



R&S®ZNLE VECTOR NETWORK ANALYZER

Measurements as easy as ABC



The perfect choice for

Passive RF component tests	Education and training
Automated testing	Production environments

Key specifications	
Frequency range	Min. 100 kHz (with -B100 option) or 1 MHz (std.) Max. 3/4.5/6/14/18 GHz (overrange to 20 GHz)
Number of ports	2 ports, N (f)
Dynamic range	up to 110 dB (spec.), 120 dB (typ.)
Output power	up to 0 dBm
IF bandwidth	1 Hz to 500 kHz
Measurement speed	4.6 µs per point (bandwidth: 500 kHz)

Vector network analysis made easy

The R&S®ZNLE makes vector network analysis measurements as easy as ABC: easy to use, easy to calibrate, easy to configure.

Fast measurements, 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	Features
Easy to configure	<ul style="list-style-type: none"> ▶ Basic VNA functions without having to add an option ▶ S-parameters measurement wizard
Easy to calibrate	<ul style="list-style-type: none"> ▶ Calibration settings menu ▶ Supports calibration kits and automatic calibration units ▶ Supports third-party calibration kits/formats
Easy to use	<ul style="list-style-type: none"> ▶ Touch display ▶ Clearly structured user interface ▶ Undo/redo softkeys ▶ Context-sensitive help menu



For prices and more information, visit www.rohde-schwarz.com/product/ZNLE

Easy to configure

S-parameter wizard – pictorial guidance makes setup easy.

Easy to use

Integrated help menu.

Affordable R&S®ZN-Z1xx calibration kits fit your budget

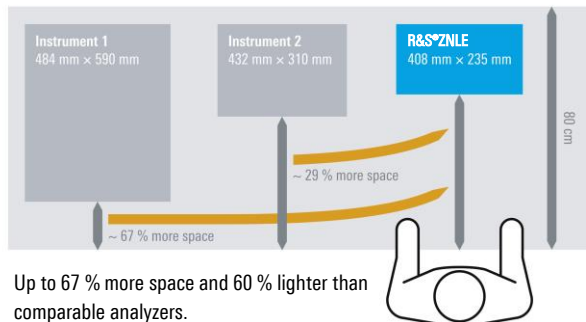


Easy to calibrate

Simple and flexible calibration steps

Supports third-party calibration kits and formats.

Space-saving design



Ordering information

Description	Item
Vector network analyzer, 1 MHz to 3 GHz	R&S®ZNLE3
Vector network analyzer, 1 MHz to 4.5 GHz	R&S®ZNLE4
Vector network analyzer, 1 MHz to 6 GHz	R&S®ZNLE6
Vector network analyzer, 1 MHz to 14 GHz	R&S®ZNLE14
Vector network analyzer, 1 MHz to 18 GHz	R&S®ZNLE18
Extension of the lower end of the frequency range to 100 kHz	R&S®ZNLE-B100
Time domain analysis	R&S®ZNL-K2
Distance-to-fault measurements	R&S®ZNL-K3
Additional interface for remote control by GPIB	R&S®FPL-B10

Feature highlights

- ▶ Compact standalone vector network analyzer with fully integrated computer
- ▶ Fast measurement speeds
- ▶ Innovative user interface and wide 10.1" multitouch screen
- ▶ Windows 10 operating system
- ▶ Use of R&S®ZN-ZExxx calibration units to increase efficiency



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