

Product Name :
Transmission Line Trainer (4mhz Frequency Generator)

Product Code :
NLAB-EDUSCHOOLEQ198005

Description :

Transmission Line Trainer (4mhz Frequency Generator)

Technical Specification :

SCOPE OF LEARNING:

Measurement with 1) Matched, 2) Short, 3) Open end of the line

Measurement of line properties

Measurement of line attenuation

Frequency characteristics of line

Input impedance of the line

Measurement of stationary waves

Phase shift along the line

Fault localization within the line

TECHNICAL SPECIFICATIONS:

Frequency Generator:

Sine Wave Generator, Provides Synchronized Sine waveform output ranging from 4 KHz to 4MHz.

Square Wave Generator 40 KHz to 4 MHz,

Power Supply:

Operated on Mains power 230V, 50Hz +10%

Components are mounted on the panels are:

Transmission Lines 4 set of 25 meter each RG174 Coaxial cable.

Two 100E pot for Impedance Matching

SALIENT FEATURES:

Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols.

Instruction manual.

Connections are brought out through 2mm Sockets.

Patch Cords 2mm.

The trainer is housed in ABS Plastic cabinet.

Size of the trainer set 12"x10"

Naugralabequipments

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

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