

Powertek

Differential Probe



DP-30HS

- High Sensitivity Model
- 65 Vp-p/30MHz Max.
- 3 Range: x1/ x2/ x10
- Input Impedance 1MΩ/3.5PF



DP-40LV

- Low Voltage Model
- 650 Vp-p/40MHz Max.
- 3 Range: x10/ x20/ x100 Input
- Impedance 1MΩ/3.5PF



PL-10

Option PL-10 to Connect With Digital DMM

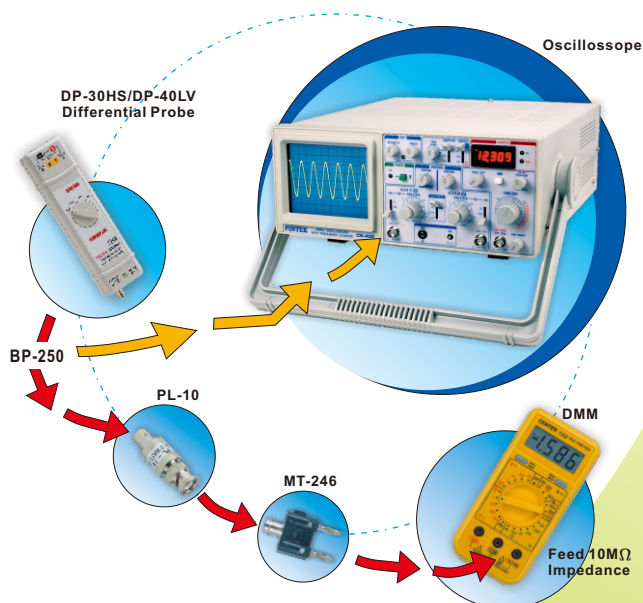


DP-30_{HS}/DP-40_{LV} Differential Probe

SPECIFICATIONS:

FUNCTION / MODEL	DP-30 _{HS}	DP-40 _{LV}
Differential Voltage DC + AC peak	65V	650V
Bandwidth (50Ω load -3dB)	30MHz(X2, X10)	40MHz(X20, X100)
Common Mode Voltage DC + AC peak	65V	650V
Common Mode Voltage RMS CAT II / CAT III	23Vrms	230Vrms
Attenuation (Switchable)	X1, X2, X10	X10, X20, X100
Input R (Each Input)	1MΩ ± 1%	1MΩ ± 1%
Input C (Each Input)	3.4 PF ± 5%	3.4 PF ± 5%
Maximum Operation Voltage (DC+ AC peak)	≤ ± 6.5V at x 1 ≤ ± 13V at x 2 ≤ ± 65V at x 10	≤ ± 65V at x 10 ≤ ± 130V at x 20 ≤ ± 650V at x 100
Common Mode Rejection Ratio (CMRR)	60 Hz: > 10000 : 1 100 Hz: > 1000 : 1 1MHz: > 300 : 1	60 Hz: > 20000 : 1 100 Hz: > 2000 : 1 1MHz: > 600 : 1
Noise (Into 50Ω Load)	≤ 1.0m Vrms	≤ 0.7m Vrms
Input Impedance (Between Input)	2MΩ // 1.7 PF	2MΩ // 1.7 PF
Accuracy (at 20~30°C 70%RH after 20 minutes)	≤ ± 2%	≤ ± 2%
Maximum Output Voltage	≤ ± 7.0V	≤ ± 7.0V
Power Source	External 6V ~ 9V DC	External 6V ~ 9V DC

ACCESSORIES:



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