

**Product Name :**  
Microwaves trainer

**Product Code :**  
ETLE0003



## Description :

Microwaves trainer

## Technical Specification :

Microwaves trainer

Main Topics of Microwaves trainer

The Microwaves trainer has been designed to introduce students to the microwave technology. Microwaves trainer consists of a set of components, accessories and instruments and can be used as a laboratory test bench to experiment with the microwave components as well as to study the aspects of wave propagation. Our 2 cm waveguide trainer provides users with an in-depth training on frequency transmission characteristics and gives students the possibility to perform all the main exercises in this field. The Microwaves trainer is provided complete with a detailed educational manual. The Microwaves trainer includes the following components: variable attenuator, crystal detector, directional coupler, shorting pins, matched terminator, waveguide to coaxial adapter, waveguide, frequency meter, Gunn oscillator, PIN modulator, SSB and DSB load attenuator, hybrid tee, horn antenna, slotted line, slide screw tuner, function generator, power supply, power meter, SWR meter.

Components of Microwaves trainer

1. Power meter
2. SWR METER
3. Function Generator
4. Power Supply
5. Gunn Oscillator
6. PIN Modulator
7. Frequency Meter
8. Variable Attenuator
9. Slotted line
10. Hybrid Tee
11. Crystal Detector
12. Waveguide

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- 13. Matched Termination
  - 14. Slide Screw Tuner
  - 15. Horn Antenna
  - 16. Coaxial Adapter
  - 17. Directional Coupler
  - 18. Waveguide Stacks
  - 19. Standing plane
  - 20. Screens and slots

# LAB ENGINEERING

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