

MICROWAVE WAVE PROPAGATION SET UP

Model: MI-2001



Compact Microwave Lab kit consists of the following Components and Instruments :-

- Gun Power Supply 1no.
- Gun Oscillator 1no.
- Variable Attenuator 2nos.
- Horn Antenna 1no.
- Goniometer/Turn Table 1no.
- Receiver (Detector) 1no.
- Tone Generator 1 KHz 1no.
- Power Display Digital relative measurements 2nos.
- Reflector plates 2nos.
- Partial Reflector 1no.
- Prism 1no.
- Lattice structure 1no.
- Polyfoam sheet 1no.
- Cooling fan 1no.
- BNC to BNC Cable
- Accessories like Din connectors, cables, Metal plate holders, Polarization Grille

To study the basic setup and Introduction to the given system

To know the working of Transmitter and Receiver

To study the standing waves and Measure the wavelength of Microwave

To study the Reflection in Microwaves

To study the Refraction in Microwaves

To study the Fabry-Perot interferometer

To study the Voice Communication with the help of Microwave Receiver

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