

AC RESISTANCE STANDARDS

- 10 Ω TO 100 K Ω
- 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 NIST Traceable AC-DC difference up to 100 kHz.

Traceable AC impedance measurement is 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.

Specifications, 12 month accuracy in $\mu\Omega/\Omega$, 18-30 °C		
Model	Resistance	Accuracy
CSA-10u	100 K	All Models: DC Resistance <0.05 % 10 kHz AC-DC Difference <0.01 % 100 kHz AC-DC Difference <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

