



DP120 Differential Probe



The DP120 differential voltage probe is designed to make measurements on signals with floating reference. The DP120 has two probes with shrouded banana probe tips (one red, one black) and shielded cable for improved noise immunity. Input impedance between each input to shielding BNC is 5 M Ω in parallel with 6 pF. Input impedance between the inputs is 10 M Ω with a capacitance of 5 pF.

- **Input:** Probes with shrouded banana probe tip
- **Probe length:** 1.5 meter (60 inch)
- **Maximum Input Voltage to Ground:** 600V rms CAT III per IEC 1010-2-031 / 1000Vrms CAT II, per IEC 1010-2-031
- **Maximum Differential Voltage:** 1000V DC or 1000Vrms or 1200V (DC + ACpeak)
- **Output Cable:** Safety designed 0.5m (5ft) BNC Cable
- **Attenuation:** 200x and 20x
- **Bandwidth:** DC to 20 MHz (-3 dB)
- **Accuracy:** $\pm 2.5\%$
- **Rise time:** 17.5 ns
- **CMRR:** 200x: @ 60 Hz = 80dB, @ 1 MHz = 50 dB 20x: @ 60 Hz = 70dB, @ 1 MHz = 40 dB
- **Battery type:** Alkaline 9 volt, NEDA, IEC6LR61
- **Battery life:** 8-hour operation, 400-hour stand by
- **Power Adapter:** PM 8907/80n (optional)
- **Included Accessories:** AC85A Large Jaw Alligator Clips and AC83 Pin-Grabber Test Clips

Model Name	Description
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