

All Products

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80K-6



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High Voltage Probe

The 80K-6 extends the voltage measuring capability of an ac/dc voltmeter up to 6,000 volts. A 1000:1 voltage divider provides a high input impedance. High accuracy is provided when the probe is used with a voltmeter having a 10 Megohm input impedance. A molded plastic body houses the divider and protects the user from the voltage being measured. Warning: To avoid damage or electric shock, use high voltage probes under dry conditions (no condensations) in low energy applications, such as CRT supplies. Voltage range: 0 to 6 kV, dc or peak ac Input impedance: 75 Megohms nominal Division ratio: 1000:1 Must be referenced to earth ground. Accuracy: DC to 500 Hz, ±1%; 500 Hz to 1 kHz, ±2% Above 1 kHz: Output reading falls, typically, -30% at 10 kHz DVM Compatibility: The 80K-6 achieves rated accuracy when used with an ac/dc voltmeter having 0.25% accuracy or better, and an input impedance of 10 Megaohm ± 10%

Product	Limitations
10	1 volt resolution DC only
11	1 volt resolution DC only
12	1 volt resolution DC only
12B	1 volt resolution DC only
16	1 volt resolution DC only
21-III	1 volt AC resolution
23-III	1 volt AC resolution
26-III	None
27	None
70-III	1 volt AC resolution
73-III	1 volt AC resolution
75-III	1 volt AC resolution
77-III	1 volt AC resolution

79-III	None
8060A	None
8062A	None
83-III	None
85-III	None
863	DC Only
867B	DC Only
87-III	None

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