

RM6-N

Space saving, compact and versatile 6 decade resistance box with wide range

The RM6-N is a space saving 6 decade resistance box, 3 models are available covering the range 1Ω to 111,111MΩ. An additional 1kΩ resistor is available at the terminals enabling the user to make a simple divider. The RM6-N incorporates 0.4 watt resistors with a specified accuracy of ±1%.

Designed for durability and ease of maintenance, the case is high impact polystyrene and the size is only 190 x 140 x 70mm. The RM6-N's constitute an ideal tool for use in all electrical and electronic laboratories or workshop environments offering a wide range of values with minimum cost.

Technical Specifications

Decade	Accuracy	Maximum Current	RM6-N	RM6-N2	RM6-N3
10 x 1Ω	±1%	600mA		✓	
10 x 10Ω	±1%	200mA	✓	✓	
10 x 100Ω	±1%	60mA	✓	✓	✓
10 x 1kΩ	±1%	20mA	✓	✓	✓
10 x 10kΩ	±1%	6mA	✓	✓	✓
10 x 100kΩ	±1%	2mA	✓	✓	✓
10 x 1MΩ	±1%	0.6mA	✓		✓
10 x 10MΩ	±1%	0.2mA			✓

Maximum Continuous Working Voltage
60VDC, 30Vrms

Resistors

Metal film 0.4W at 70°C
Temperature coefficient ±100ppm/°C
Except 1Ω: ±200ppm/°C

Switches

Silver plated brass contact resistance = 10mΩ, positive click mechanism.
Insulation resistance >50,000MΩ

Residual Resistance

< 0.1Ω

Key Features

- 6 decades
- Range 10Ω to 10MΩ
- Accuracy 1%
- Low cost

Ideal For

- Engineering departments
- Laboratories/workshops
- Calibration houses

General Specifications

Dimensions

190 x 140 x 70mm / 7.5 x 5.5 x 2.8"
(w x h x d) approx

Mass

0.49kg / 1lbs

Case

High impact polystyrene

Services

1 year warranty (subject to product registration with Seaward)

Visit

www.seaward.co.uk/register-product

Service and calibration by Calibrationhouse.

Go to www.calibrationhouse.com for more information.

Part Numbers

RM6-N	930154
RM6-N2	930155
RM6-N3	930156



www.seaward.co.uk/RM6N

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