



ENGLISH

RS PRO Active Differential Probes

RS-SI 9001 - RS Part-No.: 1799565



Bandwidth	DC to 25 MHz (-3 dB)
Attenuation Ratio	x10 / x100
DC-Accuracy	±2 % (1 MΩ Oscilloscope)
Input Impedance	4 MΩ, 5.5 pF each side to ground
Rise Time	14 ns
Measurement Category	CAT III
Max. Amplitude	±7 V (1 MΩ Oscilloscope)
Offset	<±5 mV
Noise (typical)	0.7 mVrms
Source Impedance (typical)	50 Ω
CMRR (typical)	-86 dB @ 50 Hz, -66 dB @ 20 kHz
Input Voltage Differential Mode	x10: ±70 V (DC + peak AC) or 70 Vrms x100: ±700 V (DC + peak AC) or 700 Vrms
Input Voltage Common Mode	x10: ±700 V (DC + peak AC) or 700 Vrms x100: ±700 V (DC + peak AC) or 700 Vrms
Input Voltage Absolute max. Voltage	x10: ±1400 V (DC + peak AC) or 1000 Vrms x100: ±1400 V (DC + peak AC) or 1000 Vrms
Power requirements	4x AA Cells or Mains Adaptor 6 VDC / 60 mA or regulated 9 VDC / 40 mA
Dimensions (L x W x H)	170 mm x 63 mm x 21 mm
Cable	BNC Cable 95 cm - Input Leads 45 cm
Weight	400 g

Only connect to grounded measuring device!

RS-SI 9010A - RS Part-No.: 1799566



Bandwidth	DC to 70 MHz (-3 dB)
Attenuation Ratio	x100 / x1000
DC-Accuracy	±2 % (1 MΩ Oscilloscope)
Input Impedance	50 MΩ, 10 pF each side to ground
Rise Time	5 ns
Measurement Category	CAT I
Max. Amplitude	±1.4 V (1 MΩ Oscilloscope)
Offset	<±5 mV
Noise (typical)	0.9 mVrms
Source Impedance (typical)	50 Ω
CMRR (typical)	-80 dB @ 50 Hz, -60 dB @ 20 kHz
Input Voltage Differential Mode	x100: ±700 V (DC + peak AC) or 500 Vrms x1000: ±7000 V (DC + peak AC) or 5000 Vrms
Input Voltage Common Mode	x100: ±7000 V (DC + peak AC) or 5000 Vrms x1000: ±7000 V (DC + peak AC) or 5000 Vrms
Input Voltage Absolute max. Voltage	x100: ±7000 V (DC + peak AC) or 5000 Vrms x1000: ±7000 V (DC + peak AC) or 5000 Vrms
Power requirements	4x AA Cells or Mains Adaptor 6 VDC / 200 mA or regulated 9 VDC / 120 mA
Dimensions (L x W x H)	202 mm x 83 mm x 38 mm
Cable	BNC Cable 90 cm - Input Leads 60 cm
Weight	500 g

Only connect to grounded measuring device!

Factory Calibration Certificate,
USB Power Lead and Hardcase included



Factory Calibration Certificate,
USB Power Lead and Hardcase included

