

# 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: 18MΩ//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: 100MΩ//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<sub>pro</sub>/DP-200<sub>pro</sub> Differential Probe

## ● SPECIFICATIONS:

FUNCTION / MODEL	DP-200 <sub>pro</sub>	DP-150 <sub>pro</sub>
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:

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



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