

## SI-9302 Specifications

Bandwidth	DC to 300MHz (-3dB)
Attenuation Ratio	1:20/200
Accuracy	±1%
Rise Time	1.8ns
Input Impedance	3MΩ//2.5pF each side ground
Input Voltage	
- Differential Range	±85V (DC + AC Peak) and 60Vrms @1/20 ±850V (DC + AC Peak) and 600Vrms @1/200
- Common Mode Range	±600Vrms CAT II ±1400V (DC + AC Peak) and 1000Vrms
- Absolute Max. Voltage (either input to ground)	±600Vrms CAT II ±1400V (DC + AC Peak) and 1000Vrms
Output	
- Swing	±5V (into 50Ω load)
- Offset (typical)	<±1mV
- Noise (typical)	0.6mVrms @1/20 0.2mVrms @1/200
- Source Impedance (typical)	50Ω (for using 50Ω input system oscilloscope)
CMRR (typical)	-80 dB @ 60Hz, -50dB @ 10MHz
Power Requirements **	
- Standard	One 9V battery
- Options	Power leads, Mains adaptor** (6VDC/500mA or 9VDC/300mA)
Ambient Operating Temperature	-10 to 40°C
Ambient Storage Temperature	-30 to 70°C
Ambient Operating Humidity	Up to 85% RH
Ambient Storage Humidity	Up to 85% RH
Length of BNC Cable	120cm
Length of Input Leads	12cm
Weight	200gms
Dimensions (LxWxH)	111mm x 22mm x 14mm

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- For wrong polarity of power sources, a built-in circuit will protect the probe and no danger or damage will occur.
  - When the voltage of the cells become too low, the power indicator on the panel will flicker.