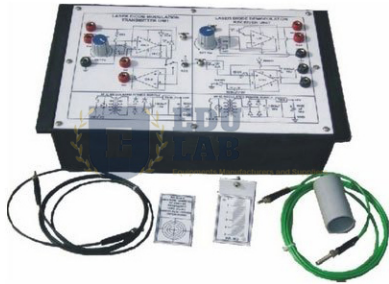


Product Code . EL-VLTE-11614

Laser Fibre Optic Trainer



Description

Laser Fibre Optic Trainer

Practical experience on this Trainer carries great educative value for Science & Engineering Students. Modulation and Demodulation Trainer have been developed to conduct studies on laser diode, optical Fibres and optical communication methods, by signal transmission. .

Experiments

Characterization of a Laser Diode.

- Optical Power (P_o) of a Laser Diode Vs Laser Diode Forward current (I_F).
- Monitor Photodiode Current (I_M) Vs Laser Optical Power Output (P_o)

Design and Evaluation of an Laser Diode (LD) Analog IM System

- V_o Vs V_{in} at Specified Optical Carrier Power Levels, P_o .
- Determination of V_{in} (max) at Specified P_o for Distortion-free V_o .

Study of Automatic Current Control (ACC) or Automatic Power Control (APC) Modes of Operation

- Comparison of ACC and APC Modes of Operation.

Design and Evaluation of Laser Diode LD Digital Transmission System

- Risetime and Falltime Pulsewidth Distortions and Determination of Propagation Delay.

We are leading manufacturers, suppliers of Laser Fibre Optic Trainer for Vocational Lab Training Equipments. Contact us to get high quality Laser Fibre Optic Trainer for Vocational Lab Training Equipments for schools, colleges, universities, research labs, laboratories and various industries.

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