



AMPLITUDE MODULATION/DEMODULATION USING CLASS C AMPLIFIER

MODEL - COM101C

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 : 1KHz
Amplitude : 0 to 3 Vpp.
4. On Board RF carrier signal generator.
Frequency Range : 400KHz to 500KHz.
Amplitude : 0 to 10 Vpp.
5. Modulator Type : Class C modulator.
6. Demodulator Type : Diode detector
7. All parts are soldered on single PCB of size 12" x 9"with complete circuit diagram screen-printed.
8. Standard Accessories :
 1. A Training Manual.
 2. Connecting Patch cords.

EXPERIMENTS

1. To generate AM signal by modulating with Audio signal generator
2. To demodulate AM signal using Diode detector (Envelope detector).

Sigma Trainers and Kits
E-113, Jai Ambe Nagar,
Near Udgam School,
Thaltej,
AHMEDABAD - 380054.
INDIA.

Phone(O): +91-79-26852427/ 26850829
Phone(F): +91-79-26767512/ 26767648
Fax : +91-79-26840290/ 26840290
Mobile : +91-9824001168
Email : sales@sigmatrainers.com
: sigmatrainers@sify.com
Web : www.sigmatrainers.com

Dealer:-