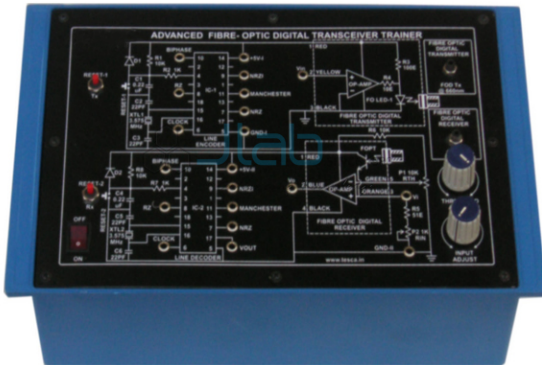


Product Code . JL-FOT-1539

Advanced Fibre Optic Digital Transceiver Trainer



Description

Fibre-Optic Digital Transceiver Trainer

Object:-

Design and study of a Fibre-optic digital link

Study of rise-time and fall-time distortions

Study of propagation delay

Encoding methods for fibre-optic digital transmission

Base band or Non Return to Zero (NRZ) Transmission

Return to Zero coding (RZ)

Non Return to zero inverted coding (NRZI)

Biphase Coding

Manchester Coding

Features :

The board consists of the following built-in parts:

Fibre-Optic digital transmitter @ 660nm

Fibre-Optic digital receiver

Two Potentiometer

Two Isolated IC regulated D.C. power supplies

ers to vary, RIN (input resistance) of receiver and RTH (Threshold resistance) of receiver

Encoder IC

Decoder IC

Two Crystals

Two reset switches resetting encoder and decoder

Adequate no of other electronic component

Mains ON/OFF switch, Fuse and Jewel light

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

Adequate no. of patch cords stackable 4mm spring loaded plug length $\frac{1}{2}$ metre

Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms

Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References

Weight:- 3 Kg. (Approx)

Dimension:- W 340 x H 110 x D 210

Other Apparatus Required:

Cathode Ray Oscilloscope 20MHz

Advanced Fibre Optic Digital Transceiver Trainer Manufacturer India, Advanced Fibre Optic Digital Transceiver Trainer Exporters, Electronics Advanced Fibre Optic Digital Transceiver Trainer, Buy Advanced Fibre Optic Digital Transceiver Trainer, Buy Advanced Fibre Optic Digital Transceiver Trainer Online India, Lab Exporters India, Didactic, Didactic Electronics Equipments For School Lab, Electrical Training Equipment Exporters and Educational Equipments, Electrical Training Equipment Suppliers, Electronics Instruments and Equipments Manufacturers.

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