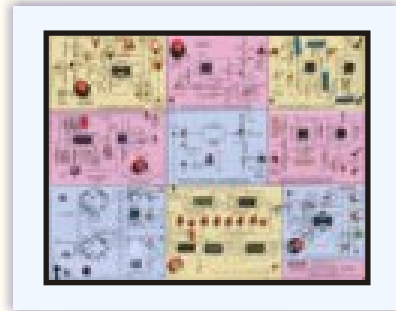




FIBER OPTICS FM MODULATION/ DEMODULATION TRAINER MODEL - FOT104FM

This trainer has been designed with a view to provide practical and experimental knowledge of a general circuit of Fiber Optic FM Modulation/Demodulation on a SINGLE P.C.B.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. On Board Audio signal generator - Sine wave
Frequency : 300Hz to 3.4KHz
Amplitude : 0 to 5Vpp.
4. Transmitter : Fiber optic LED's (Peak Wavelength of emission 820nm)
5. Receiver : Fiber optic Photo diode
6. Modulation : Frequency Modulation
7. Demodulation : FM Detector and Low pass Filter
6. All parts are soldered on single PCB of size 12" x 9" with complete circuit diagram screen-printed.
9. Standard Accessories :
 1. A Training Manual
 2. Connecting Patch cords.

EXPERIMENTS

1. To transmit and receive frequency modulated analog 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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