OMEGA®

A SIGN OF QUALITY PRODUCT

DECADE RESISTANCE, CONDENSER & INDUCTANCE BOX

OMEGA TYPE DRCL-118

OMEGA TYPE DRCL-118 Decade Resistance, Condensers & Inductance comprise of

Resistors Decade box precision instruments intended for general laboratory use, R&D and educational purpose these are used as a multiplier, shunt, substitution resistor, or as a arm for AC or DC bridges.

Condensers Decade comprise of high quality Polyster Condensers. The units can be used for experimental purpose in tuned circuits, wave filters, oscillators, analyzers, amplifiers, equalizers and other experimental hook-ups in laboratory work.

Inductors Decade are convenient elements for use in wave filters, equalizers and tuned circuits throughout the range of audio and low radio frequencies. As components in oscillators, analyzers and similar equipment, they are specially useful during the preliminary design period, when the ability to vary circuit elements over relatively wide ranges is necessary to determine optimum operating values.

Each decade is made from four basic which are selected in steps by the use of addition switch. The step variation is maintained uniform and the total error is limited by this type of switching against conventional decade switching. The switch is rigidly constructed.

The instruments are sturdy in construction and are housed in a enclosure with processed digital printed on PCB Panel. Two each jack-topped binding posts are used as output terminals. One terminal has been provided for grounding.

SPECIFICATION

01 RESISTORS:

- 1.1 Metal Film Resistor Accuracy : ± 1%
- 1.2 Power Rating : 1 Watt
- 1.3 Maximum Working Voltage : 500 Volts.
- 1.4 Five Dials (Total Steps:50) per Step10Ω total resistor 11,11,100 Ω

02 CONDENSERS:

- 2.1 Polystyrene Accuracy: ± 1%
- 2.2 Max. D.C. voltage: 400 Volts
- 2.3Five dials Total Step 50 per step 0.0001 total capacitor 11.111

03 INDUCTOR:

- 3.1 Accuracy ± 2% at 1KHz
- 3.2 watt/volt 1/2W (150V PP)
- 3.3 Five dial Total Step 50 per step 0.1 mH total Inductance 11.111 H

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