

R&S® RT-Zxx STANDARD PROBES

Specifications



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Specifications | Version 24.00

ROHDE & SCHWARZ

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Definitions

General

Product data applies under the following conditions:

- Three hours of storage at ambient temperature followed by 30 minutes of 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.

Probe/oscilloscope chart

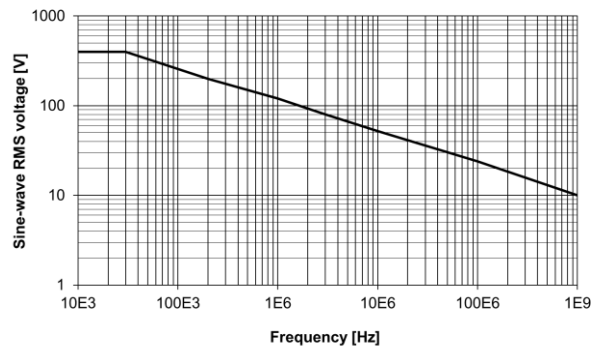
Base unit: R&S®	Probe interface	RTC1000	RTB 2	RTM3000	MXO 5	MXO 4	MXO 3	RTE	RTO	RTP	RTH	RT-ZA9	RT-Z1M	Page
Probe: R&S®														
Passive probes														
RT-ZP03S	BNC, 1 MΩ	●	●											9
RT-ZP05S	BNC, 1 MΩ, readout			●										12
RT-ZP05M							●							15
RTM-ZP10													●	18
RT-ZP10								●	●					18
RT-ZP11					●	●	●							21
RT-ZP1X		○	○	●	●	●	●	●	●					24
RT-ZPMMCX					●	●	●							26
RT-ZI10	BNC, 1 MΩ, isolated										●			–
RT-ZL03	pin header	●	●											29
RT-ZL04	Rohde & Schwarz extension			●		●		●	●	●	●			29

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

R&S®RT-ZP03 passive probe

All parameters are valid when the probe is connected to an appropriate Rohde & Schwarz oscilloscope with an input impedance of 1 M Ω . See table on page 5 and Rohde & Schwarz oscilloscope operating manual for more details.

		R&S®RT-ZP03	
Attenuation setting		1:1	10:1
Step response			
Rise time	system, 10 % to 90 %	35 ns (meas.)	1.15 ns (meas.)
Frequency response			
Bandwidth	system, -3 dB, starting at DC	> 10 MHz (meas.)	> 300 MHz (meas.)
Input impedance			
DC input resistance	system	1 M Ω	10 M Ω
Input capacitance	system	82 pF (meas.)	12 pF (meas.)
DC characteristics			
Attenuation error			± 3 % (meas.)
Maximum rated input voltage			
Continuous voltage	derated, see figure on page 7	55 V (RMS)	400 V (RMS)
Transient overvoltage			± 600 V
Base unit			
Use with		R&S®RTC1000, R&S®RTB 2	
Input coupling	AC/DC	1 M Ω	



R&S®RT-ZP03 maximum rated sine-wave root mean square voltage versus frequency (CAT I)

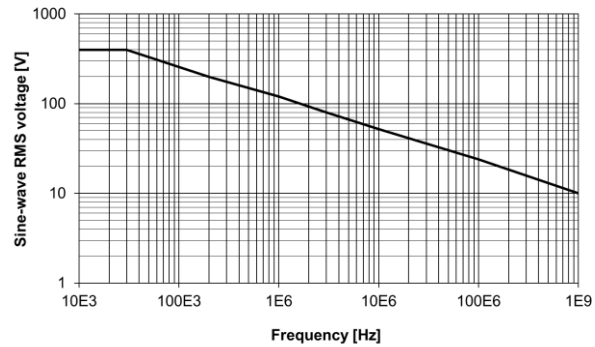
General data

Temperature		
Temperature loading	operating temperature range	0 °C to +40 °C
Climatic loading		80 % relative humidity without condensation
Altitude	operation	up to 2000 m
Safety		in line with Low Voltage Directive 2014/35/EU, IEC/EN 61010-31 (pollution degree 2)
RoHS		in line with RoHS Directive 2011/65/EU
Mechanical data		
Dimensions	diameter of probe tip	approx. 5 mm (0.2 in)
	cable length	approx. 1.2 m (47 in)
Weight	probe only	approx. 60 g (0.13 lb)
Probe interface		
Connector		BNC

R&S®RT-ZP03S passive probe

All parameters are valid when the probe is connected to an appropriate Rohde & Schwarz oscilloscope with an input impedance of 1 M Ω . See table on page 5 and Rohde & Schwarz oscilloscope operating manual for more details.

		R&S®RT-ZP03S
Attenuation setting		10:1
Step response		
Rise time	system, 10 % to 90 %	1.15 ns (meas.)
Frequency response		
Bandwidth	system, -3 dB, starting at DC	> 300 MHz (meas.)
Input impedance		
DC input resistance	system	10 M Ω
Input capacitance	system	12 pF (meas.)
DC characteristics		
Attenuation error		± 3 % (meas.)
Maximum rated input voltage		
Continuous voltage	derated, see figure on page 10	400 V (RMS)
Transient overvoltage		± 600 V
Base unit		
Use with		R&S®RTC1000, R&S®RTB 2
Input coupling	AC/DC	1 M Ω



R&S®RT-ZP03S maximum rated sine-wave root mean square voltage versus frequency (CAT I)

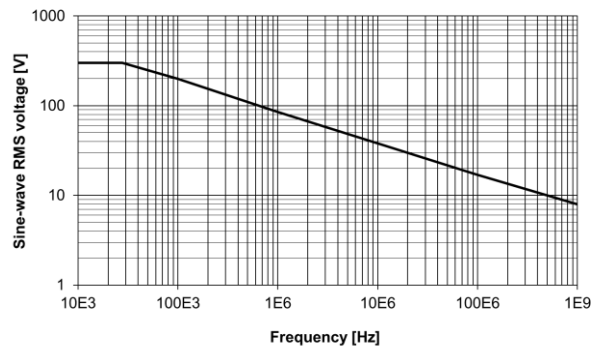
General data

Temperature		
Temperature loading	operating temperature range	0 °C to +40 °C
Climatic loading		80 % relative humidity without condensation
Altitude	operation	up to 2000 m
Safety		in line with Low Voltage Directive 2014/35/EU, IEC/EN 61010-31 (pollution degree 2)
RoHS		in line with RoHS Directive 2011/65/EU
Mechanical data		
Dimensions	diameter of probe tip	approx. 5 mm (0.2 in)
	cable length	approx. 1.2 m (47 in)
Weight	probe only	approx. 60 g (0.13 lb)
Probe interface		
Connector		BNC

R&S®RT-ZP05S passive probe

All parameters are valid when the probe is connected to an appropriate Rohde & Schwarz oscilloscope with an input impedance of 1 MΩ. See table on page 5 and Rohde & Schwarz oscilloscope operating manual for more details.

		R&S®RT-ZP05S
Step response		
Rise time	system, 10 % to 90 %	700 ps (meas.)
Frequency response		
Bandwidth	system, -3 dB, starting at DC	> 500 MHz (meas.)
Input impedance		
DC input resistance	system	10 MΩ
Input capacitance	system	10 pF (meas.)
DC characteristics		
Attenuation	system	10:1
Attenuation error	system	±3 % (meas.)
Maximum rated input voltage		
Continuous voltage	derated, see figure on page 13	300 V (RMS)
Transient overvoltage		±450 V
Base unit		
Use with		R&S®RTM3000
Input coupling	AC/DC	1 MΩ



R&S®RT-ZP05S maximum rated sine-wave root mean square voltage versus frequency (CAT I)

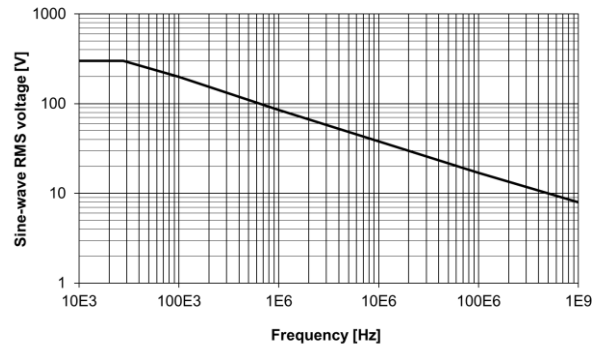
General data

Temperature		
Temperature loading	operating temperature range	0 °C to +40 °C
Climatic loading		80 % relative humidity without condensation
Altitude	operation	up to 2000 m
Safety		in line with Low Voltage Directive 2014/35/EU, IEC/EN 61010-31 (pollution degree 2)
RoHS		in line with RoHS Directive 2011/65/EU
Mechanical data		
Dimensions	diameter of probe tip	approx. 5 mm (0.2 in)
	cable length	approx. 1.3 m (51 in)
Weight	probe only	approx. 55 g (0.12 lb)
Probe interface		
Connector		BNC with readout

R&S®RT-ZP05M passive probe

All parameters are valid when the probe is connected to an appropriate Rohde & Schwarz oscilloscope with an input impedance of 1 MΩ. See table on page 5 and Rohde & Schwarz oscilloscope operating manual for more details.

		R&S®RT-ZP05M
Step response		
Rise time	system, 10 % to 90 %	700 ps (meas.)
Frequency response		
Bandwidth	system, -3 dB, starting at DC	> 500 MHz (meas.)
Input impedance		
DC input resistance	system	10 MΩ
Input capacitance	system	10 pF (meas.)
DC characteristics		
Attenuation	system	10:1
Attenuation error	system	±3 % (meas.)
Maximum rated input voltage		
Continuous voltage	derated, see figure on page 16	300 V (RMS)
Transient overvoltage		±450 V
Base unit		
Use with		R&S®RTM3000
Input coupling	AC/DC	1 MΩ



R&S®RT-ZP05M maximum rated sine-wave root mean square voltage versus frequency (CAT I)

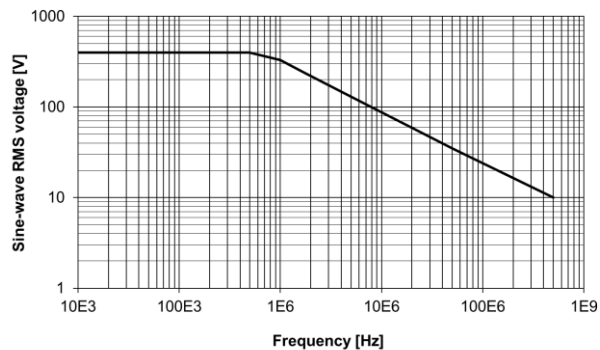
General data

Temperature		
Temperature loading	operating temperature range	0 °C to +40 °C
Climatic loading		80 % relative humidity without condensation
Altitude	operation	up to 2000 m
Safety		in line with Low Voltage Directive 2014/35/EU, IEC/EN 61010-31 (pollution degree 2)
RoHS		in line with RoHS Directive 2011/65/EU
Mechanical data		
Dimensions	diameter of probe tip	approx. 5 mm (0.2 in)
	cable length	approx. 1.3 m (51 in)
Weight	probe only	approx. 55 g (0.12 lb)
Probe interface		
Connector		BNC with readout

R&S®RT-ZP10, R&S®RTM-ZP10 passive probes

All parameters are valid when the probe is connected to an appropriate Rohde & Schwarz oscilloscope with an input impedance of 1 M Ω . See table on page 5 and Rohde & Schwarz oscilloscope operating manual for more details.

		R&S®RT-ZP10	R&S®RTM-ZP10
Step response			
Rise time	system, 10 % to 90 %	700 ps (meas.)	
Frequency response			
Bandwidth	system, -3 dB, starting at DC	> 500 MHz (meas.)	
Input impedance			
DC input resistance	system	10 MΩ ± 1 %	
Input capacitance	system	9.5 pF (meas.)	
DC characteristics			
Attenuation	system, automatically corrected on base unit display	10:1	
Attenuation error	probe only, with ideal 1 MΩ load impedance	±2 %	
Attenuation voltage coefficient		±0.00025 %/V (meas.)	
Maximum rated input voltage			
Continuous voltage	derated, see figure on page 19	400 V (RMS) 300 V (RMS), CAT II	
Transient overvoltage		±1650 V	
Base unit			
Use with		R&S®RTA4000, R&S®RTE, R&S®RTO	R&S®RT-Z1M
Input capacitance	must be compensated by probe's LF compensation	5 pF to 20 pF	
Input coupling	AC/DC	1 MΩ	



R&S®RT-ZP10, R&S®RTM-ZP10 maximum rated sine-wave root mean square voltage versus frequency

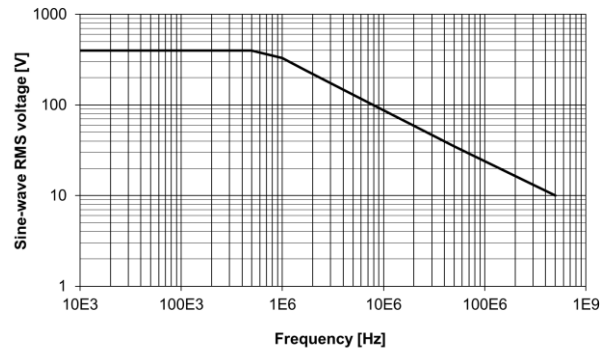
General data

Temperature		
Temperature loading	operating temperature range	0 °C to +50 °C
	storage temperature range	–40 °C to +70 °C
Climatic loading		80 % relative humidity for temperatures up to +31 °C, decreasing linearly to 40 % at +50 °C
Altitude	operation	up to 2000 m
	transport	up to 15000 m
Safety		in line with Low Voltage Directive 2014/35/EU, IEC/EN 61010-31 (pollution degree 2)
RoHS		in line with RoHS Directive 2011/65/EU
Mechanical data		
Dimensions	diameter of probe tip	approx. 2.5 mm (0.1 in)
	cable length	approx. 1.3 m (51 in)
Weight	probe only	approx. 48 g (0.1 lb)
Probe interface		
Connector		BNC with readout

R&S®RT-ZP11 passive probe

All parameters are valid when the probe is connected to an appropriate Rohde & Schwarz oscilloscope with an input impedance of 1 M Ω . See table on page 5 and Rohde & Schwarz oscilloscope operating manual for more details.

		R&S®RT-ZP11
Step response		
Rise time	system, 10 % to 90 %	700 ps (meas.)
Frequency response		
Bandwidth	system, -3 dB, starting at DC	> 700 MHz (meas.)
Input impedance		
DC input resistance	system	10 M Ω $\pm$ 1 %
Input capacitance	system	9.5 pF (meas.)
DC characteristics		
Attenuation	system, automatically corrected on base unit display	10:1
Attenuation error	probe only, with ideal 1 M Ω load impedance	$\pm$ 2 %
Attenuation voltage coefficient		$\pm$ 0.00025 %/V (meas.)
Maximum rated input voltage		
Continuous voltage	derated, see figure on page 22	400 V (RMS)
		300 V (RMS), CAT II
Transient overvoltage		$\pm$ 1650 V
Base unit		
Use with		R&S®MXO 4
Input capacitance	must be compensated by probe's LF compensation	5 pF to 20 pF
Input coupling	AC/DC	1 M Ω



R&S®RT-ZP11 maximum rated sine-wave root mean square voltage versus frequency

General data

Temperature		
Temperature loading	operating temperature range	0 °C to +50 °C
	storage temperature range	–40 °C to +71 °C
Climatic loading		80 % relative humidity for temperatures up to +31 °C, decreasing linearly to 40 % at +50 °C
Altitude	operation	up to 2000 m
	transport	up to 15000 m
Safety		in line with Low Voltage Directive 2014/35/EU, IEC/EN 61010-31 (pollution degree 2)
RoHS		in line with RoHS Directive 2011/65/EU
Mechanical data		
Dimensions	diameter of probe tip	approx. 2.5 mm (0.1 in)
	cable length	approx. 1.3 m (51 in)
Weight	probe only	approx. 48 g (0.1 lb)
Probe interface		
Connector		BNC with readout

R&S®RT-ZP1X passive probe

All parameters are valid when the probe is connected to an appropriate Rohde & Schwarz oscilloscope with an input impedance of 1 M Ω . See table on page 5 and Rohde & Schwarz oscilloscope operating manual for more details.

		R&S®RT-ZP1X
Step response		
Rise time	system, 10 % to 90 %	9 ns (meas.)
Frequency response		
Bandwidth	system, -3 dB, starting at DC, oscilloscope with input capacitance < 15 pF	> 38 MHz (meas.)
Input impedance		
DC input resistance	system	1 M Ω
Input capacitance	system	39 pF + oscilloscope input impedance (meas.)
DC characteristics		
Attenuation	system	1:1
Maximum rated input voltage		
DC input voltage		60 V
AC input voltage	observe derating of oscilloscope	30 V (RMS)
Base unit		
Input coupling	AC/DC	1 M Ω

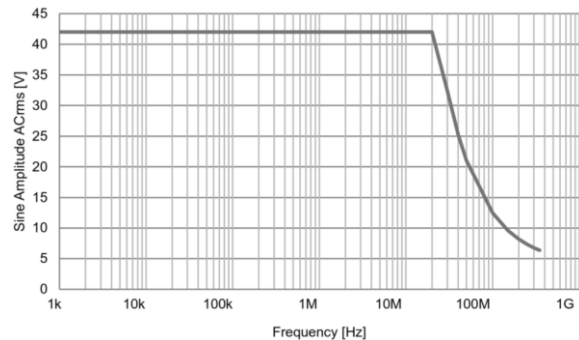
General data

Temperature		
Temperature loading	operating temperature range	0 °C to +50 °C
	storage temperature range	–40 °C to +71 °C
Climatic loading		80 % relative humidity for temperatures up to +31 °C, decreasing linearly to 40 % at +50 °C
Altitude	operation	up to 2000 m
	transport	up to 15000 m
Safety		in line with Low Voltage Directive 2014/35/EU, IEC/EN 61010-31 (pollution degree 2)
RoHS		in line with RoHS Directive 2011/65/EU
Mechanical data		
Dimensions	diameter of probe tip	approx. 2.5 mm (0.1 in)
	cable length	approx. 1.3 m (51 in)
Weight	probe only	approx. 48 g (0.1 lb)
Probe interface		
Connector		BNC with readout

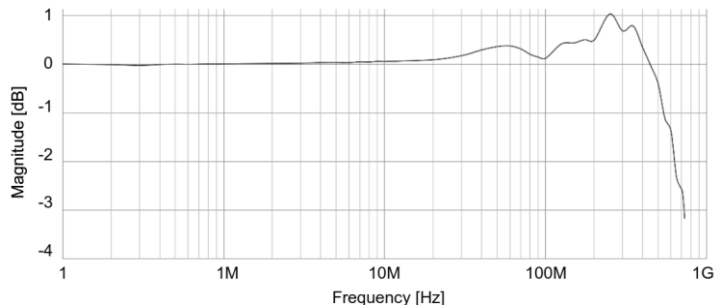
R&S®RT-ZPMMCX passive probe

All parameters are valid when the probe is connected to an appropriate Rohde & Schwarz oscilloscope with an input impedance of 1 M Ω . See table on page 5 and Rohde & Schwarz oscilloscope operating manual for more details.

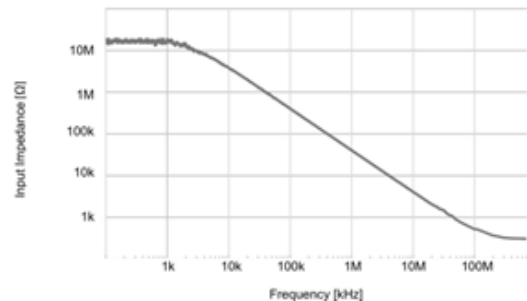
		R&S®RT-ZPMMCX
Step response		
Rise time	system, 10 % to 90 %	< 570 ps (meas.)
Frequency response		
Bandwidth	system, -3 dB, starting at DC	> 700 MHz (meas.)
Propagation delay		< 5 ns (meas.)
Input impedance		
DC input resistance	system	14.9 M Ω $\pm$ 1 %
Input capacitance	system	< 4 pF (meas.)
DC characteristics		
Attenuation	system, automatically corrected on base unit display	25:1
Attenuation error	probe only, with ideal 1 M Ω load impedance	$\pm$ 2 % at DC
Maximum rated input voltage		
DC voltage		$\pm$ 60 V
AC voltage	derated, see figure on page 19	30 V (RMS)
Transient peak voltage		$\pm$ 42 V
Base unit		
Use with		MXO
Input capacitance	must be compensated by probe's LF compensation	7 pF to 20 pF
Input coupling	AC/DC	1 M Ω



R&S®RT-ZPMMCX typical voltage derating



R&S®RT-ZPMMCX typical frequency response (normalized)



R&S®RT-ZPMMCX typical differential input impedance (full bandwidth)

General data

Temperature		
Temperature loading	operating temperature range	–40 °C to +60 °C
	storage temperature range	–40 °C to +71 °C
Climatic loading	operating climatic loading	80 % relative humidity for temperatures up to +31 °C, decreasing linearly to 40 % at +45 °C, non-condensing humidity
	storage climatic loading	95 % relative humidity for temperatures up to +40 °C
Altitude	operation	up to 2000 m
	transport	up to 15000 m
Safety		in line with Low Voltage Directive 2014/35/EU, IEC/EN 61010-031 (pollution degree 2)
RoHS		in line with RoHS Directive 2011/65/EU
EMC		in line with IEC/EN 61326-1
Mechanical data		
Dimensions	length	approx. 1.2 m (47 in)
Weight	probe only	approx. 45 g (0.1 lb)
Probe interfaces		
Input connector		MMCX (male)
Output connector		BNC (male) with readout

R&S®RT-ZL03/-ZL03X/-ZL04 logic probes

All parameters are valid when the probe is connected to an appropriate Rohde & Schwarz oscilloscope.

See table on page 5 and Rohde & Schwarz oscilloscope operating manual for more details.

		R&S®RT-ZL03	R&S®RT-ZL03X	R&S®RT-ZL04
Input channels		8 (D0-D7)	8 (D0-D7)	8 (D0-D7)
	Frequency response			
Maximum input frequency		350 MHz (meas.)	300 MHz (meas.)	400 MHz (meas.)
	Input impedance			
DC input resistance		100 kΩ ± 2 % (meas.)		
Input capacitance		4 pF (meas.)		
	DC characteristics			
Minimum input voltage swing		500 mV (V _{pp}) (meas.)		
Threshold groups		1	2 (D0-D3, D4-D7)	
Threshold voltage setting range		±8 V		
Threshold error		threshold setting between ±4 V ±(100 mV + 3 % of threshold setting) (meas.)		
Hysteresis settings		normal, robust, maximum		
	Maximum rated input voltage			
Maximum input voltage		±40 V (V _p); 32 V (RMS), derates to 7 V (RMS) with 20 dB/decade at frequencies above 25 MHz		
	Base unit			
Use with		R&S®RTC1000, R&S®RTB 2	MXO 3	R&S®RTM3000, R&S®RTA4000, R&S®RTH, R&S®RTO6, R&S®RTP, MXO 4, MXO 5/MXO 5C

General data

		R&S®RT-ZL03	R&S®RT-ZL03X	R&S®RT-ZL04
	Temperature			
Temperature loading	operating temperature range	+5 °C to +40 °C	0 °C to +45 °C	
	storage temperature range	−40 °C to +70 °C		
Climatic loading		80 % relative humidity for temperatures up to +31 °C, decreasing linearly to 40 % at +50 °C		
Altitude	operation	up to 3000 m		
	transport	up to 4600 m		
Safety		in line with Low Voltage Directive 2014/35/EU, IEC/EN 61010-31 (pollution degree 2)		
RoHS		in line with RoHS Directive 2011/65/EU		
EMC		in line with IEC/EN 61326-1 (class A)		
	Mechanical data			
Dimensions	probe module (L × W × H)	approx. 75 mm × 45 mm × 14 mm (3 in × 1.8 in × 0.6 in)		
	length of probe cable	approx. 1 m (39 in)		
	length of tip cables	approx. 160 mm (6.3 in)		
Weight	probe only	approx. 100 g (0.22 lb)		
	Probe interface			
Connector		pin header (26-pole)	OCuLink (42 pole)	Rohde & Schwarz extension interface

Ordering information

Designation	Type	Order No.
Standard probes		
300 MHz passive voltage probe, 1:1/10:1, 10 M Ω , 12 pF, 400 V (RMS) Incl. adjustment tool; coding clips (set) 2 $\times$ 4 colors; signal pin (2); sprung hook 5 mm; ground spring; ground lead 14 cm; insulating cap; protective cap; operating manual	R&S®RT-ZP03	3622.2817.02 discontinued
300 MHz passive voltage probe, 10:1, 10 M Ω , 12 pF, 400 V (RMS) Incl. adjustment tool; coding clips (set) 2 $\times$ 4 colors; signal pin (2); sprung hook 5 mm; ground spring; ground lead 14 cm; insulating cap; protective cap; operating manual	R&S®RT-ZP03S	1803.1001.02
500 MHz passive voltage probe, 10:1, 10 M Ω , 10 pF, 300 V (RMS) Incl. adjustment tool; coding clips (set) 2 $\times$ 4 colors; signal pin (2); sprung hook 5 mm; ground spring; ground lead 14 cm; insulating cap; protective cap; BNC adapter; operating manual	R&S®RT-ZP05S	1333.2401.02
500 MHz passive voltage probe, 10:1, 10 M Ω , 10 pF, 300 V (RMS) Incl. adjustment tool; coding clips (set) 2 $\times$ 4 colors; signal pin (2); sprung hook 5 mm; ground spring; ground lead 14 cm; insulating cap; protective cap; BNC adapter; operating manual	R&S®RT-ZP05M	1335.3505.02
500 MHz passive voltage probe, 10:1, 10 M Ω , 9.5 pF, 400 V (RMS) Incl. adjustment tool; coding rings (set) 3 $\times$ 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®RT-ZP10	1409.7550.00
700 MHz passive voltage probe, 10:1, 10 M Ω , 9.5 pF, 400 V (RMS) Incl. adjustment tool; coding rings (set) 3 $\times$ 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®RT-ZP11	1803.0005.02
500 MHz passive voltage probe, 10:1, 10 M Ω , 9.5 pF, 400 V (RMS) See R&S®RT-ZP10 for equipment included	R&S®RTM-ZP10	1409.7708.02

Designation	Type	Order No.
38 MHz passive voltage probe, 1:1, 1 M Ω , 39 pF, 55 V (RMS) Incl. BNC adapter 2.5; coding rings (set) 3 $\times$ 4 colors; ground blade 2.5; copper pad, self-adhesive (2 cm $\times$ 2 cm) (0.79 in $\times$ 0.79 in) (2); ground lead 15 cm; ground spring 2.5; IC-cap 2.5 0.5 mm pitch green; IC-cap 2.5 0.65 mm pitch blue; IC-cap 2.5 0.8 mm pitch grey; IC-cap 2.5 1.0 mm pitch brown; IC-cap 2.5 01.27 mm pitch black; insulating cap 2.5; protection cap; solid tip CuBe 0.5 mm (2); sprung hook 2.5; spring tip gold-plated 0.5 mm (2); operating manual	R&S®RT-ZP1X	1333.1370.02
700 MHz passive probe, MMCX, 25:1, 14.9 M Ω , 4 pF, 30 V (RMS) Incl. MMCX Y-lead adapter, Pico Hook (red), Pico Hook (black), adjustment tool and user manual	R&S®RT-ZPMMCX	1803.1599.02
350 MHz logic probe, 8 channels, 100 k Ω , 4 pF Incl. tip cable (8); mini clip (8); lead, 6 cm (8); lead, 10 cm (2); number stickers; operating manual	R&S®RT-ZL03	1333.0715.02
300 MHz logic probe, 8 channels, 100 k Ω , 4 pF Incl. tip cable (8); mini clip (8); lead, 6 cm (8); lead, 10 cm (2); number stickers; documentation card	R&S®RT-ZL03X	1335.3005.02
400 MHz logic probe, 8 channels, 100 k Ω , 4 pF Incl. tip cable (8); mini clip (8); lead, 6 cm (8); lead, 10 cm (2); number stickers; documentation card	R&S®RT-ZL04	1333.0721.02
Accessories and sets		
Accessory kit for R&S®RT-ZP10, R&S®RTM-ZP10 passive voltage probes Contains: adjustment tool; BNC adapter 2.5; coding rings (set) 3 $\times$ 4 colors; dual adapter 2.5 mm to 0.8 mm sockets; ground blade 2.5; copper pad, self-adhesive (2 cm $\times$ 2 cm) (0.79 in $\times$ 0.79 in) (2); ground lead 15 cm; ground spring 2.5 (5); IC-cap 2.5 0.5 mm pitch green; IC-cap 2.5 0.65 mm pitch blue; IC-cap 2.5 0.8 mm pitch grey; IC-cap 2.5 1.0 mm pitch brown; IC-cap 2.5 01.27 mm pitch black; insulating cap 2.5; solid tip CuBe 0.5 mm (5); sprung hook 2.5; spring tip gold-plated 0.5 mm (5)	R&S®RT-ZA1	1409.7566.02
Mini clips, contains: mini clip (10)	R&S®RT-ZA4	1416.0428.02
Micro clips, contains: micro clip (4)	R&S®RT-ZA5	1416.0434.02

Designation	Type	Order No.
Lead set, contains: lead 6 cm (2.4 in) (5); lead 15 cm (5.9 in) (5)	R&S®RT-ZA6	1416.0440.02
Adapter BNC to 4 mm dual banana	R&S®RT-ZA11	1333.0796.02
Adapter for PCB connection of 2.5 mm passive probes	R&S®RT-ZA27	1801.4784.02
Adapter for PCB connection of 2.5 mm passive probes, angled	R&S®RT-ZA28	1801.4790.02
Probe positioner, 2 legged	R&S®RT-ZA29	1801.4803.02
Probe tip accessory set for R&S®RT-ZP03, R&S®RT-ZP05S, R&S®RT-ZH03 passive voltage probes Contains: ground lead; retractable hook; adjustment tool; protection cap; identification tags; IC insulating cap; solid probe tip (2); spring-loaded probe tip (2); ground clip; BNC adapter;	R&S®RT-ZA40	1338.0742.02
3D probe positioner	R&S®RT-ZAP	1326.3641.02
Power deskew fixture	R&S®RT-ZF20	1800.0004.02

Warranty and service

Warranty		
Base unit		1 year
All other items		1 year
Service options		
	Service plans	On demand
Calibration	up to five years ²	pay per calibration
Warranty and repair	up to five years ²	standard price repair
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² For extended periods, contact your Rohde & Schwarz sales office.

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