

PRECISION COAXIAL AC RESISTORS

- 10 Ω TO 100 K Ω
- LOW INDUCTANCE
- LOW TEMPERATURE COEFFICIENT
- CLOSE AC/DC CONFORMANCE
- SPECIAL VALUES AVAILABLE



ACR-SERIES AC RESISTORS

An extension of Ohm-Labs' CSA-Series of Coaxial AC Current Shunts, these coaxial AC Resistors are designed for DC to high frequency use, such as extending the range of thermal voltage converters.

Constructed using specially manufactured elements, these resistors have low inductance and close AC-DC conformance in value.

Standard models have type N male connectors at one end and type N female connectors at the other end. The resistor is between the center pins of the connectors. Other connector types are available.

AC Standard Resistors include ISO 17025 Accredited DC calibration and AC-DC difference up to 1 MHz.

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, 18-30 °C

Model	Resistance	Accuracy
ACR-100K	100 K	All Models: DC Resistance <0.005 % 10 kHz AC-DC Difference <0.002 % 100 kHz AC-DC Difference <0.005 %
ACR-50K	50 K	
ACR-20K	20 K	
ACR-10K	10 K	
ACR-5K	5 K	
ACR-2K	2 K	
ACR-1K	1 K	
ACR-500	500	
ACR-200	200	
ACR-100	100	
ACR-50	50	
ACR-20	20	
ACR-10	10	

Physical:

3 x 3 x 7 cm (1.25 x 1.25 x 2.75 in), 200 g (0.5 lb)

Environmental:

Use: 18-30 °C, 15-70 %RH

Storage: 5-60 °C, 5-95 %RH



ISO 17025 accredited calibration included.

