

ORDERING INFORMATION

Designation	Type	Order No.
Base unit		
Vector network analyzer, 5 kHz to 3 GHz, two ports, N (f)	R&S®ZNL3	1323.0012.03
Vector network analyzer, 5 kHz to 4.5 GHz, two ports, N (f)	R&S®ZNL4	1323.0012.04
Vector network analyzer, 5 kHz to 6 GHz, two ports, N (f)	R&S®ZNL6	1323.0012.06
Hardware options		
Spectrum analyzer function for R&S®ZNL3	R&S®ZNL3-B1	1323.1802.02
Spectrum analyzer function for R&S®ZNL4	R&S®ZNL4-B1	1303.8099.02
Spectrum analyzer function for R&S®ZNL6	R&S®ZNL6-B1	1323.2067.02
Extended power range for R&S®ZNL3	R&S®ZNL3-B22	1323.1860.02
Extended power range for R&S®ZNL4	R&S®ZNL4-B22	1303.8118.02
Extended power range for R&S®ZNL6	R&S®ZNL6-B22	1323.2021.02
Receiver step attenuator for R&S®ZNL3 port 1	R&S®ZNL3-B31	1323.1848.02
Receiver step attenuator for R&S®ZNL3 port 2	R&S®ZNL3-B32	1323.1854.02
Receiver step attenuator for R&S®ZNL4 port 1	R&S®ZNL4-B31	1303.8124.02
Receiver step attenuator for R&S®ZNL4 port 2	R&S®ZNL4-B32	1303.8130.02
Receiver step attenuator for R&S®ZNL6 port 1	R&S®ZNL6-B31	1323.2038.02
Receiver step attenuator for R&S®ZNL6 port 2	R&S®ZNL6-B32	1323.2044.02
Additional removable PC board with SSD	R&S®ZNL-B19	1323.2938.02
OCXO accurate reference frequency	R&S®FPL1-B4	1323.1902.02
Additional interfaces	R&S®FPL1-B5	1323.1883.02
GPIB interface	R&S®FPL1-B10	1323.1890.02
DC power supply (12 V/24 V)	R&S®FPL1-B30	1323.1877.02
Lithium-ion battery pack	R&S®FPL1-B31	1323.1725.02
40 MHz analysis bandwidth ¹⁾	R&S®FPL1-B40	1323.1931.02
Software options		
Time domain analysis	R&S®ZNL-K2	1323.1819.02
Distance-to-fault measurements	R&S®ZNL-K3	1323.1825.02
AM/FM/φM analog modulation analysis ¹⁾	R&S®FPL1-K7	1323.1731.02
Measurements with R&S®NRP power sensors ¹⁾	R&S®FPL1-K9	1323.1754.02
Noise figure measurements ^{1), 3)}	R&S®FPL1-K30	1323.1760.02
License dongle ²⁾	R&S®FSPC	1310.0002.03
Vector signal explorer base software ²⁾	R&S®VSE	1345.1011.06
Vector signal analysis ²⁾	R&S®VSE-K70	1320.7522.06
EUTRA/LTE NB-IoT/narrowband IoT analysis ²⁾	R&S®VSE-K106	1320.7900.06
Recommended extras		
Calibration kits		
Calibration kit, N (m), 50 Ω, 0 Hz to 18 GHz	R&S®ZN-Z170	1328.8163.02
Calibration kit, N (f), 50 Ω, 0 Hz to 18 GHz	R&S®ZN-Z170	1328.8163.03
Calibration kit, 3.5 mm (m), 50 Ω, 0 Hz to 26.5 GHz	R&S®ZN-Z135	1328.8157.02
Calibration kit, 3.5 mm (f), 50 Ω, 0 Hz to 26.5 GHz	R&S®ZN-Z135	1328.8157.03
Calibration units		
Calibration unit, 2 ports, N (f), 5 kHz to 6 GHz	R&S®ZN-Z150	1335.6710.72
Calibration unit, 2 ports, SMA (f), 100 kHz to 8.5 GHz	R&S®ZN-Z151	1317.9134.32
Calibration unit, 1 port, N (f), 2 MHz to 4 GHz	R&S®ZN-Z103	1321.1828.02
Calibration unit, 1 port, N (f), 1 MHz to 6 GHz	R&S®ZN-Z103	1321.1828.12
Cables		
N (m)/N (m), 50 Ω, length: 0.6 m/0.9 m, 0 Hz to 18 GHz	R&S®ZV-Z191	1306.4507.24/36
N (m)/3.5 mm (m), 50 Ω, length: 0.6 m/0.9 m, 0 Hz to 18 GHz	R&S®ZV-Z192	1306.4513.24/36
3.5 mm (f)/3.5 mm (m), 50 Ω, length: 0.6 m/0.9 m, 0 Hz to 26.5 GHz	R&S®ZV-Z193	1306.4520.24/36

Designation	Type	Order No.
Active probes		
USB-powered adapter N(m) to probe plug	R&S®RT-ZA9	1417.0909.02
Active probe, single-ended, 0 Hz to 3 GHz ^{1),4)}	R&S®RT-ZS30	1410.4309.02
Active probe, single-ended, 0 Hz to 6 GHz ^{1),4)}	R&S®RT-ZS60	1418.7307.02
Active probe, differential, 0 Hz to 3 GHz ^{1),4)}	R&S®RT-ZD30	1410.4609.02
Active probe, differential, 0 Hz to 4 GHz ^{1),4)}	R&S®RT-ZD40	1410.5205.02
Power rail active probe, 0 Hz to 4 GHz ^{1),4)}	R&S®RT-ZPR40	1800.5406.02
Accessories		
Broadband limiter, N(m to f), 50 Ω, 50 MHz to 6 GHz	R&S®ZN-B13	1303.7840.02
Smart noise source, 10 MHz to 26.5 GHz ^{1),3),5)}	R&S®FS-SNS26	1338.8008.26
Protective hard cover	R&S®FPL1-Z1	1323.1960.02
Transport bag, with transparent cover	R&S®FPL1-Z2	1323.1977.02
Carrying vest holster	R&S®FPL1-Z3	1323.1683.02
Spare battery pack	R&S®FPL1-Z4	1323.1677.02
Anti-glare film	R&S®FPL1-Z5	1323.1690.02
Rackmount kit	R&S®FPL1-Z6	1323.1954.02
For a list of the R&S®NRP power sensors supported by R&S®FPL1-K9, refer to the R&S®ZNL data sheet PD 3607.1071.22.		

¹⁾ Requires R&S®ZNL3-B1, R&S®ZNL4-B1 or R&S®ZNL6-B1 hardware option.

²⁾ Use of R&S®VSE with R&S®ZNL requires R&S®ZNL3-B1, R&S®ZNL4-B1 or R&S®ZNL6-B1 hardware option.

³⁾ Requires R&S®FPL1-B5 hardware option for noise source control.

⁴⁾ Requires R&S®RT-ZA9 accessory.

⁵⁾ Requires R&S®FPL1-K30 software option.

Warranty		
Base unit		3 years
All other items ¹⁾		1 year
Options		
Extended warranty, one year	R&S®WE1	
Extended warranty, two years	R&S®WE2	
Extended warranty with calibration coverage, one year	R&S®CW1	Please contact your local Rohde & Schwarz sales office.
Extended warranty with calibration coverage, two years	R&S®CW2	
Extended warranty with accredited calibration coverage, one year	R&S®AW1	
Extended warranty with accredited calibration coverage, two years	R&S®AW2	

¹⁾ For options that are installed, the remaining base unit warranty applies if longer than 1 year. Exception: all batteries have a 1 year warranty.