



PAR-809B Variable Resistance Reference

Test the resistance range and performance of your instruments



Item Number
PAR-809B

Contents

- * PAR-809B Variable Resistance Reference
- * ABL-36 INCH Black Silicone Test Lead
- * ARL-36 INCH Red Silicone Test Lead

Packaging

Weight: 1.5 lbs (0.7 kg)
Length: 8.25 Inches (21 cm)
Width: 7.5 Inches (19 cm)
Height: 3.5 Inches (8.5 cm)

The PAR-809B is a precision resistance reference employing 31 ±2% tolerance resistors for accuracy. It is designed to functionally test the PASS/FAIL resistance range and performance of wrist strap and footwear checkers, megohmmeters, monitoring systems, meters and other indicating devices, to both US and International Standards.

Proper use of the PAR-809B ensures accurate, functional performance confirmation of critical ESD control tools.

Specifications

Resistance in Ohms (±2%) When Measured at 10 volts:

*1.00x10 ⁰	7.75x10 ⁵	3.70x10 ⁷
*1.00x10 ²	8.40x10 ⁵	4.50x10 ⁷
9.50x10 ²	9.50x10 ⁵	5.50x10 ⁷
1.05x10 ³	1.10x10 ⁶	9.00x10 ⁷
9.50x10 ³	4.75x10 ⁶	1.10x10 ⁸
1.05x10 ⁴	5.25x10 ⁶	9.00x10 ⁸
9.50x10 ⁴	9.00x10 ⁶	1.10x10 ⁹
1.05x10 ⁵	9.50x10 ⁶	9.00x10 ⁹
4.70x10 ⁵	1.05x10 ⁷	1.10x10 ¹⁰
5.30x10 ⁵	1.10x10 ⁷	3.30x10 ¹⁰
7.10x10 ⁵	3.30x10 ⁷	

* Verification resistors are measured at <10 volts.

Controls:

Battery Buss ON/OFF, Red Push Button Operating System ON/OFF, 2 Yellow Push Buttons Select Resistance DOWN/UP is select resistance.

Connections:

2 Banana receptacles at side of case (Used to connect device under test in series with selected resistance)

Indication:

1 RED 3-1/2 Digit LED Integer Window; 1 Red 2 digit LED Exponent Window -- Displays 31 position values in scientific notation

Power:

4 each "AA" 1-1/2 volt batteries (included). Batteries do not influence performance of the resistor references.

Case Size:

5.5" L x 3.5" W x 2.25" H

Dimensions

Length: 5.5" (14 cm)

Width: 3.5" (8.9 cm)

Height: 2.25" (5.7 cm)

Test Leads

Length: 36" (91.4 cm) each leads

Weight:

16 oz.

Accuracy:

2% Tolerance Resistors - All positions documented

AUTO OFF:

Auto shut off after 5 minutes of non use

