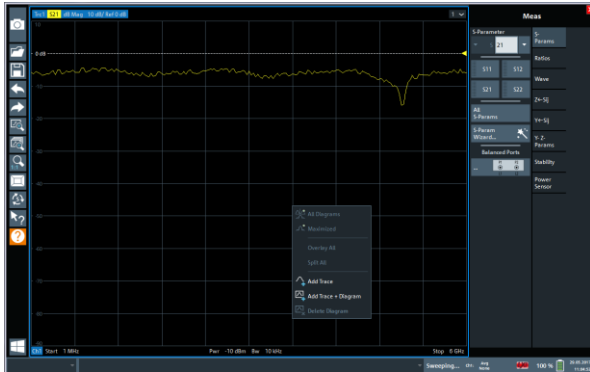
- Calibration wizard
- Calibration unit
- Auto cal

Easy to use

- Clearly structured user interface
- Undo/redo softkey
- Context-sensitive help menu

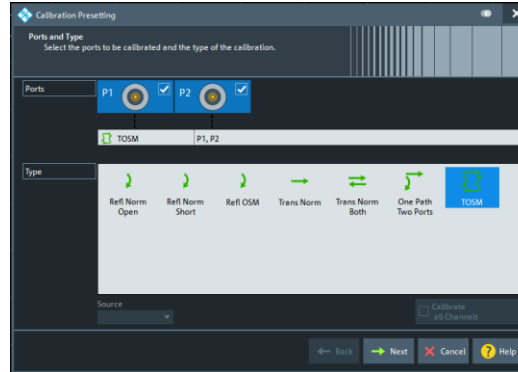
► For more information, see www.rohde-schwarz.com/product/ZNLE

Best usability

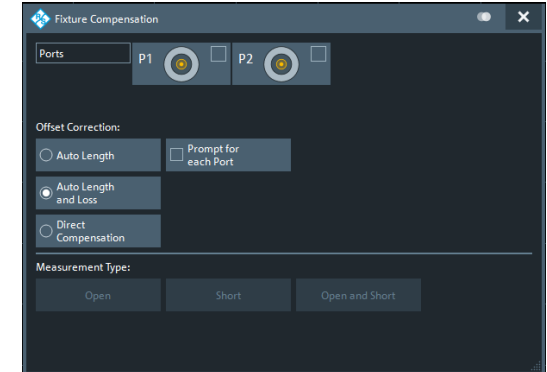


With a fully integrated powerful PC platform running the Windows 10 operating system, the R&S®ZNLE is a complete standalone analyzer.

Easy to calibrate

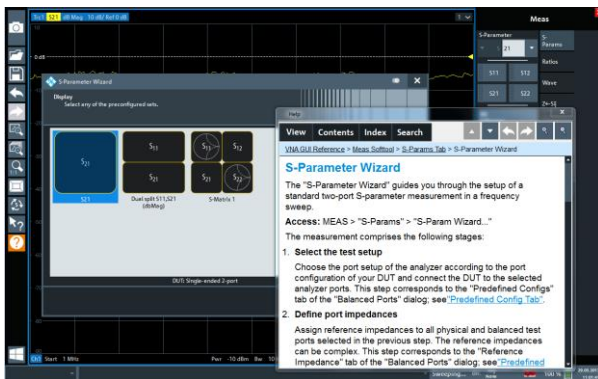


The calibration wizard provides an overview of the possible calibration methods for easy selection.

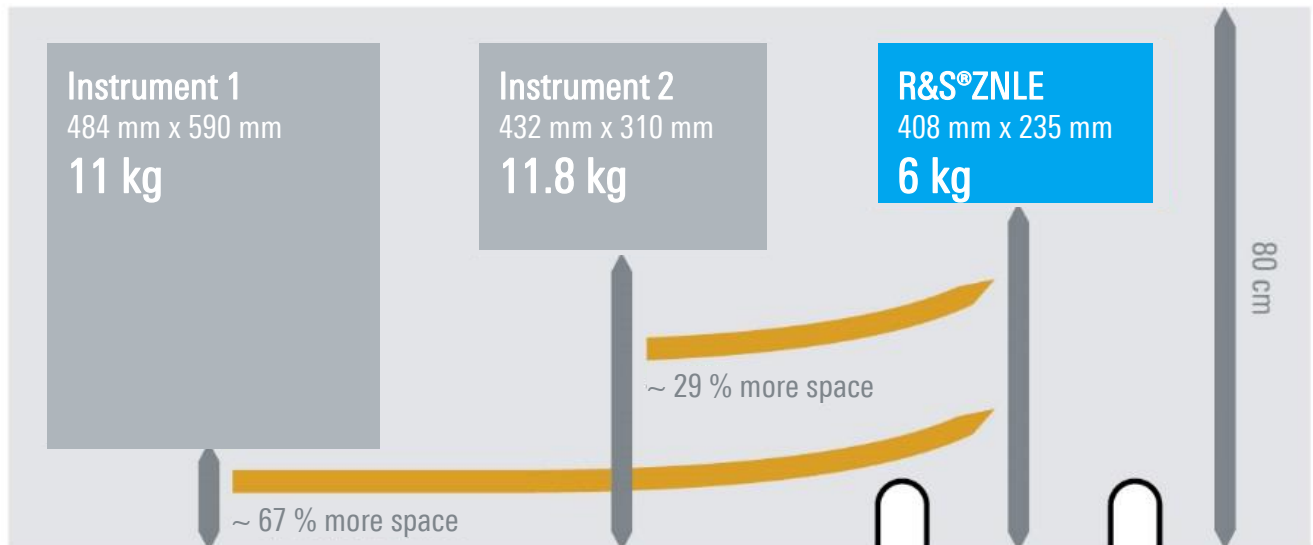


The fixture compensation menu offers a good overview of all available compensation methods.

User interface with multi-touchscreen



Overview of the R&S®ZNLE user interface. Here, the wizard for easy configuration of S-Parameters is open, as is the context-sensitive help menu.



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