

FIBER OPTIC ANALOG/VOICE LINK

MODEL - FOT101AV

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



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.

2. Built in IC based power supply.

3. Transmitter Board : Fiber Optic LED - 660nm

On Board Input Audio amplifier with Volume control for modulating external signal from Mike or Tape recorder.

4. Receiver Board : Fiber Optic Avalanche Photo diode (APD).

On Board Output Audio amplifier with speaker & Volume Control

5. All parts are on two single PCB with complete circuit diagram screen printed.

6. Standard Accessories : 1. A Training Manual

2. Connecting Patch cords.

3. Fiber Optic Cable -10mtr.

EXPERIMENTS

- 1. To transmit voice frequency signal through Fiber optic LED.
- 2. To receive voice frequency signal through photo diode 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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