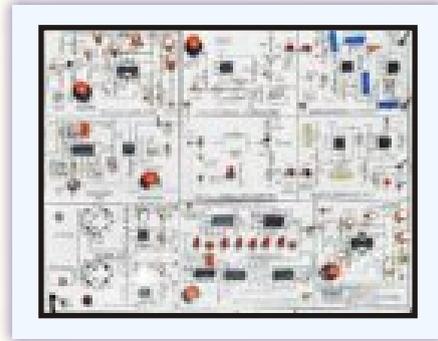




FIBER OPTIC AM MODULATION / DEMODULATION TRAINER MODEL - FOT101AM

This trainer has been designed with a view to provide practical & experimental knowledge of a general circuit of voice link fiber optic using AM.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. On Board AF Modulating signal generator - Sinewave
Frequency Range : 1KHz & 2KHz
Amplitude : 0 to 5 Vpp.
4. On Board Input Audio amplifier with Volume control for modulating external signal from Mike or Tape recorder.
5. On Board Output Audio amplifier with speaker & Volume Control.
6. Modulator Section : AM Modulator
7. Demodulator Section : Low Pass Filter-4th order Butter worth- 3.4KHz
8. Transmission Source : Fiber Optic LED - 950 nm
9. Receiver Source : Fiber Optic Avalanche Photo diode (APD).
10. All parts are soldered on single pin TAGS on single PCB with complete circuit diagram screen-printed.
11. Standard Accessories : 1. A Training Manual
2. Connecting Patch cords.

EXPERIMENTS

1. To transmit Voice signal using fiber optic cable.
2. To receive Voice signal using fiber optic cable.

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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Dealer:-