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

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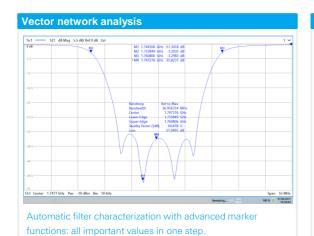
Fast measurement speeds, reliable RF performance and a clearly structured user interface make the R&S®ZNLE the perfect choice for vector network analysis measurements on passive components.

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)

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

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

ROHDE & SCHWARZ

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.

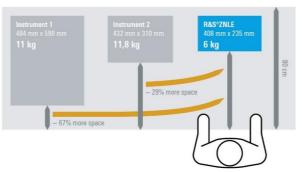## Order information

Description	Item
Vector network analyzer, 1 MHz to 3 GHz	R&S®ZNLE3
Vector network analyzer, 1 MHz to 6 GHz	R&S®ZNLE6
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®ZNLE for a convenient and quick way to perform system error correction.

Up to 67% more space on your desk

The R&S®ZNLE 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®ZNLE 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