

200-SERIES RESISTANCE STANDARDS

- REFERENCE RESISTANCE STANDARDS
- LOW TEMPERATURE COEFFICIENTS
- GOOD STABILITY
- HIGH IMMUNITY FROM ENVIRONMENTAL EFFECTS
- MAY BE USED IN OIL OR AIR



Ohm-Labs' 200-Series Reference Resistance Standards are designed for maintaining the ohm at levels from 0.1 ohm to ten megohms.

Each standard is individually wound from selected Evanohm alloy wire, which has been carefully heat treated for extremely low temperature coefficients of resistance and excellent long term stability.

Oil-filled and hermetically sealed, these standards are highly immune from changes in barometric pressure and relative humidity.

The gold plated terminals feature independently rotating barrels to reduce lead wire deformation.

All models include ISO17025 accredited calibration, with temperature coefficient data.

In addition to decade values, the 200-Series are offered in -T values for thermometry, and -Q values for use with a Quantum Hall System.

Special values are available upon request.

Model Number	Nominal Resistance	Tolerance in ppm	Rated Current	Typical Coefficients	Initial 12 mo. Stability
2001	0.1	<5	3 A	Temperature: $\alpha < 1 \text{ ppm} / ^\circ\text{C}$ $\beta < 0.1 \text{ ppm} / ^\circ\text{C}$ Voltage < 0.1 ppm / V Pressure < 0.1 ppm / kPa	< 3 ppm
2000	1	<5	1 A		< 3
200	1	<5	100 mA		< 3
201	10	<5	30 mA		< 3
201-T	25	<5	25		< 3
202	100	<3	10		< 3
203	1 K	<5	3		< 3
203-Q	6.4 K	< 10	1.25		< 5
204	10 K	<3	1		< 2
204-Q	12.9 K	< 10			< 5
205	100 K	<5	0.3	< 3	
206	1 Meg	<5	0.1	< 3	
207	10 Meg	<10	0.03	< 5	

Notes:

Tolerance is accuracy at time of manufacture
 Temperature coefficient is at nominal 25 °C +/-5 °C.

Physical:

127 mm dia. x165 mm high (5" x 6.5"); 4.5 kg (10 #)

