



High Standard Resistor

- High Stability
- 10 MΩ to 100 TΩ
- Split Guard Circuit
- Internal Temperature Sensor
- Custom Values Available
- NIST Design
- Includes Calibration Data

MODEL 9331G



MODEL INFORMATION

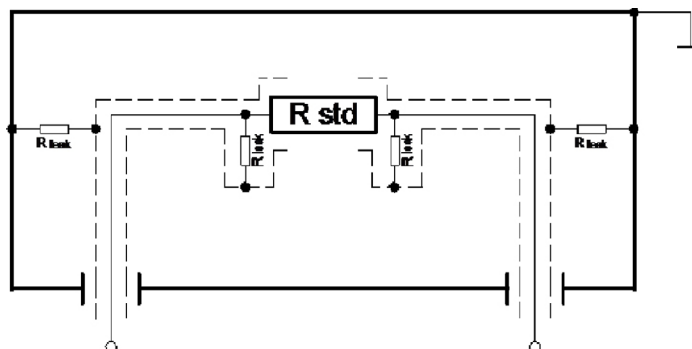
The 9331G series of high accuracy resistance standards are available in standard values from 10 MΩ to 100 TΩ and custom values available at any resistance therein.

High stability and supplied alpha and beta temperature coefficients of the 9331G make them ideal for easy transport and operation in any working environment within the range of 18 to 28 °C. The resistance standards require no controlled oil or air bath to meet specifications, however, for improved performance, they can be placed in an air bath such as the model 9300 or 9300A.

The Model 9331G is based on a NIST design which includes the split guard design and internal temperature sensor mounted directly on the resistor element.

All resistor connections are type N. Several adapter cables from N Type to GR, BNC etc. are available. Custom values are available upon request.

The Model 9331G is hermetically sealed in a shielded enclosure and isolated from the case. The Split guard circuit design allows for applying independant guard voltages at each side of the resistor.





Model 9331G High Standard Resistor

Specifications: Rev 10

Model	Nominal Value Ohms	Tolerance ± ppm	Stability 1 Year	Stability 2 Years	TC 23°C ±5°C	Maximum Voltage (& Gradient)
9331G/10M	10 M	5	10 ppm	10 ppm	±5 ppm/°C	1 kV 0.2 ppm/V
9331G/100M	100 M	10	20 ppm	10 ppm	±5 ppm/°C	1 kV 0.2 ppm/V
9331G/1G	1 G	30	25 ppm	10 ppm	±5 ppm/°C	1 kV 0.5 ppm/V
9331G/10G	10 G	1%	25 ppm	20 ppm	±200 ppm/°C	1 kV (1 ppm/V)
9331G/100G	100 G	1%	200 ppm	50 ppm	±200 ppm/°C	1 kV (5 ppm/V)
9331G/1T	1 T	1%	500 ppm	300 ppm	±200 ppm/°C	1 kV (5 ppm/V)
9331G/10T	10 T	5%	700 ppm	500 ppm	±200 ppm/°C	1 kV (25 ppm/V)
9331G/100T	100 T	10%	0.5%	0.25%	±1%/°C	1 kV (200 ppm/V)

Dimensions: (W x D x H)
 200 x 100 x 81 (mm)

Weight:
 1 Kg

Shipping Weight:
 Provide with Quote

Main Power:
 N/A

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