



OMEGA TYPE ETB-147 Experimental Training Board has been designed specifically for the study of Cascode Amplifier. Various parameters of a Cascode Amplifier can be measured on this training board. Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

To study Cascode Amplifier or CE-CB configuration for AC analysis and to determine the following parameters:

- 01 The input resistance
- 02 The output resistance
- 03 The overall voltage gain
- 04 The overall current gain

FEATURES

The board consists of the following built-in parts:

- 01 +12 V DC at 50 mA, IC Regulated Power Supply internally connected.
- 02 Two NPN transistors.
- 03 Adequate no. of other electronic components
- 04 Mains ON/OFF switch, Fuse and Jewel light.
- 05 The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.

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 : 2Kg. (Approx.)

09 Dimension : W 340 x H 125 x D 210

LIST OF ACCESSORIES:

- 01 Patch Cord 4mm multipin length 50 cm Red....01
- 02 Patch Cord 4mm multipin length 50 cm Blk....01

OTHER APPARATUS REQUIRED :

- 01 AC Millivoltmeter OMEGATYPE ACV-25
- 02 Function Generator OMEGATYPE FG-321
- 03 Decade Resistance Box
OMEGATYPE DRBC-115C
- 04 Dual trace CRO 20MHz OMEGATYPE CRO-20.

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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