

## AC RESISTANCE STANDARDS

- ) 10 h TO 100 Kh
- ) LOW IMPEDANCE
- ) LOW TEMPERATURE COEFFICIENT
- ) EXCELLENT AC/DC CONFORMANCE



CSA-SERIES AC RESISTORS

An extension of Ohm-Labs' CSA-Series of Coaxial AC Current Shunts, these AC Resistance Standards are designed for higher frequency use.

Constructed using specially manufactured foil elements, these resistors have low inductance and flat frequency response.

Standard models have type N male connectors for potential and type N female connectors for current. Other connector types are available.

AC Standard Resistors include ISO17025 Accredited DC calibration and AC-DC difference up to 100 kHz.

Traceable AC impedance measurement is also available up to 10 MHz.

A Coaxial Tee, rated to 10 A continuous, is available for inter-comparisons.

Standard values are in steps of 1-2-5. Other resistance values are available by special order.

All Ohm-Labs Standard Resistors are warranted for two years.

For lower resistance / higher current, see Ohm-Labs' CSA-series coaxial AC current shunts.

| Specifications, 12 month accuracy in $\uparrow$ $\downarrow$ $\oplus$ , 18-30 °C |            |  |
|--|------------|--|
| Model  | Resistance | Accuracy   |
| CSA-10u  | 100 K      | All Models:<br><br>DC Resistance<br><0.05 %<br><br>10 kHz AC-DC<br>Difference<br><0.01 %<br><br>100 kHz AC-DC<br>Difference<br><0.05 % |
| CSA-20u  | 50 K       |  |
| CSA-50u  | 20 K       |  |
| CSA-100u   | 10 K       |  |
| CSA-200u   | 5 K        |  |
| CSA-500u   | 2 K        |  |
| CSA-1m   | 1 K        |  |
| CSA-2m   | 500        |  |
| CSA-5m   | 200        |  |
| CSA-10m  | 100        |  |
| CSA-20m  | 50         |  |
| CSA-50m  | 20         |  |
| CSA-100m   | 10         |  |
| CSA-T Coaxial Tee, 0-10 A, type N male connectors                                |            |  |

**Physical:**

CSA-0.1m to CSA-2: 3x3x6 cm (1.5x1.5x3 in), 500 g (1 lb)

**Environmental:**

Use: 18-30 °C, 15-70 %RH

Storage: 5-60 °C, 5-95 %RH



ISO17025 accredited calibration included.

