

Product Name : Fibre Optic Simplex Analogue Transceiver Trainer	Product Code : NLAB-ELECTRONICSAB240008
Description : Fibre Optic Simplex Analogue Transceiver Trainer	
Technical Specification : Fibre-Optic Simplex Analogue Transceiver Trainer has been designed specifically for the study of a typical linear intensity modulation system for analogue signal transmission. Practical experience on this board carries great educative value for Science & Engineering Students. Object: To study ac characteristics of a Linear Intensity Modulation system : Gain characteristics of a fibre optic Linear Intensity Modulation System V_{in} (ac) Vs V_o (ac) for fixed carrier power P_o and signal frequency Frequency Response of ac fibre-Optic Linear Intensity Modulation System. V_{out} (ac) Vs f_o at fixed carrier power P_o and V_{in} (ac). Gain-Band width Product of a fibre Optic Linear Intensity Modulation Receiver. Gain Vs Bandwidth for fixed V_{in} . Features: The board consists of the following built-in parts: IC Regulated D.C. Power Supply. Fibre-Optic Transmitter Fibre-Optic Receiver Potentiometer to vary the current of LED in Transmitter and Photo transistor in receiver. Adequate no of other electronic components.	

Mains ON/OFF switch, Fuse and Jewel light.

The unit is operative on 230V +10% at 50Hz A.C. Mains.

Adequate no. of patch cords stackable 4mm spring loaded plug length ½ metre.

Weight : 3 Kg. (Approx)

Dimension : W 340 x H 110 x D 210

Other Apparatus Required:

AF/RF Generator 10Hz to 1MHz

Digital Multimeter

Cathode Ray Oscilloscope 20MHz

Naugralabequipments

Website: www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India. **Phone:** +91-9896600003