

FIXED INDUCTORS (AIR & FERRITE CORE) AND FIXED MUTUAL INDUCTORS OMEGA TYPE -501,502, M505, ATR-175

These are highly stable secondary standard of Self and Mutual Inductance for general laboratory applications. These are supplied in sunmica finished wooden boxes. These inductors are secured to a processed silver grey aluminium panel. In case of mutual inductance value, D.C. resistance of primary & secondary coils and maximum current in primary coil is mentioned on the panel & in case of fixed inductors maximum current in primary & D.C. resitance are also mentioned on the panel. Ferrite core have high Q and low resistance in comparison to air core inductors.

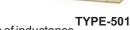
Two jack-topped binding parts are used as output terminals. One terminal has been provided for grounding.

FEATURES

- 01 Stable within 0.5%
- Precisely adjusted and accurately calibrated 02
- No pickup from low external fields 03
- Free from humidity errors 04
- Useful at audio frequencies 05

SPECIFICATIONS

ACCURACY 01 : ± 1% at 1 KHz







TYPE-M505

- Maximum current in primary for different values of inductance 02 100 mH to 5 mH -- 730mA, 10 mH to 500 mH - 100mA, 1 H to 5H - 20mA
- MAXIMUM INPUT POWER: For 20°C rise, 3 W. For precise work 1.5°C rise 200 mW. 03
- 04 Dimension : W 153 x H 153 x D 70 (Type -501 & M-505),
- Dimension : W 115 x H 115 x D 115 (Type -502) 05

Ind	Value of ictance	Current Capacity	Fixed Inductors (Air Core) Omega Type	Fixed Inductors (Ferrite Core) Omega Type	Fixed Mutual Inductors Omega Type
	100 mH 200 mH 500 mH 1 mH 2 mH 5 mH 10 mH 20 mH 50 mH 100 mH 200 mH 500 mH 1 H 2 H	730mA 730mA 730mA 730mA 730mA 730mA 100mA 100mA 100mA 100mA 100mA 20mA 20mA	501 - B 501 - C 501 - D 501 - E 501 - F 501 - G 501 - H 501 - J 501 - K 501 - L 501 - N 501 - N 501 - N 501 - P 501 - P 501 - D	502 - B 502 - C 502 - D 502 - E 502 - F 502 - G 502 - H 502 - J 502 - H 502 - L 502 - K 502 - L 502 - N 502 - N 502 - P 502 - Q	M - 505 B M - 505 C M - 505 D M - 505 E M - 505 F M - 505 G M - 505 H M - 505 J M - 505 K M - 505 L M - 505 N M - 505 N
	500 mH 1 H	100mA 20mA	501 - N 501 - P	502 - N 502 - P	

Note : Other value on customer requirement.

OMEGA TYPE ATR-175 A.F. Attenuator provides a simple means of voltage attenuation normally required for electronic measurements and telecommunication work.

Both the terminal sides are isolated from ground and either side can be connected.

SPECIFICATIONS

01

- INPUT/OUTPUT IMPEDANCE 600 ohms 1
- 02 **TERMINATING RESISTANCE**
- 03
- 04

- - 600 ohms built in which can be switched 'IN' or 'OUT' 2 watt
- MAX. INPUT POWER : : ±3%
- ACCURACY
- 05 FREQUENCY RESPONSE

: Within 1 dB from D.C. TO 1MHz : W290 x H 160 x D 230

06 Dimension

Omega Type	No. of Steps	Range	In steps of	No. of dials
ATR-175A	20	0-110 dB	1.0 dB	2
ATR-175B	30	0-111 dB	0.1 dB	3

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

OMEGA ELECTRONICS

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