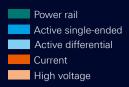
CHOOSE THE RIGHT PROBE FOR YOUR APPLICATION

Probe type



Power rail probe

Use a power rail probe to measure small AC characteristics of DC signals. These probes have a large built-in offset, 1:1 low-noise attenuation and excellent DC loading.



Benefits

- Accurately measure your power rail with a low-noise 1:1 probe attenuation factor
- High offset enables use of small vertical settings
- Integrated R&S®ProbeMeter accurately measures the DC voltage

https://www.rohde-schwarz.com/ product/power_rail_probes

Active single-ended probe

Upgrade to an active single-ended probe for more accurate higher frequency measurements. An amplifier built into the probe near the tip ensures low capacitive loading.



Benefits

- Low capacitive loading minimizes loading influence at higher frequencies
- Integrated R&S®ProbeMeter provides DC level with very high accuracv
- Built-in offset compensation enables higher vertical sensitivity

https://www.rohde-schwarz.com/ product/active_single-ended_probes





Active differential probe

Use differential probes to measure single-ended signals (signal to ground) versus minus).

and differential signals (plus

Confidently capture differential signals

- High common mode rejection ratio ensures accuracy with large common mode changes
- Signals under test retains high fidelity with thanks to capacitive probe loading

https://www.rohde-schwarz.com/ product/active_differential_probes



Safety is a key consideration

differential probes with the

appropriate CAT rating make

sure that large voltage spikes

cannot harm the operator.

when measuring high

voltages. High voltage

Benefits

- Measure fast-switching semiconductors up to 200 MHz Large offset compensation
- range up to 2000 V enables higher resolution
- High common mode rejection ratio enables accurate gatesource voltage measurements

https://www.rohde-schwarz.com/ product/high-voltage-probes



Current probe

Choose a clamp-on current probe for non-intrusive current measurements. These probes have a neqligible effect on the device under test and come in models with varving current and bandwidth ratings.

Benefits

Benefits

- Quickly measure small to large currents without disturbing your device
- Measure low to high frequency (> 100 MHz) current bandwidth
- Easily connect and power the probe with the Rohde & Schwarz probe interface on the oscilloscope

https://www.rohde-schwarz.com/ current_probes

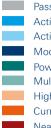


ROHDE&SCHWARZ

Make ideas real

DISCOVER THE PROBE PORTFOLIO FROM ROHDE & SCHWARZ

Probe type







Туре	Description	Bandwidth	Dynamic range
R&S®RT-ZP10	passive, single-ended, 10:1	500 MHz	400 V (RMS)
R&S®RT-ZI10	passive, single-ended, 10:1, isolated	500 MHz	600 V CAT IV, 1000 V CAT III
R&S®RT-ZZ80	passive, single-ended, 10:1, broadband	8 GHz	20 V (RMS)
R&S®RT-ZP1X	passive, single-ended, 1:1	38 MHz	55 V (RMS)
R&S®RT-ZS10L	active, single-ended, 10:1	1 GHz	±8 V
R&S®RT-ZS10E	active, single-ended, 10:11	1 GHz	±8 V
R&S®RT-ZS10/20/30/60	active, single-ended, 10:1 ^{1), 2)}	1/1.5/3/6/13/16 GHz	±8 V
R&S®RT-ZD01	active, differential, 100:1/1000:1	100 MHz	±140 V (100:1), ±1400 V (1000:1)
R&S®RT-ZD02	active, differential, 10:1	200 MHz	±20 V
R&S®RT-ZD08	active, differential, 10:1	800 MHz	±15 V
R&S®RT-ZD10/20/30	active, differential, 10:1 ^{1), 2)}	1/1.5/3 GHz	±5 V, with R&S [®] RT-ZA15: ±70 V DC, ±46 V AC (peak)
R&S®RT-ZD40	active, differential, 10:1 ^{1), 2)}	4.5 GHz	±5 V
R&S°RT-ZM15/30/60/90/130/160	active, multimode amplifier module, 10:1/2:1 ^{1), 2)}	1.5/3/6/9/13/16 GHz	
R&S®RT-ZMA10	solder-in ³⁾	4)	±2.5 V (10:1), ±0.5 V (1:1)
R&S®RT-ZMA12	square-pin ³⁾	⁴⁾ , max. 6 GHz	$\pm 2.5 \vee (10:1), \pm 0.5 \vee (1:1)$
R&S®RT-ZMA14	flex solder-in ³⁾	4)	$\pm 2.5 \vee (10.1), \pm 0.5 \vee (1.1)$
R&S®RT-ZMA15	quick-connect ³⁾	4)	$\pm 2.5 \vee (10.1), \pm 0.5 \vee (1.1)$
R&S®RT-ZMA30	browser ³⁾	4)	$\pm 2.5 \vee (10:1), \pm 0.5 \vee (1:1)$
R&S®RT-ZMA40	SMA ³⁾	⁴⁾ , max. 6 GHz	$\pm 2.5 \vee (10:1), \pm 0.5 \vee (1:1)$
R&S®RT-ZMA50	extreme temperature solder-in ³⁾	⁴⁾ , max. 2.5 GHz	$\pm 2.5 \vee (10:1), \pm 0.5 \vee (1:1)$
R&S®RT-ZPR20/40	active, single-ended, 1:11)	2 GHz/4 GHz	±850 mV
R&S®RT-ZVC02/04	multi-channel power probe	1 MHz	±1.8 V to ±15 V, ±4.5 µA to ±10 A
R&S®RT-ZH10	passive, single-ended, 100:1	400 MHz	1 kV (RMS)
R&S®RT-ZH11	passive, single-ended, 1000:1	400 MHz	1 kV (RMS)
R&S®RZ-ZI10C	passive, single-ended, 10:1, isolated, compact	500 MHz	300 V CAT III
R&S®RT-ZI11	passive, single-ended, 100:1, isolated	500 MHz	600 V CAT IV, 1000 V CAT III, 3540 V CAT 0
R&S®RT-ZD002	active, differential, 10:1/100:1	25 MHz	±700 V
R&S®RT-ZD003	active, differential, 20:1/200:1	25 MHz	±1400 V
R&S®RT-ZHD07	active, differential, 25:1/250:1 ^{1), 2)}	200 MHz	±750 V (peak)
R&S®RT-ZHD15/16	active, differential, 50:1/500:1 ^{1), 2)}	100 MHz/200 MHz	±1500 V (peak)
R&S®RT-ZHD60	active, differential, 100:1/1000:1 ^{1), 2)}	100 MHz	±6000 V (peak)
R&S®RT-ZC02	AC/DC current probe	20 kHz	100 A (RMS), 1000 A (RMS), 0.01 V/A, 0.001 V/A switchable
R&S®RT-ZC03	AC/DC current probe	100 kHz	20 A (RMS), ±30 A (peak), 0.1 V/A
R&S®RT-ZC05B	AC/DC current probe ¹⁾	2 MHz	500 A (RMS), ±700 A (peak), 0.01 V/A
R&S®RT-ZC10/B	AC/DC current probe ¹⁾	10 MHz	150 A (RMS), ±300 A (peak), 0.01 V/A
R&S®RT-ZC15B	AC/DC current probe ¹⁾	50 MHz	30 A (RMS), ±50 A (peak), 0.1 V/A
R&S®RT-ZC20/B	AC/DC current probe ¹⁾	100 MHz	30 A (RMS), ±50 A (peak), 0.1 V/A
R&S®RT-ZC30	AC/DC high-sensitivity current probe	120 MHz	5 A (RMS), ±7.5 A (peak), 1 V/A
R&S®HZ-14	active E and H near-field probe set ⁵⁾	9 kHz to 1 GHz	N/A
R&S®HZ-15	passive E and H near-field probe set	30 MHz to 3 GHz	N/A
R&S®HZ-17	compact H near-field probe set	30 MHz to 3 GHz	N/A

Includes Rohde&Schwarz probe interface.
Tip module for R&S®RT-ZMxx probes.

²⁾ Includes R&S[®]ProbeMeter and micro button for instrument control.

⁴⁾ Depends on amplifier module.

⁵⁾ Requires R&S[®]HZ-9 external power supply.