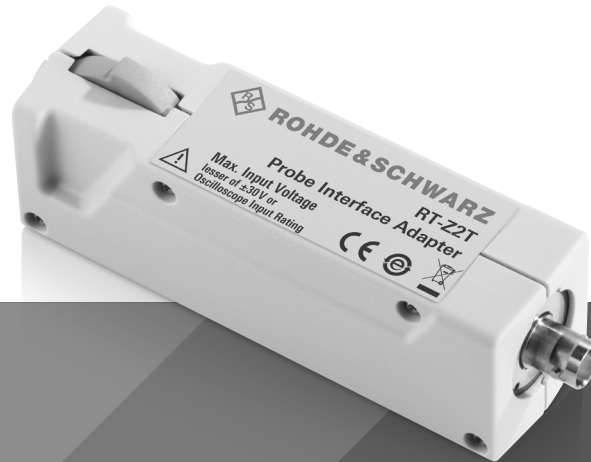


R&S® RT-Zxx OSCILLOSCOPE ADAPTERS

Specifications



Data Sheet | Version 27.00

ROHDE & SCHWARZ

Make ideas real



CONTENTS

Definitions.....	3
Adapter/oscilloscope chart.....	4
Adapter/probe chart.....	5
R&S®RT-Z1M 1 MΩ adapter.....	8
R&S®RT-Z2T probe interface adapter.....	11
R&S®RT-ZA9 probe box to N/USB adapter.....	13
R&S®RT-ZA50 probe interface extender.....	14
R&S®RT-ZA51 probe to 3.5 mm adapter	15
Ordering information.....	16

Definitions

General

Product data applies under the following conditions:

- Three hours storage at ambient temperature followed by 30 minutes warm-up operation
- Specified environmental conditions met
- Recommended calibration interval adhered to

Specifications with limits

Represent warranted product performance by means of a range of values for the specified parameter. These specifications are marked with limiting symbols such as $<$, \leq , $>$, \geq , \pm , or descriptions such as maximum, limit of, minimum. Compliance is ensured by testing or is derived from the design. Test limits are narrowed by guard bands to take into account measurement uncertainties, drift and aging, if applicable.

Specifications without limits

Represent warranted product performance for the specified parameter. These specifications are not specially marked and represent values with no or negligible deviations from the given value (e.g. dimensions or resolution of a setting parameter). Compliance is ensured by design.

Typical data (typ.)

Characterizes product performance by means of representative information for the given parameter. When marked with $<$, $>$ or as a range, it represents the performance met by approximately 80 % of the instruments at production time. Otherwise, it represents the mean value.

Measured values (meas.)

Characterize expected product performance by means of measurement results gained from individual samples.

Typical data as well as measured values are not warranted by Rohde & Schwarz.

Adapter/oscilloscope chart

Adapter from Rohde & Schwarz (R&S®)	RT-Z1M	RT-Z2T	RT-ZA9	RT-ZA50	RT-ZA51
Base units					
R&S®RTM3000		●		●	●
R&S®RTA4000		●		●	●
R&S®RTE		●		●	●
R&S®RTO6		●		●	●
R&S®RTP	●			●	●
Other instrument with 50 Ω input			●		●

- recommended extra
- possible accessory, with limited functionality of probe or base unit

Adapter/probe chart

Adapter from Rohde & Schwarz (R&S®)	RT-Z1M	RT-Z2T	RT-ZA9	RT-ZA50	RT-ZA51
Probes					
Passive probes					
R&S®RT-ZZ80			○		
R&S®RT-ZP1X	○				
R&S®RT-ZP03S	○				
R&S®RT-ZP05S	○				
R&S®RT-ZP10	●				
R&S®RT-ZH03	●				
R&S®RT-ZH10	●				
R&S®RT-ZH11	●				
Active probes					
R&S®RT-ZS10E			●		●
R&S®RT-ZS10			●		●
R&S®RT-ZS20			●		●
R&S®RT-ZS30			●		●
R&S®RT-ZS60			●		●

Adapter from Rohde & Schwarz (R&S®)	RT-Z1M	RT-Z2T	RT-ZA9	RT-ZA50	RT-ZA51
Differential probes					
R&S®RT-ZD002	●				
R&S®RT-ZD003	●				
R&S®RT-ZD01	●				
R&S®RT-ZD02			●		●
R&S®RT-ZD08			●		●
R&S®RT-ZHD07	●				
R&S®RT-ZHD15	●				
R&S®RT-ZHD16	●				
R&S®RT-ZHD60	●				
R&S®RT-ZD10			●		●
R&S®RT-ZD20			●		●
R&S®RT-ZD30			●		●
R&S®RT-ZD40			●		●
Modular probes					
R&S®RT-ZM15			○		●
R&S®RT-ZM30			○		●
R&S®RT-ZM60			○		●
R&S®RT-ZM90			○		●
R&S®RT-ZM130			○		●
R&S®RT-ZM160			○		●
Power rail probes					
R&S®RT-ZPR20			●		●
R&S®RT-ZPR40			●		●

Adapter from Rohde & Schwarz (R&S®)	RT-Z1M	RT-Z2T	RT-ZA9	RT-ZA50	RT-ZA51
Current probes					
R&S®RT-ZC02	●				
R&S®RT-ZC03	●				
R&S®RT-ZC10	●				
R&S®RT-ZC20	●				
R&S®RT-ZC30	●				
R&S®RT-ZC05B	●				
R&S®RT-ZC10B	●				
R&S®RT-ZC15B	●				
R&S®RT-ZC20B	●				
Adapter					
R&S®RT-ZA51				●	

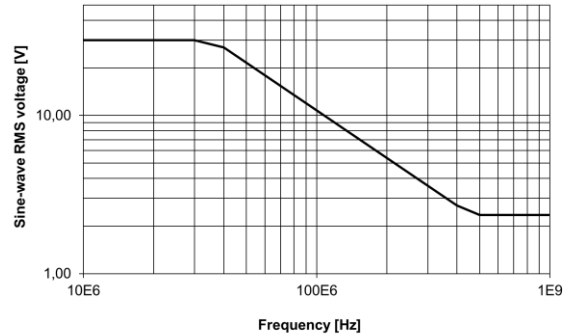
- recommended extra
- possible accessory, with limited functionality of probe or base unit

R&S®RT-Z1M 1 MΩ adapter

All parameters are valid when the adapter is connected to an appropriate Rohde & Schwarz oscilloscope with an input impedance of 50 Ω. See table on page 4 and Rohde & Schwarz oscilloscope operating manual for more details.

Dynamic characteristics		
Bandwidth	starting at DC	> 500 MHz
Rise time	10 % to 90 %, calculated from 0.35/bandwidth	700 ps
Bandwidth limiting filters	max. -1 dB, min. -4 dB	20 MHz, 200 MHz
Propagation delay	automatically compensated by R&S®RTP	
	adapter only	1.7 ns (meas.)
	200 MHz lowpass filter active	2.4 ns (meas.)
	20 MHz lowpass filter active	12.1 ns (meas.)
Input characteristics		
Input resistance		1 MΩ ± 1 %
Input capacitance		12 pF (meas.)
Input coupling		DC, AC
DC characteristics		
Input sensitivity	system	1 mV/div to 10 V/div
Gain error	initial (+5 °C to +45 °C)	±2 % (meas.)
	after self-alignment	±0.5 %
Offset range	>1 V/div to 10 V/div	±(60 V – 5 div × input sensitivity)
	>100 mV/div to 1 V/div	±(12 V – 5 div × input sensitivity)
	1 mV/div to 100 mV/div	±(1.5 V – 5 div × input sensitivity)
Offset error	after self-alignment	±(0.2 % × offset setting + 0.5 mV + 0.1 div × input sensitivity)
Maximum nondestructive input voltage	DC	±60 V
	AC, see figure on page 8	±42 V (peak)

Base unit		
Use with		R&S®RTP
Input coupling		50 Ω



R&S®RT-Z1M maximum rated sine-wave root mean square input voltage versus frequency

R&S®ProbeMeter

Measurement error	+15 °C to +35 °C	±0.1 % of reading ± 0.5 mV
	+5°C to +45 °C	±0.2 % of reading ± 1.0 mV
Temperature drift		±80 ppm/°C of reading ± 1 mV/°C
50/60 Hz rejection		> 87 dB
Integration time		147 ms

General data

Temperature		
Temperature loading	operating temperature range	+5 °C to +45 °C
	storage temperature range	-40 °C to +70 °C
Climatic loading		+25 °C/+40 °C cyclic at 95 % relative humidity without condensation, in line with IEC 60068-2-30
Altitude	operation	up to 3000 m
	transport	up to 4600 m
Mechanical resistance		
Vibration	sinusoidal	5 Hz to 150 Hz, max. 2 g at 55 Hz, 0.5 g from 55 Hz to 150 Hz, in line with EN 60068-2-6
	random	10 Hz to 500 Hz, acceleration 1.9 g (RMS), in line with EN 60068-2-64
Shock		40 g shock spectrum, in line with MIL-STD-810E
EMC		in line with IEC/EN 61326-1, IEC/EN 61326-2-1, CISPR 11/EN 55011(class B)
Calibration interval		2 years
RoHS		in line with directive 2011/65/EU and 2015/863/EU
Mechanical data		
Dimensions	adapter only (W x H x L)	approx. 34 mm x 37 mm x 124 mm (1.34 in x 1.46 in x 4.88 in)
Weight	adapter only	approx. 150 g (0.33 lb)
Probe interface	to oscilloscope	Rohde & Schwarz probe interface
	to probe	

R&S®RT-Z2T probe interface adapter

All parameters are valid for the adapter connected to an appropriate Rohde & Schwarz oscilloscope.

Bandwidth	adapter only, starting at DC	4 GHz (meas.)
DC input resistance		equals oscilloscope setting
Maximum nondestructive input voltage		lesser of ± 30 V and oscilloscope rating
Supply voltages		+15 V, +5 V, -5 V, -15 V
Supply voltage error	+23 °C \pm 5 °C	± 2 %
	0 °C to +45 °C	± 5 %
Maximum supply current	sum of currents on +15 V and +5 V rails	150 mA
	sum of currents on -15 V and -5 V rails	150 mA
Use with		R&S®RTM3000, R&S®RTA4000, R&S®RTE, R&S®RTO6
Supported probes	single-ended probes	P6205, P6243, P6245, P6241, P6249
	current probes	TCP202
	differential probes	P6246, P6247, P6248, P6250, P6251
	high voltage differential probes	P5205, P5210
	electro-optical probes	P6701B, P6703B, P6711, P6713

General data

Temperature		
Temperature loading	operating temperature range	0 °C to +45 °C
	storage temperature range	-40 °C to +70 °C
Climatic loading		+25 °C/+40 °C cyclic at 95 % relative humidity without condensation, in line with IEC 60068-2-30
Altitude	operation	up to 3000 m
	transport	up to 4600 m
Mechanical resistance		
Vibration	sinusoidal	5 Hz to 150 Hz, max. 1.8 g at 55 Hz, 0.5 g from 55 Hz to 150 Hz, in line with EN 60068-2-6
	random	10 Hz to 500 Hz, acceleration 1.9 g (RMS), in line with EN 60068-2-64
Shock		40 g shock spectrum, in line with MIL-STD-810E
EMC		in line with IEC/EN 61326-1, IEC/EN 61326-2-1, CISPR 11/EN 55011(class B)
Calibration interval		2 years
RoHS		in line with directive 2011/65/EU and 2015/863/EU
Mechanical data		
Dimensions	W x H x L	approx. 41 mm x 34 mm x 128 mm (1.6 in x 1.3 in x 5.0 in)
Weight		approx. 200 g (0.44 lb)
Probe interface	to oscilloscope	Rohde & Schwarz probe interface
	to probe	TekProbe™ level II interface

R&S®RT-ZA9 probe box to N/USB adapter

All parameters are valid for the probe box adapter only.

Electrical data		
Impedance		50 Ω
Frequency		DC to 18 GHz (meas.)
Maximum input voltage		lesser of ± 30 V and base unit rating
Return loss	DC to 12 GHz	≥ 28 dB (meas.)
	12 GHz to 18 GHz	≥ 23 dB (meas.)
Insertion loss	DC to 12 GHz	≤ 0.18 dB (meas.)
	12 GHz to 18 GHz	≤ 0.22 dB (meas.)
Mechanical data		
Mating cycles	RPC-N	≥ 500 (meas.)
	Rohde & Schwarz probe interface	≥ 5000 (meas.)
Interfaces		
Connector	1	Rohde & Schwarz probe interface
	2	RPC-N
RoHS		in line with directive 2011/65/EU and 2015/863/EU

R&S®RT-ZA50 probe interface extender

All parameters are valid for the adapter only.

Electrical data		
Impedance		50 Ω
Frequency		DC to 16 GHz (meas.)
Maximum input voltage		lesser of ±5 V and oscilloscope rating
Return loss	DC to 8 GHz	≥ 18 dB (meas.)
	8 GHz to 16 GHz	≥ 15 dB (meas.)
Insertion loss	DC to 8 GHz	≤ 0.28 dB (meas.)
	8 GHz to 16 GHz	≤ 0.45 dB (meas.)
Mechanical data		
Mating cycles	SMA	≥ 500 (meas.)
	Rohde & Schwarz probe interface	≥ 5000 (meas.)
Recommended torque	SMA	0.8 Nm to 1.1 Nm
Interfaces		
Connector	1	SMA
	2	Rohde & Schwarz probe interface
RoHS		in line with directive 2011/65/EU and 2015/863/EU

R&S®RT-ZA51 probe to 3.5 mm adapter

All parameters are valid for the adapter only.

Electrical data		
Impedance		50 Ω
Frequency		DC to 18 GHz (meas.)
Maximum input voltage		lesser of ±30 V and base unit rating
Return loss	DC to 8 GHz	≥ 23 dB (meas.)
	8 GHz to 18 GHz	≥ 17 dB (meas.)
Insertion loss	DC to 8 GHz	≤ 0.14 dB (meas.)
	8 GHz to 18 GHz	≤ 0.21 dB (meas.)
Mechanical data		
Mating cycles	Rohde & Schwarz probe interface	≥ 5000 (meas.)
	RPC-3.50	≥ 500 (meas.)
Recommended torque	RPC-3.50	0.8 Nm to 1.1 Nm
Interfaces		
Connector	1	Rohde & Schwarz probe interface
	2	RPC-3.50
RoHS		in line with directive 2011/65/EU and 2015/863/EU

Ordering information

Designation	Type	Order No.
Adapters		
1 M Ω adapter	R&S [®] RT-Z1M	1337.9200.02
Probe interface adapter	R&S [®] RT-Z2T	1338.0007.02
Probe box to N/USB adapter	R&S [®] RT-ZA9	1417.0909.02
Probe interface extender	R&S [®] RT-ZA50	1803.5265.02
Probe to 3.5 mm adapter	R&S [®] RT-ZA51	1803.5365.02
Passive probes		
8.0 GHz transmission line probe, 10:1, 500 Ω , 0.3 pF, 20 V (RMS) Incl. signal pin, solder-in (50); ground pin, solder-in (10); signal pin (2); ground pin, pogo (2); signal adapter, square pin (2); ground adapter, square pin (2); SMA(f) to BNC(m) adapter; marker band kit; accessory box; carrying case; operating manual	R&S [®] RT-ZZ80	1409.7608.02
500 MHz passive voltage probe, 10:1, 10 M Ω , 9.5 pF, 400 V (RMS) Incl. adjustment tool; coding rings (set) 3 x 4 colors; ground lead 15 cm; ground spring 2.5; solid tip CuBe 0.5 mm; sprung hook 2.5; spring tip gold-plated 0.5 mm; operating manual	R&S [®] RTM-ZP10	1409.7708.02
High voltage passive probes		
250 MHz high voltage probe, passive, 100:1, 100 M Ω , 6.5 pF, 850 V (RMS) Incl. adjustment tool; coding clips (set) 2 x 4 colors; signal pin (2); sprung hook 5 mm; ground lead 14 cm; insulating cap; protective cap; operating manual	R&S [®] RT-ZH03	1333.0873.02
400 MHz high voltage probe, passive, 100:1, 50 M Ω , 7.5 pF, 1 kV (RMS) Incl. adjustment tool; BNC adapter 5.0-L; coding rings (set) 3 x 4 colors; flexible adapter 5.0-L; ground lead 22 cm (2); ground lead 22 cm to 4 mm banana plug; insulating cap 5.0-L; operating manual; protection cap 5.0-L; safety alligator clip (2); solid tip 0.8 mm (5); spring tip 0.8 mm (5); sprung hook 5.0-L (2)	R&S [®] RT-ZH10	1409.7720.02
400 MHz high voltage probe, passive, 1000:1, 50 M Ω , 7.5 pF, 1 kV (RMS) See R&S [®] RT-ZH10 for equipment included	R&S [®] RT-ZH11	1409.7737.02

Designation	Type	Order No.
Active probes		
1.0 GHz active voltage probe, single-ended, 1 M Ω , 0.9 pF, BNC Incl. spring tip 0.5 mm; solid tip 0.5 mm; marker band kit; ground blade; ground pin; L-adapter; Y-lead adapter; ground lead, 6 cm; ground lead, 12 cm; ground lead, angled, 5 cm; ground lead, angled, 10 cm; micro clip (2); protective cap; power adapter; operating manual	R&S®RT-ZS10L	1333.0815.02
1.0 GHz active voltage probe, single-ended, 1 M Ω , 0.8 pF Incl. R&S®RT-ZA2 accessory set; R&S®ProbeMeter; micro button	R&S®RT-ZS10	1410.4080.02
1.0 GHz active voltage probe, single-ended, 1 M Ω , 0.8 pF Incl. signal pin (5); ground pin, pogo (2); ground pin, solderable, offset (2); marker band kit; mini clip (1); lead 15 cm (5.9 in) (1)	R&S®RT-ZS10E	1418.7007.02
1.5 GHz active voltage probe, single-ended, 1 M Ω , 0.8 pF Incl. R&S®RT-ZA2 accessory set; R&S®ProbeMeter; micro button	R&S®RT-ZS20	1410.3502.02
3.0 GHz active voltage probe, single-ended, 1 M Ω , 0.8 pF Incl. R&S®RT-ZA2 accessory set; R&S®ProbeMeter; micro button	R&S®RT-ZS30	1410.4309.02
6.0 GHz active voltage probe, single-ended, 1 M Ω , 0.3 pF Incl. R&S®ProbeMeter; micro button Incl. signal pin, solder-in (100); ground pin, solder-in (20); signal pin (5); ground pin, pogo (5); signal adapter, square pin (2); ground adapter, square pin (2); marker band kit; mini clip (2); micro clip (2); lead 6 cm (2.4 in) (2); lead 15 cm (5.9 in) (2); accessory box; carrying case; operating manual	R&S®RT-ZS60	1418.7307.02

Designation	Type	Order No.
Differential probes		
25 MHz differential probe, ± 700 V, 1 kV (RMS) CAT III, BNC Incl. sprung hook 4 mm (red, black); safety alligator clip 4 mm (red, black); USB power cord; trimming tool; operating manual	R&S [®] RT-ZD002	1337.9700.02
25 MHz differential probe, ± 1.4 kV, 1 kV (RMS) CAT III, BNC Incl. sprung hook 4 mm (red, black); safety alligator clip 4 mm (red, black); USB power cord; trimming tool; operating manual	R&S [®] RT-ZD003	1337.9800.02
100 MHz differential probe, ± 1.4 kV, 1 kV (RMS) CAT III, BNC Incl. sprung hook 4 mm (2); USB power cord; carrying case; operating manual	R&S [®] RT-ZD01	1422.0703.02
200 MHz differential probe, ± 20 V, BNC Incl. safety alligator clip 4 mm (2); sprung hook 4 mm (2); USB power cord; 9 V battery; carrying case; operating manual	R&S [®] RT-ZD02	1333.0821.02
800 MHz differential probe, ± 15 V, BNC Incl. lead 11 cm (2); lead 7 cm (2); signal pin (6); dual pin (4); mini clip (2); micro clip (2); USB power cord; 9 V battery; carrying case; operating manual	R&S [®] RT-ZD08	1333.0838.02
200 MHz differential probe, ± 750 V, 600 V (RMS) CAT II, Rohde & Schwarz probe interface Incl. R&S [®] RT-ZA24 accessory kit; R&S [®] RT-ZA22 test leads; R&S [®] RT-ZHD protector; carrying case; operating manual	R&S [®] RT-ZHD07	1800.2307.02
100 MHz differential probe, ± 1.5 kV, 1 kV (RMS) CAT III, Rohde & Schwarz probe interface Incl. R&S [®] RT-ZA24 accessory kit; R&S [®] RT-ZA22 test leads; R&S [®] RT-ZHD protector; carrying case; operating manual	R&S [®] RT-ZHD15	1800.2107.02
200 MHz differential probe, ± 1.5 kV, 1 kV (RMS) CAT III, Rohde & Schwarz probe interface Incl. R&S [®] RT-ZA24 accessory kit; R&S [®] RT-ZA22 test leads; R&S [®] RT-ZHD protector; carrying case; operating manual	R&S [®] RT-ZHD16	1800.2207.02
100 MHz differential probe, ± 6 kV, 1 kV (RMS) CAT III, Rohde & Schwarz probe interface Incl. R&S [®] RT-ZA24 accessory kit; R&S [®] RT-ZA22 test leads; R&S [®] RT-ZHD protector; carrying case; operating manual	R&S [®] RT-ZHD60	1800.2007.02

Designation	Type	Order No.
1.0 GHz active voltage probe, differential, 1 M Ω , 0.6 pF Incl. R&S [®] ProbeMeter; micro button, R&S [®] RT-ZA15 external attenuator See R&S [®] RT-ZD20 for additional equipment included	R&S [®] RT-ZD10	1410.4715.02
1.5 GHz active voltage probe, differential, 1 M Ω , 0.6 pF Incl. R&S [®] ProbeMeter; micro button Incl. signal pin, solder-in (10); signal pin, variable spacing (4); browser adapter; adapter, square pin (2); flex adapter, solder-in 4 cm (1.6 in) and 10 cm (3.9 in); flex adapter, square pin 4 cm (1.6 in) and 10 cm (3.9 in); lead 6 cm (2.4 in) (2); lead 15 cm (5.9 in) (1); mini clip (2); micro clip (2); marker band kit; carrying case; operating manual	R&S [®] RT-ZD20	1410.4409.02
3.0 GHz active voltage probe, differential, 1 M Ω , 0.6 pF See R&S [®] RT-ZD20 for equipment included	R&S [®] RT-ZD30	1410.4609.02
4.5 GHz active voltage probe, differential, 1 M Ω , 0.4 pF Incl. R&S [®] ProbeMeter; micro button Incl. signal pin, solder-in (100); socket adapter, variable spacing (2); browser adapter, rigid (2); browser adapter, spring loaded (2); lead 6 cm (2.4 in) (2); lead 15 cm (5.9 in) (1); mini clip (2); micro clip (2); marker band kit; carrying case; operating manual	R&S [®] RT-ZD40	1410.5205.02
Power rail probes		
2.0 GHz power rail probe, 1:1, low noise, 50 k Ω , large offset range \pm 60 V Incl. R&S [®] ProbeMeter; Incl. SMA extension cable, 1 m (39,4 in) (1), R&S [®] RT-ZA26 pigtail cable, 15 cm (5.9 in) (3); R&S [®] RT-ZA25 power rail browser kit (1); solder wire (1); adhesive pads (7); marker band kit; carrying case; operating manual	R&S [®] RT-ZPR20	1800.5006.02
4.0 GHz power rail probe, 1:1, low noise, 50 k Ω , large offset range \pm 60 V Incl. R&S [®] ProbeMeter; Incl. SMA extension cable low loss, 1.05 m (41.3 in) (1), R&S [®] RT-ZA26 pigtail cable, 15 cm (5.9 in) (3); R&S [®] RT-ZA25 power rail browser kit (1); solder wire (1); adhesive pads (7); marker band kit; carrying case; operating manual	R&S [®] RT-ZPR40	1800.5406.02

Designation	Type	Order No.
Modular probes		
1.5 GHz modular probe amplifier, differential, 400 k Ω , multimode Incl. R&S [®] ProbeMeter; micro button Incl. lead 15 cm (5.9 in) (1); Ag plated wire 0.1 mm (0.04 in) (1); Ag plated wire 0.2 mm (0.08 in) (1); solder wire (1); adhesive pads (7); solder-in resistor for R&S [®] RT-ZMA15 (20); solder lead for R&S [®] RT-ZMA12/15 (20); marker band kit; carrying case; operating manual	R&S [®] RT-ZM15	1800.4700.02
3.0 GHz modular probe amplifier, differential, 400 k Ω , multimode Incl. R&S [®] ProbeMeter; micro button See R&S [®] RT-ZM15 for additional equipment included	R&S [®] RT-ZM30	1419.3005.02
6.0 GHz modular probe amplifier, differential, 400 k Ω , multimode Incl. R&S [®] ProbeMeter; micro button See R&S [®] RT-ZM15 for additional equipment included	R&S [®] RT-ZM60	1419.3105.02
9.0 GHz modular probe amplifier, differential, 400 k Ω , multimode Incl. R&S [®] ProbeMeter; micro button See R&S [®] RT-ZM15 for additional equipment included	R&S [®] RT-ZM90	1419.3205.02
Tip cable, solder in, length: 15 cm, multimode compatible	R&S [®] RT-ZMA10	1419.4301.02
Tip cable, solder in, extended temperature, length: 15 cm, multimode compatible	R&S [®] RT-ZMA11	1419.4318.02
Tip cable, square pin, for 1.27 mm pin header, length: 15 cm, multimode compatible	R&S [®] RT-ZMA12	1419.4324.02
Tip cable, quick connect, for solder in resistor connection, length: 15 cm, multimode compatible	R&S [®] RT-ZMA15	1419.4224.02
Browser module, variable span from 0.5 mm to 8 mm, spring-loaded Incl. spring loaded resistor tips (2 pairs)	R&S [®] RT-ZMA30	1419.4353.02
SMA module, 2.92 mm/3.5 mm/SMA, differential, 100 Ω , DC termination, multimode compatible Incl. lead 11 cm (4.3 in) (1)	R&S [®] RT-ZMA40	1419.4201.02
Extended temperature kit, 1 m matched cable pair, multimode compatible, Incl. R&S [®] RT-ZMA11 (1); Ag plated wire 0.1 mm (0.04 in) (1); Ag plated wire 0.2 mm (0.08 in) (1); solder wire (1)	R&S [®] RT-ZMA50	1419.4218.02

Designation	Type	Order No.
Current probes		
20 kHz current probe, AC/DC, 0.01/0.001 V/A, 1000 A, 300 V (RMS) CAT III, BNC Incl. operating manual	R&S®RT-ZC02	1333.0850.02
100 kHz current probe, AC/DC, 0.1 V/A, 30 A, 300 V (RMS) CAT III, BNC Incl. operating manual	R&S®RT-ZC03	1333.0844.02
10 MHz current probe, AC/DC, 0.01 V/A, 150 A (RMS), BNC Incl. carrying case; operating manual	R&S®RT-ZC10	1409.7750K02
100 MHz current probe, AC/DC, 0.1 V/A, 30 A (RMS), BNC Incl. carrying case; operating manual	R&S®RT-ZC20	1409.7766K02
120 MHz current probe, AC/DC, 1 V/A, 5 A (RMS), BNC Incl. carrying case; operating manual	R&S®RT-ZC30	1409.7772K02
2 MHz current probe, AC/DC, 0.01 V/A, 500 A (RMS), Rohde & Schwarz probe interface Incl. carrying case; operating manual	R&S®RT-ZC05B	1409.8204.02
10 MHz current probe, AC/DC, 0.01 V/A, 150 A (RMS), Rohde & Schwarz probe interface Incl. carrying case; operating manual	R&S®RT-ZC10B	1409.8210.02
50 MHz current probe, AC/DC, 0.1 V/A, 30 A (RMS), Rohde & Schwarz probe interface Incl. carrying case; operating manual	R&S®RT-ZC15B	1409.8227.02
100 MHz current probe, AC/DC, 0.1 V/A, 30 A (RMS), Rohde & Schwarz probe interface Incl. carrying case; operating manual	R&S®RT-ZC20B	1409.8233.02

Service options		
Extended warranty, one year	R&S®WE1	Not available for all products.
Extended warranty, two years	R&S®WE2	
Extended warranty, three years	R&S®WE3	Please contact your local Rohde & Schwarz sales office.
Extended warranty, four years	R&S®WE4	
Extended warranty with calibration coverage, one year	R&S®CW1	
Extended warranty with calibration coverage, two years	R&S®CW2	
Extended warranty with calibration coverage, three years	R&S®CW3	
Extended warranty with calibration coverage, four years	R&S®CW4	
Extended warranty with accredited calibration coverage, one year	R&S®AW1	
Extended warranty with accredited calibration coverage, two years	R&S®AW2	
Extended warranty with accredited calibration coverage, three years	R&S®AW3	
Extended warranty with accredited calibration coverage, four years	R&S®AW4	

Extended warranty with a term of one to four years (WE1 to WE4)

Repairs carried out during the contract term are free of charge ¹. Necessary calibration and adjustments carried out during repairs are also covered.

Extended warranty with calibration (CW1 to CW4)

Enhance your extended warranty by adding calibration coverage at a package price. This package ensures that your Rohde & Schwarz product is regularly calibrated, inspected and maintained during the term of the contract. It includes all repairs ¹ and calibration at the recommended intervals as well as any calibration carried out during repairs or option upgrades.

Extended warranty with accredited calibration (AW1 to AW4)

Enhance your extended warranty by adding accredited calibration coverage at a package price. This package ensures that your Rohde & Schwarz product is regularly calibrated under accreditation, inspected and maintained during the term of the contract. It includes all repairs ¹ and accredited calibration at the recommended intervals as well as any accredited calibration carried out during repairs or option upgrades.

¹ Excluding defects caused by incorrect operation or handling and force majeure. Wear-and-tear parts are not included.

Service that adds value

- ▶ Worldwide
- ▶ Local and personalized
- ▶ Customized and flexible
- ▶ Uncompromising quality
- ▶ Long-term dependability

Rohde & Schwarz GmbH & Co. KG

www.rohde-schwarz.com

Rohde & Schwarz customer support

www.rohde-schwarz.com/support



Sustainable product design

- ▶ Environmental compatibility and eco-footprint
- ▶ Energy efficiency and low emissions
- ▶ Longevity and optimized total cost of ownership

Certified Quality Management

ISO 9001

Certified Environmental Management

ISO 14001

R&S® is a registered trademark of Rohde & Schwarz GmbH & Co. KG
Trade names are trademarks of the owners
PD 5215.8370.22 | Version 27.00 | February 2022 (sk)
R&S®RT-Zxx Oscilloscope Adapters
Data without tolerance limits is not binding | Subject to change
© 2018 - 2022 Rohde & Schwarz GmbH & Co. KG | 81671 Munich, Germany

5215837022



5215.8370.22 27.00 PDPPDWT1 en