

Technical Specifications for differential probe

S No	Specifications	Details
1	Bandwidth (-3dB)	≥ 70 MHz
2	Rise time	≤ 5 nsec
3	Attenuation	100:1 / 1000:1
4	Gain accuracy (% of reading)	$\pm 2\%$ at 20-30°C, $\pm 4\%$ at 0-20°C and 30-50°C*
5	AC CMRR	-80 dB at 50/60 Hz; -60 dB at 20 kHz
6	Propagation delay	14 nsec at 50:1, 12.8 nsec at 500:1
7	Input R//C (each input to ground)	50 Mohm // 7 pF
8	Max differential operating voltage (DC+PeakAC)	± 7000 V at 1000:1 ; ± 700 V at 100:1
9	Max common mode operating voltage (RMS or DC+PeakAC)	± 7000 V at 1000:1 ; ± 7000 V at 100:1
10	Output maximum voltage range	7V into 1 Mohm (1000:1)
11	Scope's input impedance	1 Mohm BNC interface
12	Output offset	± 5 mV (typical)
13	Warranty	3 Years