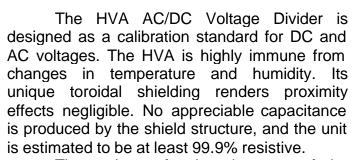
HVA Precision High Voltage Divider

- STABILITY < 0.005% / YEAR
- RATIO ACCURACY < 0.01%
- < 0.05% RATIO AT 60 HZ
- LOW TEMPERATURE COEFFICIENT



The resistors forming the core of the HVA are individually wound and characterized to assure the highest quality. Careful selection and processing of these resistors yields a ratio temperature coefficient of less than five ppm per degree C (<0.000 5%).

The DC output impedance of the HVA is 1000 ohms; the AC output is 1001.0101 ohms, which is shunted to 1000 ohms when used with a one megohm (input impedance) thermal converter.

Standard models are listed, but custom or special ranges can be supplied. For example, a common optional configuration is an output other than 1V, or a dual output of 10V/1V. Extended range models (above 150KV) can be manufactured by stacking central columns and by using specially modified intermediate shielding toroids.



A specially fitted shipping container is available, and is recommended for customers who will be regularly transporting their standard to national labs for recertification.

Calibration and repair service is offered to high voltage dividers by all manufacturers.

| Standard Model | Input in KV | Output 1 | Output 2 |
|--|----------------|----------|----------|
| HVA-50 | 50 | 1 VDC | 1 VAC |
| HVA-100 | 100 | 1 VDC | 1 VAC |
| HVA-150 | 150 | 1.5 VDC | 1.5 VAC |
| For special values, use the below format: | | | |
| Model | Input | Output 1 | Output 2 |
| HVA-(A)-(B)-(C) | (A) | (B) | (C) |
| To order the Shipping Container, please specify: HVA-CASE | | | |

