

Powertek

Differential Probe

DP-200pro

200MHz/1.6KVp-p

- Super High Frequency Performance Model.
- Measuring Range: 20mVp-p~1.6KVp-p.
- Bandwidth: DC~200MHz(-3dB)
- 4 Range: x20, x50, x100, x200.
- Input Impedance: 18M Ω //1.7PF
- Over Range Indicate LED.
- Adapter Input Auto Regulation System.



DP-150pro

150MHz/8KVp-p

- Super Range Performance Model.
- Measuring Range: 10mVp-p~8KVp-p.
- Bandwidth: DC~150MHz(-3dB).
- 5 Range: x10, x30, x100, x300, x1000.
- Input Impedance: 100M Ω //1PF
- Over Range Indicate LED.
- Adapter Input Auto Regulation System.

Applications:

- High-speed Switch Mode Power Supply Design.
- Digital Design and Characterization.
- Manufacturing Engineering Test.
- Research and Development.
- High-Speed Digital Design.
- CAN/LIN Bus Design.



DP-150_{pro}/DP-200_{pro} Differential Probe

SPECIFICATIONS:

FUNCTION / MODEL	DP-200 _{pro}	DP-150 _{pro}
Differential Voltage DC + AC peak	1.6KV	8KV
Bandwidth (50Ω load -3dB)	200MHz	150MHz
Common Mode Voltage DC + AC peak	1.6KV	8KV
Common Mode Voltage AC /RMS	560V	2.8KV
Range (Switchable)	4(X20, X50, X100, X200)	5(X10, X30, X100, X300, X1000)
Input Impedance (Between Input)	18MΩ // 1.7 PF	100MΩ // 1 PF
Each Input R // C	9MΩ // 3.4 PF	50MΩ // 2 PF
Common Mode Rejection Ratio(CMRR)	60 Hz: > 10000 : 1 100 Hz: > 1000 : 1 1MHz: > 300 : 1	60 Hz: > 10000 : 1 100 Hz: > 1000 : 1 1MHz: > 300 : 1
Noise (Into 50Ω Load)	≤ 1m Vrms	≤ 1m Vrms
Accuracy	≤ ± 2%	≤ ± 2%
Maximum Output Voltage	≤ ± 5V	≤ ± 5V
Output Impedance	50Ω	50Ω
Input Over Range Indicate	Any Range	Any Range
Power Auto Regulation System	5V~12V	5V~12V
Power Source	External DC 9V/300mA	External DC 9V/300mA
Accessories	BP-250, BP-256N, BP-276N, BP-286, BP-356N, PX-501, ADP-110(or ADP-220)	BP-250, BP-266, BP-276N, BP-286, BP-366, PX-502, ADP-110(or ADP-220)

ACCESSORIES:

BP-256N (IC Clip, 1000V) 	BP-356N (Banana Plug to Banana Plug, 6KV/60cm) 	BP-250 (BNC Plug to BNC Plug, 50Ω cable 125cm) 	BP-276N (Alligator Clip, 1000V, 10A) 	Adapter ADP-110 ADP-220 DC 9V/300mA 
BP-266 (HV IC Clip, 6500V) 	BP-366 (HV Banana Plug to Banana Plug, 20KV/60cm) 	PX-501/PX-502 (Carry Box) 	BP-286 (Test Leader, 1000V) 	

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