



1065 Precision Power Resistance Box

Time Electronics

Calibration, Test & Measurement

- 0.1Ω to 120kΩ
- 1% Accuracy
- 10W per resistor dissipation
- In-line read-out
- Mechanically and electrically robust
- Fully Screened



The **1065** Power Decade Resistance Box is designed to meet the standard for educational, industrial and research & design applications. Housed in a well ventilated metal case its compact construction makes it easily transportable, and when in use it takes up a minimum of bench space.

Resistance ranges from 0.1Ω to 120kΩ with a 1% accuracy. Each resistor has a power rating of 10W and the maximum working voltage is 500V.

Switch contact resistance has been kept to a minimum by the use of multi-wafer switches, each with four parallel, silver-plated, self-wiping contacts. The six in-line dials give a clear numerical readout of the selected resistance.

1065 Technical Specifications

Resistance Range:	0.1Ω to 120 kΩ
No. Of Decades:	6
Increment:	0.1Ω steps
Accuracy:	0.1Ω decade, ±5% 1Ω –120kΩ decades, ±1%
Rating:	Each resistor 10W
Temperature Coefficient:	<200 ppm per °C
Maximum Voltage:	500 V AC/DC
Residual Resistance:	<20mΩ

General Specification

Dimensions:	390 x 60 x 150 mm
Weight:	2kg
Optional Extras:	Calibration Certificates – traceable to NPL and UKAS

Ordering Information

Code	Description
1065	Power Resistance Box
9161	Factory (NPL Traceable) Calibration Certificate
9114	UKAS Calibration Certificate (ISO 17025)

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.