



OMEGA TYPE ETB-276 experimental training board has been designed specifically for the study of PIN diode characteristics.

The setup is completely self-contained and requires no other apparatus.

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

OBJECT

- 01 To study PIN photodiode forward and reverse bias characteristics for fixed irradiation.
- 02 To study dependence of photocurrent on light intensity.

FEATURES

The board consists of the following built in parts

- 01 D. C. variable power supply 0-5V D.C. at 50mA.
- 02 6 V AC at 500mA in steps of OFF, 1V, 2V, 3V, 4V and 5V.
- 03 Auto bulb 12V, 5 Watt.
- 04 Digital voltmeter range 0-20V.
- 05 DC ammeter dual range 0-20 / 200uA.
- 06 Mains ON/OFF switch, Fuse and jewel light.
- 07 The unit is operative on 230V AC $\pm 10\%$ at 50Hz.
- 08 Adequate no. of other electronic components.
- 09 Adequate number of patch cords stackable from rear both ends 4mm spring loaded plug length 50 cm.
- 10 Good quality and reliable terminal / sockets are provided at appropriate places on panel for connections and observation.
- 11 Strongly supported by detailed operating instructions giving details of Object, Theory, Design procedures, Report Suggestions and Book references
- 12 Weight : 2.100 Kg. Approx
- 11 Dimension : W 340 x H 125 x D 210 mm

LIST OF ACCESSORIES

- 01 Patch cords 4mm length 50cm Red 03
- 02 Patch cords 4mm length 50cm Black 04

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

OMEGA ELECTRONICS