DP-08VF

HIGH VOLTAGE DIFFERENTIAL PROBE

FEATURES:

- The DP-08VFdifferential voltage probe provides a safety means of measuring floating potentials for all models of oscilloscopes incomplete safety.
- It converts the high differential voltage (≦800VDC peak) into a low voltage (≦2.0V) with reference to the earth for display on the oscilloscopes.
- The BNC output is designed to operate on an input with an impedance of 50Ω.
- DP-08VFis a design for high sensitivity module and high dynamic range.Attenuation x20, x200 is multiple of 20.Maximum voltage is 800Vp-p. It is a model designed for high frequency.

SPECIFICATIONS:

(1) Bandwidth:DC - to 150 MHz (-3 dB)

(2) Attenuation:x20, or x200

(3) Accuracy:±2%

(4) VoltageInputRanges (DC + AC peak to peak)**:**

≦80Vp-p for x20,(i.e about 28VRMS or ±40VDC)

≦800Vp-p for x200, (i.e about 283VRMS or ±400VDC)

(5) Permitted Max Input Voltage:

Max differential voltage: 800V (DC + AC peak to peak)

Max voltage between each input terminal and ground: 283VRMS

(6) Input Impedance:10 MΩ // 10 pF each side to ground

(7) Output:≦±2.0 V

(8) Output Impedance: 50 Ω(for 50Ω input oscilloscope)

(9) Rise Time: 4 ns

(10) Rejection Rate on Common Mode:

60 Hz: ＞80 dB ; 100 Hz: ＞60 dB ; 1 MHz: ＞50 dB

(11) Power Supply: External 5 VDC power supply

(12) Consumption:500 mA about (5VDC)