

# **PINTEK**

## High Voltage Differential Probe

### DP-08VF

- ★ 150MHz High Frequency!
- ★ 800V p-p High Voltage!
- ★ x20, x200 Attenuator

- MAX. Input Voltage:  
±400V DC or 800V p-p or AC 280V rms
- Bandwidth: DC-150MHz
- Input Impedance 20MΩ // 5PF
- X20, X200 Attenuator
- To Ground MAX. Voltage: 400V
- Output Impedance 50Ω

150 MHz



### DP-16VF

- ★ 150MHz High Frequency!
- ★ 16KV p-p High Voltage!
- ★ x400, x4000 Attenuator

- MAX. Input Voltage:  
±8KV DC or 16KV p-p or AC 5.6KV rms
- Bandwidth: DC-150MHz
- Input Impedance 20MΩ // 5PF
- X400, X4000 Attenuator
- To Ground MAX. Voltage: 3.5KV CAT III
- Output Impedance 50Ω



**Pintek Electronics Co., Ltd**  
www.pintek.com.tw

# DP-08VF / 16VF High Voltage Differential Probe

## SPECIFICATIONS:

FUNCTION / MODEL	DP-08VF	DP-16VF
Bandwidth (50Ω load -3dB)	150MHz	
Attenuation (Switchable)	X20, X200	X400, X4000
Input Voltage		
Differential Voltage	±40V(DC+AC peak) about 28Vrms at X20 ±400V(DC+AC peak) about 280Vrms at X200	±800V(DC+AC peak) about 560Vrms at X400 ±8000V(DC+AC peak) about 5.6KVrms at X4000
Common Mode Range	±400V(DC+AC peak) about 140Vrms at X200	±8000V(DC+AC peak) about 2.8KVrms at X4000
Absolute Max Voltage	±400V(DC+AC peak) about 280Vrms at X200 in Differential Mode	±8000V(DC+AC peak) about 5.6KVrms at X4000 in Differential Mode
	±400V(DC+AC peak) about 140Vrms at X200 in Common Mode	±8000V(DC+AC peak) about 2.8KVrms at X4000 in Common Mode
CMRR	60Hz: 80 dB ; 100Hz: 60 dB ; 1MHz: 50 dB	
Noise (Into 50Ω Load)	≤ 1.0m Vrms	
Input Impedance (Differential)	20MΩ // 5PF	
Input Impedance (Each)	10MΩ // 10PF each side to ground	
Accuracy	≤ ± 2%	
Offset	≤ 5mV	
Maximum Output Voltage	≤ ± 2V	
Output Impedance	50Ω(for using 50Ω input system oscilloscope)	
Power Source	External 5V DC Adaptor	
Other	Over Range Indicate	

## ACCESSORIES:



# PINTEK



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