



OMEGA TYPE ETB-127 Experimental Training Board has been designed specifically for the study of R.C. Transmission Line at 50Hz. The variation in magnitude and phase of the voltage after every section can be studied for different input voltages at 50 Hz. One will observe the phase shift of almost 2p in 20 sections.

Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

- 01 To study R-C Transmission Line at 50Hz.
- 02 To draw a curve, showing the variation of magnitude and phase of the Voltages along the R.C. ladder network and to find the attenuation.

FEATURES

The board consists of the following built-in parts :

- 01 AC step down transformer having secondary tapings at 50, 100 and 200V at 100mA.
- 02 20T sections of R & C brought out on sockets for connections.

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

- 03 Mains ON/OFF switch, Fuse and Jewel light.
- 04 The unit is operative on 230VAC $\pm 10\%$ at 50Hz.
- 05 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 06 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 07 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

- 08 Weight : 5.500 Kg. (Approx.)
- 09 Dimension : W 415 x H 165 x D 315

OTHER APPARATUS REQUIRED:

- 01 Digital Multimeter $3\frac{3}{4}$ digit
OMEGATYPE DMM-201

OMEGA ELECTRONICS