

DECADE CAPACITANCE BOXES



Features

- Direct read – out
- Output on safety sockets
- Moulded side covers with embossed handles
- Membrane panel
- Compact Design
- Tolerance available up to 1%
- Bi-polar Capacitors available up to 600 Volts

Applications

Professional series Decade capacitance boxes are specially designed to use in education institutes, testing laboratories and electronic research and development organizations for testing and calibration of electronic circuits. It also use as a substitute capacitor for a testing circuits to teach phenomena of capacitance and it's applications in different circuits and experiments.

Description

Capacitors of professional grade enclosed in metal cabinet or a specially designed aluminium extruded body with multi-color printed polycarbonate membrane on front panel. Capacitance value can be directly read from the position of control KNOBS. Capacitors of polystyrene film wound within 1% tolerance, thereby ensuring high accuracy and stability of working. These capacitors gives very high insulation resistance therefore they have high and constant characteristics for several hours together.

Use of professional grade rotary switches of wiping & self cleaning contacts with very low contact resistance and high insulation and having a minimum life span of 25000 cycles on full load. Specially designed quality hardware components for easy user interface. Highly professional testing and measuring instruments are used to calibrate these Decade boxes. Moreover, being reasonably priced, they could be substituted for much higher priced instruments.

"S" Series : Decade Boxes with Metal body Powder coated
"A" Series : Decade Box with metal body with Aluminium Extrusion Anodized /Powder coated with plastic side cover embossed handle

Available Models & Specifications

Models	Description	Steps	Dials
DCB- 2-3	100pF to 0.11mF	100pF	3
DCB-3-3	1000pF to 1.11mF	1000pF	3
DCB-2-4	100pF to 1.11mF	100pF	4
DCB-3-4	1000pF to 1.11mF	1000pF	4
DCB-2-5	100pF to 11.11mF	100pF	5
DCB-2-1	100pF to 1000pF	100pF	1
DCB-3-2	1000pF to 10nF	1000pF	2
DCB-4-3	0.01 F to 11.1mF	0.01mF	3
DCB-4-4	0.01 F to 111.1mF	0.01mF	4
DCB-7-1	10 F to 100mF	10mF	1
DCB-2-2	100pF to 10nF	100pF	2
DCB-1-7	10pF to 100mF	10pF	7
DCB-6-1	1 F to 10mF	1mF	1
DCB-5-3	0.1 F to 111mF	0.1mF	3
DCB-2-6	100pF to 111.11mF	100pF	6

Mechanical Specifications

	Decades	Weight	Dimension in cm.		
			L	W	H
"S" Series	1	0.50Kg	105	82	90
	2	0.60Kg	155	82	90
	3	0.80Kg	200	82	90
	4	1.00Kg	245	82	90
	5	1.20Kg	290	82	90
	6	1.40Kg	335	82	90
"A" Series	1	0.40Kg	130	90	95
	2	0.55Kg	180	90	95
	3	0.65Kg	225	90	95
	4	0.80Kg	270	90	95
	5	0.95Kg	315	90	95
Note	All Capacitors are Matalised Polyester				
	250VDC and specific voltages on request				
	General Tolerance : ±2% Available ±1% & ±5% on request.				
General output termination on Binding Post Shrouded Socket on request					