KVVB Compact DC Voltage Divider

- *Excellent Stability*
- *Compact Size*
- *Low temperature Coefficient*
- *<0.025 % DC Ratio Accuracy*
- *Accredited Calibration Included*

Based on a design by Julie Research Laboratories, the KVVB is an economical, stable, highly accurate voltage divider. It allows measurement of voltages up to 10 kV dc.

A recent design upgrade uses low thermal emf binding posts for the measurement output (earlier JRL designs are still available).

The KVVB has < 0.025 % ratio accuracy through full voltage range.

The KVVB consists of precision resistors encapsulated in silicon resin in a diallyl phthalate housing. Careful internal layout reduce leakage and corona effects.

The KVVB has a temperature coefficient of resistance (tcr) of less than 5 ppm / °C.

The input terminal has an anti-corona ball for reduced risk of arcing. Four mounting holes are provided at the corners.

Every KVVB includes ISO17025 accredited, traceable calibration through full voltage.

The KVVB is a compact, rugged divider, with a two year warrantee.

Any range and ratio can be special-ordered to meet your measurement needs.

For measurement to 30 kV dc / 20 kV rms ac, please see model KV-30A.

Ohm-Labs offers accredited calibration of high voltage dividers and meters by all manufacturers.

Specifications

Model	Rated Input	Output
KVVB-10-1	10,000 V	1 V
KVVB-10-10		10 V
KVVB-X-Y	X = Input kV	Y = Output V

Resistance (standard models):
Total 20 megohms
Output: 1 V model: 2 K ohms
10 V model: 20 K ohms

Physical:
Case: 4.5x3x1 in (11.4x7.6x2.5 cm)
With post & corona ball: 2.75 in high (7 cm)

Weight: 12 ozs. (340 g)

Calibration ACCREDITED Cert #2481.01

-LABS Excellence in Resistance

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