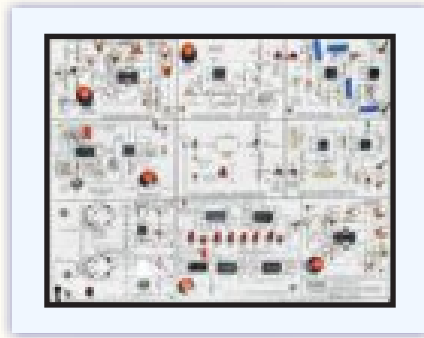




ADVANCED FIBER OPTICS TRAINER

MODEL - FOT200M

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



SPECIFICATIONS

1	Transmitter	:	2 No. Fiber optic LED's (Peak Wavelength of emission 660nm)
2	Receiver	:	2 No. Fiber optic Photo Detectors
3	Modulation Technique	:	a. Direct Amplitude Modulation & Demodulation b. Frequency Modulation & Demodulation c. Pulse width Modulation & Demodulation
4	Drivers	:	Analog & Digital for both channels
	Analog Bandwidth	:	350 KHz
	Digital Bandwidth	:	2.5 MHz
5	Function Generator	:	a. 1 KHz Sine Wave (Amplitude adjustable) b. 1 KHz Square Wave (TTL)
6.	Power Supply	:	230V +/-10%, 50 Hz

Experiments

- (1) To transmit and receive analog signal using fiber optic cable:-
- (2) To transmit and receive frequency modulated analog signal using fiber optic cable:-
- (3) To transmit and receive Pulse width modulated analog signal using fiber optic cable:-

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Dealer:-