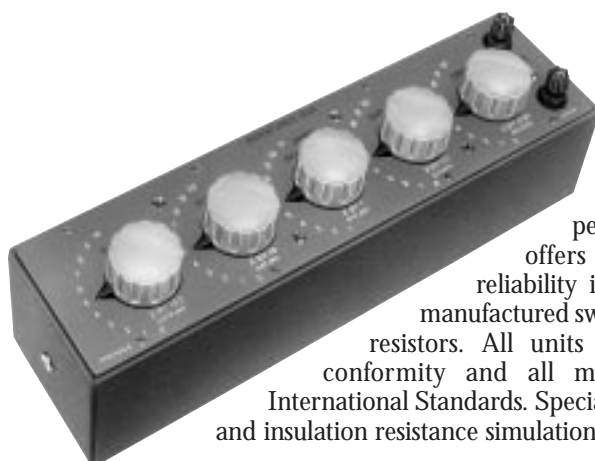


## Resistance Decades 0.05%



Combining high quality, long life and permanence of calibration, the RBB Series offers an unbeatable selection of models. The reliability is built in as we use our own designed and manufactured switches combined with high quality wire wound resistors. All units are supplied complete with certificate of conformity and all measurements are of course traceable to International Standards. Special models are available for temperature (Pt100) and insulation resistance simulation.

| Model  | Number of Decades | Total Resistance | Resolution | Residual Resistance | Size        | Weight  |
|--------|-------------------|------------------|------------|---------------------|-------------|---------|
| RBB4-A | 4                 | 1,111 Ω          | 0.1 Ω      | 0.01 Ω              | 310x100x140 | 2.7 kg  |
| RBB4-B | 4                 | 11,110 Ω         | 1 Ω        | 0.01 Ω              | 310x100x140 | 2.7 kg  |
| RBB4-C | 4                 | 111,100 Ω        | 10 Ω       | 0.01 Ω              | 310x100x140 | 2.7 kg  |
| RBB5-B | 5                 | 1,112.1 Ω        | 0.01 Ω     | 1 Ω                 | 348x100x140 | 3.4 kg  |
| RBB5-C | 5                 | 11,111 Ω         | 0.1 Ω      | 0.012 Ω             | 348x100x140 | 3.4 kg  |
| RBB5-D | 5                 | 111,110 Ω        | 1 Ω        | 0.012 Ω             | 348x100x140 | 3.4 kg  |
| RBB5-E | 5                 | 1.1111 MΩ        | 10 Ω       | 0.012 Ω             | 348x100x140 | 3.4 kg  |
| RBB5-F | 5                 | 11.111 MΩ        | 100 Ω      | 0.012 Ω             | 348x100x140 | 3.4 kg  |
| RBB6-B | 6                 | 1,112.111 Ω      | 0.001 Ω    | 1 Ω                 | 450x100x140 | 3.85 kg |
| RBB6-C | 6                 | 11,112.1 Ω       | 0.01 Ω     | 1 Ω                 | 450x100x140 | 3.85 kg |
| RBB6-D | 6                 | 111,111 Ω        | 0.1 Ω      | 0.013 Ω             | 450x100x140 | 3.85 kg |
| RBB6-E | 6                 | 1.11111 MΩ       | 1 Ω        | 0.013 Ω             | 450x100x140 | 3.85 kg |
| RBB6-F | 6                 | 11.1111 MΩ       | 10 Ω       | 0.013 Ω             | 450x100x140 | 3.85 kg |

| Decade (Ohms) | Accuracy of adjustment Incremental Steps | Power Rating | Temperature Coefficient |
|---------------|--|--------------|-------------------------|
| 10 x 1 MΩ     | ±0.1%                                    | 0.5W         | 10ppm/°C                |
| 10 x 100 kΩ   | ±0.1%                                    | 0.5W         | 10ppm/°C                |
| 10 x 10 kΩ    | ±0.05%                                   | 0.33W        | 3ppm/°C                 |
| 10 x 1 kΩ     | ±0.05%                                   | 0.33W        | 3ppm/°C                 |
| 10 x 100Ω     | ±0.05%                                   | 0.33W        | 3ppm/°C                 |
| 10 x 10Ω      | ±0.05%                                   | 0.33W        | 3ppm/°C                 |
| 10 x 1Ω       | ±0.2%                                    | 0.33W        | 3ppm/°C                 |
| 10 x 0.1Ω     | ±0.5%                                    | 0.75W        | 10ppm/°C                |
| 10 x 0.01Ω    | ±1%                                      | 0.75W        | 10ppm/°C                |
| 10 x 0.001Ω   | ±2%                                      | 0.75W        | 10ppm/°C                |
| 10 x 0.0001Ω  | ±10%                                     | 0.75W        | 10ppm/°C                |

4, 5 and 6 Decades Available

Total Range 11.111 MΩ

Smallest Steps 0.001Ω

Special Waidner Wolff Decade Minimises Switch Contact Resistance

Accuracy 0.05% for premium dials

Resistance Coils Wound in Selected Low TC Wire

Special Model for Pt100 Simulation

Special Model for Insulation Simulation