

# DP-8V Differential Probe

## SPECIFICATIONS:

FUNCTION / MODEL	DP-8V
Differential Voltage DC + AC peak	8KV
Bandwidth (50 $\Omega$ load -3dB)	50MHz
Common Mode Voltage DC + AC peak	8KV
Common Mode Voltage RMS CAT II / CAT III	2.8KVrms
To Ground Maximum Voltage	4KV CAT III
Attenuation (Switchable)	x10, x100, x1000
Input R (Each Input)	10M $\Omega$ $\pm$ 2%
Input C (Each Input)	$\leq$ 4PF
Maximum Operation Voltage (DC+ AC peak)	$\leq$ 80V at x10 ; $\leq$ 800V at x100 $\leq$ 8KV at x1000
Common Mode Rejection Ratio (CMRR)	60 Hz: > 10000 : 1 100 Hz: > 1000 : 1 1MHz: > 300 : 1
Noise (Into 50 $\Omega$ Load)	$\leq$ 1.0m Vrms
Input Impedance (Between Input)	20M $\Omega$ // 2PF
Accuracy (at 20~30 $^{\circ}$ C 70%RH after 20 minutes)	$\leq$ $\pm$ 2%
Maximum Output Voltage	$\leq$ 8V p-p
Power Source	External 9V DC Adaptor
Other	Over Range Indicate

