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.

FEATURES

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
10. All parts are soldered on single pin TAGS on single PCB with complete circuit diagram screen-printed.
                                2. Connecting Patch cords.

SPECIFICATIONS

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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