Product name:	Product code:
Fibre-Optic Simplex Analogue Transceiver Trainer	Fiber0001

Description

Fibre-Optic Simplex Analogue Transceiver Trainer

Technical specification

Fibre-Optic Simplex Analogue Transceiver Trainer To study ac characteristics of a linear intensity modulation system:
Gain characteristics of a fiber optic linear intensity modulation system VIN (ac) Vs Vo (ac) for fixed carrier power Po and signal frequency
Frequency Response of ac fiber-optic linear intensity modulation system Vout (ac) Vs of at fixed carrier power Po and VIN (ac)
Gain-Band width product of a fiber optic linear intensity modulation receiver
Gain Vs bandwidth for fixed VIN
Features:
The board consists of the following built-in parts:
IC regulated D.C. power supply
Fiber-optic transmitter
Fiber-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 meter
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

NAUGRA®

Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India

Email us at: export@civilmechanicalindia.com