



AMPLITUDE MODULATION/ DEMODULATION (BASE TYPE) MODEL - COM101B

This trainer has been designed with a view to provide practical and experimental knowledge of Amplitude Modulation /Demodulation technique on a single PCB.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. On Board AF Modulating signal generator - Sine wave
Frequency Range : 300 Hz to 3.4 KHz
Amplitude : 0 to 5 Vpp.
4. On Board RF carrier signal generator.
Frequency Range : 100 KHz
Amplitude : 0 to 5 Vpp.
5. Modulator Type : Transistor Base modulator.
6. Demodulator Type : Envelope Detector (Diode detector).
7. Standard Accessories : 1. A Training Manual

EXPERIMENTS

1. To generate AM signal using Double Balanced Modulator.
2. To measure modulation index of AM signal.
3. To demodulate AM signal using Diode detector (Envelope detector).

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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