

>368,688789 12437,23-2933 977 56-203 88849<
>163,65546 67818,7-23967 911 56-203 88860<
>198,65546 65612,23-2829 955 56-203 46549<
>198,65546 65612,23-2829 95556-203 46549<
>162,698016 68818,23-2399 92356-203 85549<
>198,643636 78617,73-2289 783 56-203 55549<
>124,634546 78672,23-7779 683 56-203 88349<
>458,11142 83417,73-2337 876 56-203 83339<
>145,523286 64486,22-2889 966 56-203 88849<
>368,688789 12437,23-2933 977 56-203 55549<

DATA SHEET

MODEL 4310



Temperature Stabilized Resistance Standard

- Temperature Controlled
- 9 Elements
- Custom Values

MODEL INFORMATION

The Model 4310, a nine-element resistance standard is the latest development from Measurements International's series of DC resistors and shunts. After many years of research in resistance materials, the Model 4310 insures that you get the best performance on the market today. Combined with MI's experience in automated resistance measurements the 4310 is used as a temperature controlled, 9-element working resistance reference.

The nine-resistance elements cover the range from 0.1 ohm to 10 Megohms. The resistance elements feature excellent stability and extremely low temperature coefficients housed in a single unit. Each resistance element is accessible from the back panel with four terminal binding posts, suitable for banana plug, spade lugs or wires. The resistor elements are maintained at 35 degrees Celsius, with an operating environment temperature range extending from 18 to 28 degrees Celsius. The Model 4310 can be mounted in any standard 19-inch instrument rack.



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 >198,65546 65612,23-2829 95556-203 46549<
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 >458,11142 83417,73-2397 876 56-203 83339<
 >145,523286 64486,22-2689 986 56-203 88849<
 >368,688789 12437,23-2333 977 56-203 55549<



Specifications:

Nominal Resistance (ohms)	Nominal Resistance Tolerance (+/- ppm)	24 Hour Stability (+/- ppm)	12 Month Stability (+/- ppm)	Temperature Coefficient (+/- ppm/°C)	Max. Voltage (Volts)
10 MΩ	35	0.5	10	0.025	100
1 MΩ	25	0.25	5	0.02	100
100 kΩ	15	0.25	5	0.01	100
10 k Ω	10	0.25	5	0.005	32
1 k Ω	10	0.25	5	0.005	10
100 Ω	10	0.25	5	0.005	3.2
10 Ω	10	0.25	5	0.005	1.0
1 Ω	10	0.25	5	0.005	0.32
0.1 Ω	100	0.5	10	0.025	0.2
Temperature Regulation			+/- 0.01° C over a 1 year period		
Ambient Temperature Range			23° C +/-5° C		
Ambient Humidity Range			20 to 50% RH		
Product Details					
Warranty			1 Year Parts & Labor		
Dimensions (H x W x D)			133 x 450 x 305 mm		
Weight:			9 kg max		
Shipping Weight:			13 kg.		
Operating Power			85 to 264V – 47 to 440Hz		

MI-Canada

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