



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.

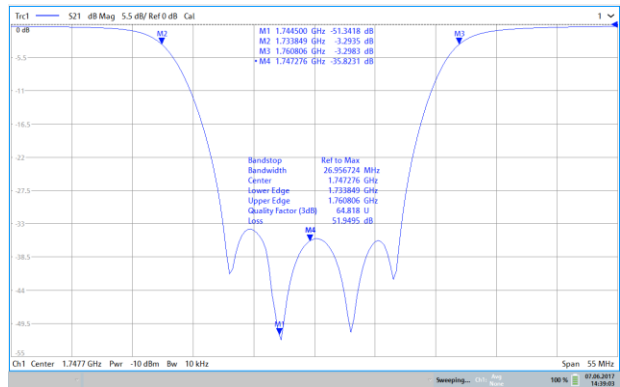
| Your benefit | Features |
|--|--|
| Solid performance in an economic instrument | Standalone vector network analyzer with fast measurement speeds and low trace noise |
| Clearly structured user interface with multi-touchscreen | Wide capacitive touchscreen for convenient configuration with multi-touch 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:

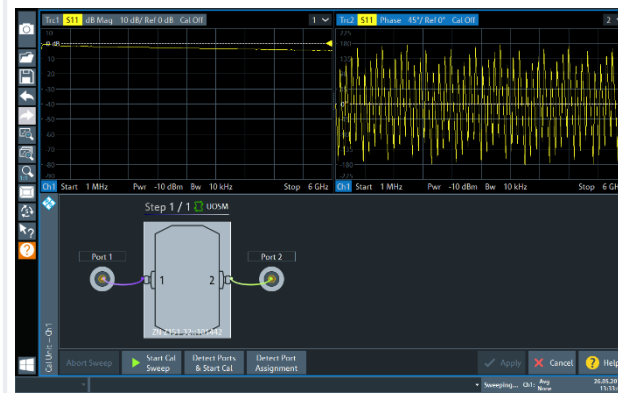
www.rohde-schwarz.com/catalog/ZNLE

Vector network analysis



Automatic filter characterization with advanced marker functions: all important values are automatically extracted.

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.

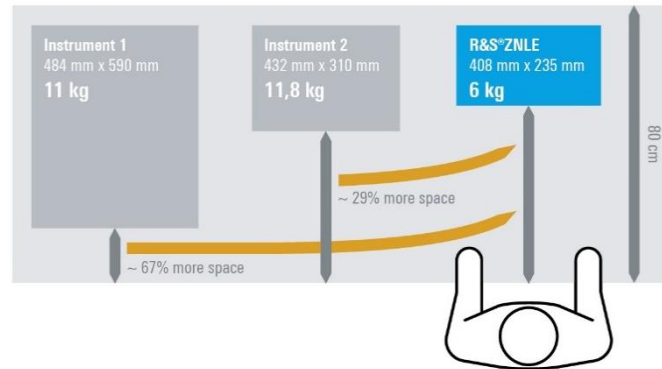
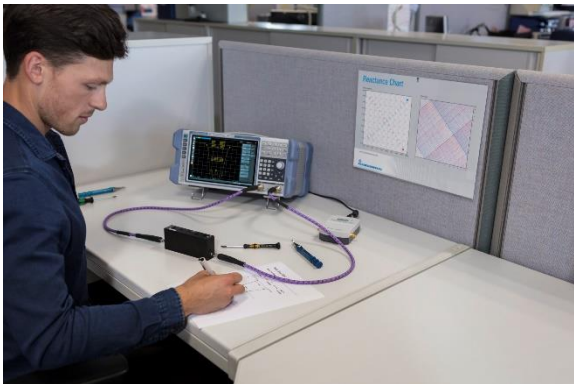
Ordering information

| 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