



Ferrite Pot core wound Inductance Boxes



MODEL- DIB-A2-4



MODEL- DIB-1-6

Technical Specifications		Decades	Weight	Dimension in cm			Weight	Dimension in cm		
Inductance Range	10 $\mu$ H to 11.1111H		'S' Series	L	W	H	'A' Series	L	W	H
Inductance	Pot Core Wound	1	0.50kg	105	82	90	0.40kg	130	90	95
Accuracy	<10mH $\pm$ 5% and >100mH $\pm$ 2%	2	0.60kg	155	82	90	0.55kg	180	90	95
Range selection	By rotary switches	3	0.80kg	200	82	90	0.65kg	225	90	95
Maximum Current	200 mA	4	1.00kg	245	82	90	0.80kg	270	90	95
Residual Inductance	<100 $\mu$ H	5	1.20kg	290	82	90	1.00kg	315	90	95
		6	1.50kg	335	82	90	1.30kg	360	90	95
		7	2.00kg	380	82	90	1.50kg	405	90	95

Decade Inductance Box	Initial Range	No. of Decades	Steps by	Range	Model
Decade Inductance Box	10 $\mu$ H = 1	1	10 $\mu$ H	10 $\mu$ H to 100 $\mu$ H	DIB - 1 - 1
Decade Inductance Box	100 $\mu$ H = 2	2	10 $\mu$ H	10 $\mu$ H to 1.1mH	DIB - 1 - 2
Decade Inductance Box	1mH = 3	3	10 $\mu$ H	10 $\mu$ H to 11.1mH	DIB - 1 - 3
Decade Inductance Box	10mH = 4	4	10 $\mu$ H	10 $\mu$ H to 111.1mH	DIB - 1 - 4
Decade Inductance Box	100mH = 5	5	10 $\mu$ H	10 $\mu$ H to 1.1111H	DIB - 1 - 5
Decade Inductance Box	1H = 6	6	10 $\mu$ H	10 $\mu$ H to 11.1111H	DIB - 1 - 6

Resistance from 100pF to 1 $\mu$ F of 4 Decades by step of 100pF = DCB - 2 - 4

"A" Series : Decade Box with Aluminium extrusion body Anodised/ Power coated, plastic side covers which are embossed with handles and provided Individual outputs on front panel to select a specified resistance range which reduces residual resistance.

All Inductors are of Ferrite Pot Core wound

General Tolerance :  $\pm$ 2% &  $\pm$ 0.1% /1% & 5% on request  
Output termination on Insulated Binding post and Outputs Termination on European Socket (Safety socket) on request

"S" Series : Decade Boxes with Metal Body Powder coated

Note: Sai Systems reserves the right to specifications and are subject to change without notice. \*With constant line, load and ambient temperature conditions. \*\* All dimensions are behind the panel & excluding legs