



# ANALOG & DIGITAL FIBER OPTIC LINK

MODEL- FOT103A

This trainer has been designed with a view to provide practical and experimental knowledge of a general circuit of analog and digital fiber optic link on a SINGLE P.C.B.



## SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. Transmitter : 2 No. Fiber optic LED's (Peak Wavelength of emission 660nm)  
On Board Input Audio amplifier with Volume control for modulating external signal from Mike or Tape recorder.
4. Receiver : 2 No. Fiber optic Photo Detectors  
On Board Output Audio amplifier with speaker & Volume Control
5. Function Generator : 1KHz Sine Wave (Amplitude adjustable)  
1KHz Square Wave (TTL)
6. All parts are soldered on single PCB with complete circuit diagram screen printed.
7. Standard Accessories :
  1. A Training Manual.
  2. Connecting Patch cords.
  3. Fiber Optic Cable - 1 meter.

## EXPERIMENTS

1. To transmit Analog/digital frequency signal through Fiber optic LED.
2. To receive Analog/digital 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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