

RM6N

SPACE SAVING, COMPACT & 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 1 ohm to 111,111 Mega ohm. An additional 1 kilo ohm resistor is available at the terminals enabling the user to make a simple divider. The RM6-N incorporates 0.6 watt resistors with a specified accuracy of $\pm 1\%$. The maximum permissible voltage is 250 V dc. Designed for durability and ease of maintenance, the case is high impact polystyrene and the size is only 190 x 140 x 70 mm. 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.

KEY FEATURE	RM6N
6 decades	■
Range 10 ohm to 10 Mega ohm	■
Accuracy 1%	■
Low cost	■

RM6N SPECIFICATIONS

Decades	Accuracy	Maximum Current	RM6-N	RM6-N2	RM6-N3
10 x 1 Ω	$\pm 1\%$	250mA		■	
10 x 10 Ω	$\pm 1\%$	250mA	■	■	
10 x 100 Ω	$\pm 1\%$	75mA	■	■	■
10 x 1k Ω	$\pm 1\%$	25mA	■	■	■
10 x 10k Ω	$\pm 1\%$	7.5mA	■	■	■
10 x 100k Ω	$\pm 1\%$	3.5mA	■	■	■
10 x 1M Ω	$\pm 1\%$	0.5mA	■		■
10 x 10M Ω	$\pm 1\%$	0.18mA			■



Dimensions

190mm x 140mm x 70mm (W H D) approx

Mass

0.49kg

Resistors

Metal film 0.6W at 70 °C
Temperature coefficient ± 100 p.p.m. / °C

Switches

Silver plated brass Contact resistance = 10 milli ohm, positive click mechanism. Insulation Resistance >50,000 Mega ohms

Residual Resistance

< 0.01 ohm

Case

High impact polystyrene