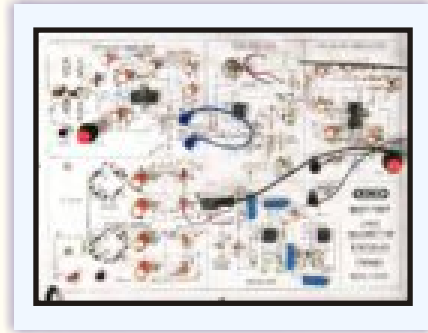




FIBER OPTIC PULSE POSITION MODULATION/DEMODULATION TRAINER

MODEL - FOT108

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



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 synchronized
Amplitude : 0 to 5 Vpp.
4. On Board Sampling Pulse signal generator.
Frequency Range : 2 KHz to 32 KHz.
5. Modulator Sections : Sample and Hold using Multiplexer.
6. Demodulator Sections : Comparator , & Low Pass Filter Cut off fre.-3.4 KHz
7. Transmitter: 1 No. Fiber optic LED's (Peak Wavelength of emission 660nm)
8. Receiver: 1 No. Fiber optic Photo Detectors
9. Standard Accessories : 1. A Training Manual

EXPERIMENTS

1. To modulate Pulse Position signal using fiber optic cable.
2. To demodulate Pulse position 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:-