

700-SERIES MULTIPLE RESISTANCE STANDARDS

- UP TO 12 STANDARDS IN ONE HOUSING
- INDIVIDUAL VALUES OR RATIO SETS
- GOOD LONG-TERM STABILITY
- FOR USE IN AIR AT 23 °C
- SUPPLIED TO CUSTOMER SPECS
- RANGES FROM 1 mΩ TO 10 MΩ



Model 7111: 2 milli-ohm to 20 megohm

Ohm-Labs' 700 series multiple resistance standards are customer-specific resistance standards designed for laboratory or on-site calibration use. Many decade, custom or ratio values can be supplied.

Their low coefficients of temperature allow them to be used in a variety of environments without loss of accuracy. They are highly immune from changes in barometric pressure and relative humidity, and not affected by moderate vibration or shock. They display low reactance, allowing their use as both DC or AC standards.

Ratio sets can be provided with values matched to <10 ppm, and with temperature coefficients matched to <1 ppm / °C.

All models are housed in a rugged, die-cast aluminum case. Connections are made via gold plated five-way binding posts which accept bare wire, spade lugs or banana jacks.

All models are supplied with ISO17025 accredited, NIST traceable calibration data.

An optional temperature sensor can be supplied.

700-Series Model Selection Guide

Series	Number of resistors	Resistance Value
7	X	Per customer specification
Examples: 74xx = 4 resistors 710x = 10 resistors		
Absolute accuracy depends on resistance selected All resistance standards carry a five year warrantee.		
Accessories: Installed temperature sensor Transit container		

