



KP-16502 Standard AC Resistor

- KP-16502 is a standard AC resistor designed for calibration of LCR Bridge. They have high accuracy, excellent repeatability and stability, low temperature coefficient, and wide frequency range. It is an ideal standard instrument for calibration.
- KP-16502 standard AC resistors include 7 of 4-terminal resistors, one open-termination and one short-termination, 9 components in total. The resistor values are 0.1Ω, 1Ω, 10Ω, 100Ω, 1kΩ, 10kΩ, 100kΩ, 1MΩ. The resistors of 0.1Ω, 1Ω, and 10Ω are used for frequency and phase calibration, and the resistors of 100Ω, 1kΩ, 10kΩ, and 100kΩ, 1MΩ are used for AC resistance calibration. The open-termination is used for parasitic capacitance cancellation and open-point reset. The short-termination is used for parasitic inductance and resistance cancellation and zero-point reset

Get Free Quote

Share to



Description

Operation conditions

Ambient temperature: $(23\pm 2)^\circ\text{C}$

Relative humidity: $(50\pm 5)\%$

Technical specification

1. Resistance:

0.1 Ω , 1 Ω , 10 Ω , 100 Ω , 1k Ω , 10k Ω , 100k Ω , 1M Ω .

2. Tolerance:

$\pm 0.05\%$: 10 Ω 、100 Ω 、1k Ω 、10k Ω 、100k Ω

$\pm 0.5\%$: 0.1 Ω 、1 Ω 、1M Ω

3. Operating frequency:

DC—1MHz (100 Ω 、1k Ω 、10k Ω) ;

DC—100kHz (1 Ω 、10 Ω 、100k Ω) ;

DC—10kHz (0.1 Ω 、1M Ω) ;

4. Output method:

Four-terminal output

5. Dimension :

94×68×31

Accessory

KP-16500 SHORT-TERMINATION (1)

KP-16501 OPEN-TERMINATION(1)

