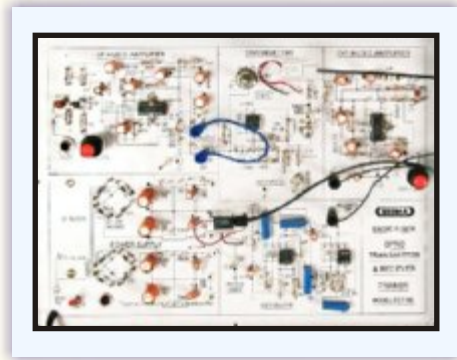




FIBER OPTIC ANALOG & DIGITAL TRANSMITTER & RECEIVER MODEL - FOT103

This trainer has been designed with a view to provide practical & experimental knowledge of a general circuit of Analog & digital transmitter and receiver.



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)
4. Receiver : 2 No. Fiber optic Avalanche Photo diode (APD). Photo Detectors
5. Modulation Technique :
 - a. Direct Amplitude Modulation & Demodulation
 - b. Frequency Modulation & Demodulation
 - c. Pulse width Modulation & Demodulation
6. Drivers : Analog & Digital for both channels
 - a. Analog Bandwidth : 350 KHz
 - b. Digital Bandwidth : 2.5 MHz
7. Function Generator :
 - a. 1KHz Sine Wave (Amplitude adjustable)
 - b. 1KHz Square Wave (TTL)
9. All parts are soldered on single PCB with complete circuit diagram Screen-printed.
10. Standard Accessories :
 1. A Training Manual.
 2. Fiber Optic Cable - 1-mtr.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

Sigma Trainers and Kits
E-113, Jai Ambe Nagar,
Near Udgam School,
Thaltej,
AHMEDABAD - 380054.
INDIA.

Phone(O): +91-79-26852427/ 26850829
Phone(F): +91-79-26767512/ 26767648
Fax : +91-79-26840290/ 26840290
Mobile : +91-9824001168
Email : sales@sigmatrainers.com
: sigmatrainers@sify.com
Web : www.sigmatrainers.com

Dealer:-