

TECHNICAL DATA

8508A-7000K Calibration Kit | 8508A Calibration-support-kit



Product overview: 8508A-7000K Calibration Kit | 8508A Calibration-support-kit

8508A Calibration-support-kit for use with characterized 5720A Multifunction Calibrator

The 8508A-7000K Calibration Kit contains a specially designed lead set, 1 GΩ standard resistor and four-wire shorting PCBs for performance verification and calibration adjustment of the 8508A. The lead set allows the 8508A to be connected to a 5720A calibrator and a 5725A amplifier in the configuration described in the 8508A User Manual Calibration and Verification chapter, enabling users to exactly duplicate the setup used for factory calibration.

The leads are constructed from low capacitance, low leakage dielectric material (PTFE), with low thermal emf 6 mm gold plated copper spade terminations. The 1 GΩ standard resistor plugs directly into the 8508A front input terminals without any inter-connecting leads, minimizing errors from lead effects and noise pickup. It is specified for stability with time (100 ppm/yr) and temperature (25 ppm/ °C), and is supplied with a calibration certificate stating its measured value to an uncertainty of 110 ppm.

8508A-7000K Calibration Kit contents (Item number 1886226)

Quantity	Description
1	1 GΩ resistor – 100 ppm/yr and 25 ppm/ °C stability, factory calibration uncertainty 110 ppm (95 % CL)
1	Screened lead set that connects 8508A Reference Multimeter to 5720A and 5725A precision calibrators
2	Four-wire shorting PCB (used to null front and rear input)
1	Carrying case

Ordering information



8508A-7000K

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