

SI-800 Specifications

Bandwidth	DC to 800MHz (-3dB)
Attenuation Ratio	1:10
Accuracy	±2%
Input Impedance	100KΩ//2pF each side to ground
Input Voltage	
- Differential Range	±15V(DC+AC Peak) and 15Vrms
- Common Mode Range	±30V(DC+AC Peak) and 30Vrms
- Absolute Max. Voltage	±40V(DC+AC Peak) and 40Vrms
Output Voltage	
- Swing	±1.5V (into 50Ω load)
- Offset (typical)	<±5mV
- Noise (typical)	0.3mVrms @20MHz bandwidth limit
- Source Impedance (typical)	50Ω (for using 50Ω input system oscilloscope)
CMRR (typical)	-60dB @60Hz, -15dB @ 500MHz
Power Requirements*	
- Standard	One 9V battery
- Options	Power leads, Mains adaptor* (6VDC/500mA or regulated 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
Weight	150gms
Dimensions (LxWxH)	111mm x 22mm x 14mm

* a. For wrong polarity of power sources, a built-in circuit will protect the probe and no danger or damage will occur.

b. When the voltage of the cells become too low, the power indicator on the panel will flicker.