SI-1501 Specifications

Bandwidth	DC to 1.5GHz (-3dB)
Attenuation Ratio	1:10
Accuracy	±1%
Rise Time	233psec (Typical)
Input Impedance	104KΩ//1pF each side to ground
Input Voltage	
- Differential Range	±20V(DC+AC Peak) and 20Vrms
- Common Mode Range	±40V(DC+AC Peak) and 40Vrms
- Absolute Max. Voltage	±40V(DC+AC Peak) and 40Vrms
Output Voltage	
- Swing	±2V (into 50Ω load)
- Offset (typical)	<±5mV
- Noise (typical)	0.5mVrms @20MHz bandwidth limit
- Source Impedance (typical)	50Ω (for using 50Ω input system oscilloscope
CMRR (typical)	-60dB @60Hz, -46dB @ 10MHz
	-26dB @100MHz, -15dB @ 1GHz
Power Requirements*	
- Standard	One 9V battery
- Options	Power leads, Mains adaptor*
	(6VDC/500mA or regulated 9VDC/300mA)
Ambient Operating Temperature	-10 to 40℃
Ambient Storage Temperature	-30 to 70℃
Ambient Operating Humidity	Up to 85% RH
Ambient Storage Humidity	Up to 85% RH
Length of BNC Cable	120cm
Weight	170gms
Dimensions (LxWxH)	111mm x 22mm x 14mm

* a. The supplied voltage must be less than 10V and greater than 4.5V, otherwise the probe could be damaged or can't be operated properly.

b. The polarity is "+" inside and "–" outside. For wrong polarity, built-in circuit protects the probe, no danger or damage will occur.

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