



OMEGA TYPE ETB-10 Experimental Training Board has been designed specifically to study the voltage distribution along L.C. Transmission line in the form of an Artificial Transmission line. It also helps students to study Ferranti effect, distortion-less line and velocity of propagation.

OBJECT

To study voltage distribution along L.C. Transmission line

- 01 Voltage distribution along open circuit line.
- 02 Voltage distribution along short circuit line.
- 03 Study of Ferranti effect.
- 04 Study of distortion-less line.
- 05 Velocity of propagation.

FEATURES

The board consists of the following built-in parts :

- 01 Artificial Transmission Line, consisting of 20T sections. Each section contains two R.F. chokes and one condenser with connections brought out on terminals on the front panel.
- 02 16 metal connectors for connections between terminals.

03 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.

04 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.

05 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

06 Weight : 5.100 Kg. (Approx.)

07 Dimension : W 415 x H 165 x D 315

OTHER APPARATUS REQUIRED

- 01 V.T.V.M. OMEGA TYPE VTV-10
- 02 AF Generator OMEGA TYPE AO-300
- 03 Decade Resistance Box
OMEGA TYPE DRBC-115L
- 04 Dual trace CRO OMEGA TYPE CRO-20

LIST OF ACCESSORIES

- 01 Patch cords 4 mm length 50cm Red.....04
- 02 Patch cords 4 mm length 50cm Black....01
- 03 Aluminum Strips for connection.....16

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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