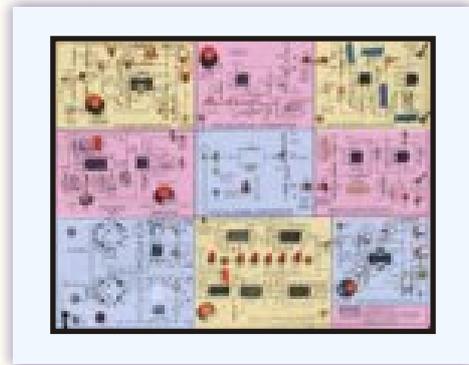




BASIC FIBER OPTICS TRAINER

MODEL - FOT100

This trainer has been designed with a view to provide practical and experimental knowledge of basic elementary fiber optics on SINGLE PCB.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. On Board AF signal generator - Sine wave
Frequency Range : 300 Hz to 3.4 KHz
Amplitude : 0 to 5 Vpp.
4. On Board Modulating Digital Data signal generator to generate any binary input word with Bit clock
Data Format : NRZ
5. Transmission Source : Fiber Optic LED - 660nm and 820nm
6. Receiver Source : Fiber Optic Avalanche Photo diode (APD).
7. All parts are soldered on single pin TAGS on single PCB with complete circuit diagram screen-printed.
8. Standard Accessories :
 1. A Training Manual.
 2. Connecting Patch cords.
 3. Fiber Optic Cable

EXPERIMENTS

1. To transmit and receive analog signal using fiber optic cable.
2. To transmit and receive digital 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:-