

MULTIPLE HIGH RESISTANCE STANDARD – TEMPERATURE STABILIZED

-) 1 MEGOHM TO 1 TERAOHM
-) FULLY GUARDED
-) HIGH IMMUNITY FROM AMBIENT TEMPERATURE CHANGES
-) TRANSPORTABLE



Model MHS Temperature Stabilized Multiple High Resistance Standard

Ohm-Labs' Multiple High Resistance Standard maintains state-of-the-art resistance at levels above 1 megohm.

The MHS incorporates seven guarded high resistance standards, identical to those used in Ohm-Labs' 100-H series resistance standards.

The resistors are installed in a constant temperature housing for isolation from ambient temperature changes.

User connection is via coaxial BPO type connectors; the shields are part of the guard circuit. Type N, BNC or triax connectors are also available.

ISO 17025 accredited, NIST traceable calibration is included.

Extended resistance and high voltage models are available.

For less than the cost of seven high resistance standards, the model MHS provides superior performance and greater versatility.

Condensed Specifications

Nominal Resistance	Initial Tolerance (< ppm)	Temperature Coefficient (less than)	Voltage Coefficient (less than)	Calibration Accuracy (< ppm)	12 month Stability	Recom. Voltage	Max Voltage	MHS-H Max Voltage
1 Meg	5	0.1 ppm / °C	0.1 ppm / V	4	<5 ppm	10	200	500
10 Meg	10	0.2	0.1	5	10	20	500	1000
100 Meg	20	1	0.1	12	20	50	1000	5000
1 Gig	35	2	0.1	25	25	100		
10 Gig	50	2	0.1	50	50	100		
100 Gig	200	3	0.2	100	100	200		
1 Tera	500	5	1	250	200	500		

Notes:

- Temperature coefficient is from 18 to 30 °C
- Voltage coefficient is at recommended -50 % / +100 %
- Physical: 47x15x46 cm (17.75x5.25x18.25 in) 3U; 16 kg (35 lbs)
- Power: 100-240 VAC, 50/60 Hz

Accessories available:

- BPO female to BNC (M or F) adaptor
- 1 m cables: BPO F to BNC

