



Experimental Training Board has been designed specifically to study the characteristics of an Audio Frequency Transformer.

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

Object: To study an Audio Frequency Transformer.

01. To measure the transformer ratio of an A.F. Transformer.
02. To find out the optimum value of load resistance to match with A.F. Transformer.
03. To plot transmission curve for A.F. Transformer.
04. To plot linearity curves for A.F. Transformer.

Features:

The board consists of the following built-in parts :

01. An Audio Frequency Transformer.
02. Decade Resistances, Two dials of 1 Ohm and 10 Ohms, Total 110 Ohms.
03. Adequate no. of other electronic components.
 - * Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length ½ metre.
 - * Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
 - * Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
 - * Weight : 3 Kg. (Approx.)
 - * Dimension : W 340 x H 110 x D 210

Other Apparatus Required:

- * Audio frequency generator
- * A.C. Millivoltmeter

Note: Specifications are subject to change.

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