

R&S®ZNLE Vector Network Analyzer

Measurements as easy as ABC



The perfect choice for

Passive RF components tests

Education & training

Automated testing

Production environment

Key specifications

Frequency range	1 MHz to 3 GHz (R&S®ZNLE3) 1 MHz to 6 GHz (R&S®ZNLE6)
Number of ports	2 ports, N(F)
Dynamic range	up to 110 dB (spec.) 120 dB (typ.)
Output power	up to 0 dBm
IF bandwidths	1 Hz to 500 kHz
Sweep time	16.7 ms for 401 points (100 kHz IFBW, TOSM, 200 MHz span)

Vector network analysis made easy

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

Fast measurement speeds, reliable RF performance and a clearly structured user interface make the R&S®ZNLE the perfect choice for vector network analysis measurements on passive components.

Your benefit

Solid performance in an economic instrument

Clearly structured user interface with multi-touchscreen

Standard instrument for use in the lab

Features

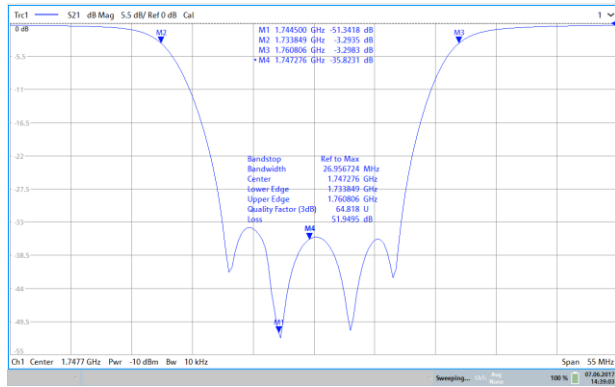
Standalone vector network analyzer with fast measurement speeds and low trace noise

Wide capacitive touchscreen for convenient configuration with multi-touch gesturing. Undo/redo softkeys and fully integrated context-sensitive help menu for user-friendly operation

De/embedding, fixture compensation, support of automatic calibration units and remote control via LAN or GPIB

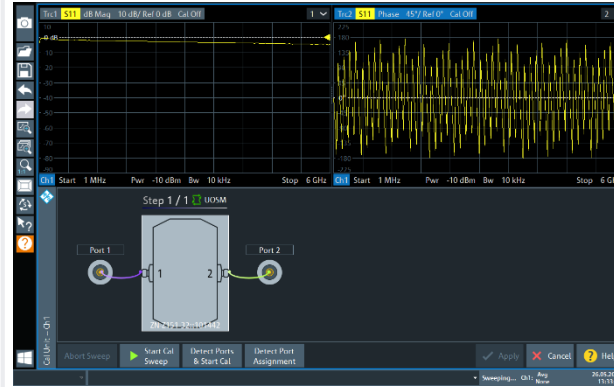
► For more information, see www.rohde-schwarz.com/product/ZNLE

Vector network analysis



Automatic filter characterization with advanced marker functions: all important values in one step.

Automatic calibration unit support



Automatic calibration units supported for convenient automatic system error correction. To be even quicker, a one-step auto cal is available.

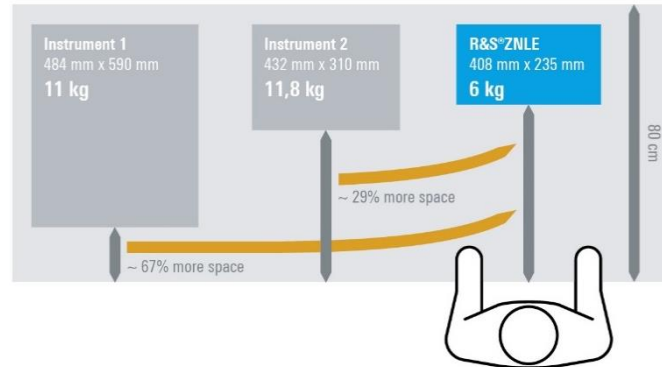
Order information

Description	Item
Vector network analyzer, 1 MHz to 3 GHz	R&S®ZNL-E3
Vector network analyzer, 1 MHz to 6 GHz	R&S®ZNL-E6
GPIB Interface	R&S®FPL1-B10
Automatic calibration unit	R&S®ZN-Z151



R&S®ZN-Zx calibration units can be used with the R&S®ZNL-E for a convenient and quick way to perform system error correction.

Up to 67% more space on your desk



The R&S®ZNL-E leaves up to 67% more space on a typical 80 cm workbench than comparable analyzers. Weighing 60% less than comparable analyzers, it is the most portable benchtop analyzer. The R&S®ZNL-E fits easily on any desk for convenient everyday measurements such as tuning a filter.

Feature highlights

- Compact standalone vector network analyzer with fully integrated computer
- Fast measurement speeds
- Innovative user interface and wide 10.1" multi-touchscreen
- Windows 10 operating system
- Use of calibration units

Rohde & Schwarz GmbH & Co. KG

Europe, Africa, Middle East | +49 89 4129 12345
 North America | 1 888 TEST RSA (1 888 837 87 72)
 Latin America | +1 410 910 79 88
 Asia Pacific | +65 65 13 04 88
 China | +86 800 810 82 28 | +86 400 650 58 96
 www.rohde-schwarz.com
 customersupport@rohde-schwarz.com

R&S® is a registered trademark of Rohde & Schwarz GmbH & Co. KG
 PD 5215.3479.32 | Version 01.01 | July 2017 (tm)
 Trade names are trademarks of the owners
 R&S®ZNL-E Vector Network Analyzer
 Data without tolerance limits is not binding | Subject to change
 © 2017 Rohde & Schwarz GmbH & Co. KG | 81671 Munich, Germany