

PINTEK

High Voltage Differential Probe

DP-08VF

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

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



DP-16VF

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

- **MAX. Input Voltage:**
 $\pm 8KV$ DC or $16KV$ p-p or AC $5.6KV$ rms
- **Bandwidth: DC-150MHz**
- **Input Impedance $20M\Omega // 5PF$**
- **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:



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Pintek Electronics Co., Ltd

2F No.32 Tai-Pen Rd., Shulin Dist., New Taipei City, Taiwan

Tel: 886-2-86859562~3 ; 886-2-86861898

Fax: 886-2-86852081 ; 886-2-86861114

<http://www.pintek.com.tw>

E-Mail : pintek@pintek.com.tw ; pintek@ms26.hinet.net

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