

**DECADE INDUCTORS**  
OMEGA TYPE DL-120/DI-120ALL, FI-111



DI-120C



DI-120N



DI-120R



DI-120T



DL-120E



DL-120L



DL-120H



DL-120T

**OMEGA TYPE DL/DI-120** Decade Inductors 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 unit is an assembly of four inductors wound on iron dust-cores, which are combined by switching to give eleven successive values from 0 to 10. Each inductor coil is potted with compound in a separate can to provide electrostatic shielding. These inductors are secured to a processed digital printed vinyl on Aluminium panel. Two jack-topped binding posts are used as output terminals. One terminal has been provided for grounding.

ACCURACY  $\pm 2\%$  at 1KHz  
Watt/ Volt 1/2 W (150VPP) - **DI series**

**Maximum Current for DL series**

0.1 mH / Steps	730 mA
1 mH / Steps	730 mA
10 mH / Steps	100 mA
100 mH / Steps	100 mA
1 H / Steps	20 mA
10 H / Steps	10 mA

OMEGA MODEL	In Step Of	Total Inductance
<b>SINGLE DIAL (Total Step 10)</b>		
DL-120C/DI-120C	0.1 mH	1 mH
DL-120D/DI-120D	1 mH	10 mH
DL-120E/DI-120E	10 mH	100 mH
DL-120F/DI-120F	0.1 H	1 H
DL-120G/DI-120G	1 H	10 H

**OMEGA MODEL In Step Of Total Inductance**

OMEGA MODEL	In Step Of	Total Inductance
<b>TWO DIAL (Total Step 20)</b>		
DL-120L/DI-120L	0.1 mH	11 mH
DL-120M/DI-120M	1 mH	110 mH
DL-120N/DI-120N	10 mH	1100 mH
DL-120P/DI-120P	100 mH	11 H

OMEGA MODEL	In Step Of	Total Inductance
<b>THREE DIAL (Total Step 30)</b>		
DL-120H/DI-120H	1 mH	1.11 H
DL-120Q/DI-120Q	0.1 mH	111 mH
DL-120R/DI-120R	10 mH	11.1 mH

OMEGA MODEL	In Step Of	Total Inductance
<b>FOUR DIAL (Total Step 40)</b>		
DL-120K/DI-120K	1 mH	11.11 H
DL-120S/DI-120S	0.1 mH	1.111 H
DL-120T/DI-120T	10 mH	111.1 H

OMEGA MODEL	In Step Of	Total Inductance
<b>FIVE DIAL (Total Step 50)</b>		
DL-120U/DI-120U	0.1 mH	11.111 H
DL-120W/DI-120W	1 mH	111.11 H

**FIXED INDUCTANCE TYPE FI-111**

**OMEGA TYPE FI - 111** Inductance are particularly recommended as secondary standards for laboratory use. These Inductance are accurately adjusted Inductance units, wax sealed in phenolic cases to exclude moisture and to provide protection from mechanical damage.

**SPECIFICATIONS**

- 01 ACCURACY:  $\pm 2\%$  at 1KHz
- 02 Watt/ Volt : 1/2 W (150VPP)-
- 03 RANGE : Any value from 100 , 200, 300, 400, 500 mH 1, 2, 3, 4, 5, 10, 20, 30, 40, 50, 100, 200, 300, 400, 500mH. 1, 2, 3, 4, 5H

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