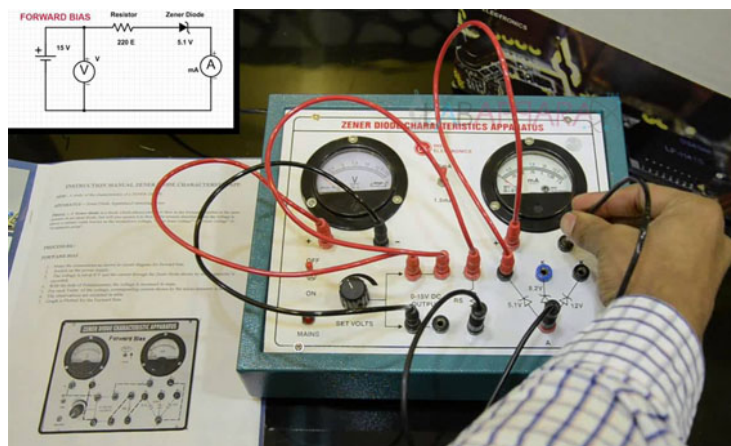


Sattelite Communication Trainer (7 PLL Uplink 5.8 GHz & 4 PLL Downlink 2.4 GHz)



Product Categories: [Advance Communication Lab](#), [Engineering Equipment](#)

Product Page:

<https://www.labappara.com/product/sattelite-communication-trainer-7-pll-uplink-5-8-ghz-4-pll-downlink-2-4-ghz/>

Product Description

Sattelite Communication Trainer (7 PLL Uplink 5.8 GHz & 4 PLL Downlink 2.4 GHz)

Satellite Communication Training Kit has built in antenna system which operates in the microwave frequency range of 5.8GHz & 2.4GHz. The trainer provides a wide range of Baud rates / Microwave modulation rates in a PC to PC link.

The Satellite Communication Training Kit is also used for the study of the following parameters:

- Receiver and Satellite Emulator.
- Variable path loss at uplink and downlink channels.
- Measurement and Analysis of Carrier to Noise Ratio and Signal to Noise Ratio to examine the quality of signal.
- High RF output power and low noise.
- Built in Interference Generator and Noise Figure Analyser.
- Condenser microphone and speaker are provided for audio link.
- Display of PLL synthesized frequency in Transmitter.
- Camera and Video monitor for video link.
- Transponder for up-link and down-link.
- Dish X 2 & Patch X 2 for linear & circular polarization study for Helix antennas for 2.4 & 5.8GHz.
- Signal monitoring outputs at uplink & downlink.