

**DECADE RESISTANCE BOX
(LABORATORY STANDARDS)
DRBC-115 & 116**



Decade Resistance Boxes (DRBC-115/116...) Decade Resistance Box are precision instruments intended for general laboratory use, R&D and educational purposes. These are used as a multiplier, shunt, substitution resistor, or as an arm for AC or DC bridges.

SPECIFICATIONS FOR DRBC-115

01 Metal Film Resistor Accuracy : $\pm 1\%$ * Power Rating : 1 Watt * Maximum Working Voltage : 500 Volts.

SPECIFICATIONS FOR DRBC-116

01 Metal Film Resistor Accuracy : $\pm 5\%$ * Power Rating : 5 Watt * Maximum Working Voltage : 500 Volts

| Omega MODEL | In Steps of | Total Resistance |
|--|-------------|-----------------------|
| 01 Eight Dials (Total Steps : 80) | | |
| DRBC-115/116L8 | 1 Ω | 11,11,11,110 Ω |
| 02 Seven Dials (Total Steps : 70) | | |
| DRBC-115/116LN | 1 Ω | 1,11,11,110 Ω |
| 03 Six Dials (Total Steps : 60) | | |
| DRBC-115/116L | 1 Ω | 11,11,110 Ω |
| DRBC-115/116M | 10 Ω | 1,11,11,100 Ω |

04 Five Dials (Total Steps : 50)

| | | |
|---------------|--------------|----------------------|
| DRBC-115/116H | 1 Ω | 1,11,110 Ω |
| DRBC-115/116J | 10 Ω | 11,11,100 Ω |
| DRBC-115/116K | 100 Ω | 1,11,11,000 Ω |

05 Four Dials (Total Steps : 40)

| | | |
|---------------|--------------|--------------------|
| DRBC-115/116E | 1 Ω | 11,110 Ω |
| DRBC-115/116F | 10 Ω | 1,11,100 Ω |
| DRBC-115/116G | 100 Ω | 11,11,000 Ω |
| DRBC-115/116Y | 1K | 11,11Meg |
| DRBC-115/116Z | 10K | 111,1Meg |

06 Three Dials (Total Steps : 30)

| | | |
|---------------|---------------|--------------------|
| DRBC-115/116A | 1 Ω | 1,110 Ω |
| DRBC-115/116B | 10 Ω | 11,100 Ω |
| DRBC-115/116C | 100 Ω | 1,11,000 Ω |
| DRBC-115/116D | 1000 Ω | 11,10,000 Ω |

07 Two Dials (Total Steps : 20)

| | | |
|---------------|--------------|-------------|
| DRBC-115/116V | 0.1 Ω | 11 Ω |
| DRBC-115/116N | 100K | 11Meg |

08 Single Dial (Total Steps : 10)

| | | |
|---------------|---------------|----------------|
| DRBC-115/116U | 0.1 Ω | 1 Ω |
| DRBC-115/116P | 1 Ω | 10 Ω |
| DRBC-115/116Q | 10 Ω | 100 Ω |
| DRBC-115/116R | 100 Ω | 1,000 Ω |
| DRBC-115/116S | 1K Ω | 10 K Ω |
| DRBC-115/116T | 10K Ω | 100 K Ω |
| DRBC-115/116X | 100K Ω | 1M Ω |
| DRBC-115/116W | 1M Ω | 10M Ω |

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS