

Product Name :
Antenna Trainer for Communication Teaching Labs

Product Code :
COM-TR-44



Description :

Antenna Trainer - Antenna Trainer - The desktop Antenna Training System has been specially designed for engineering colleges and training centers. It is very useful for introducing practical verification of antenna operation to the students. The work book provides theoretical concepts and detail procedure of experiments with each type of antenna. The training system includes set of modular mechanical elements forming various antennas, a transmitter unit and a detector unit. All the accessories are packed in a convenient carrying case. The Antenna Training System also comes with Motorised Antenna Unit (Model) to automate the recording of the radiation pattern of the antennas. The Motorised Antenna Unit consists of a Microcontroller based system for Capturing, Displaying and Printing of Antenna radiation pattern. The system capture signal at an interval of 1 rotation using stepper motor and radiation pattern is displayed on PC . The Windows based Software is supplied in CD Rom. The PC Communication is via RS232 port. It used with

Self Contained Simple and Student Friendly platform

Hands on set-up for measuring and plotting radiation Patterns of 20 different Antennas

On board RF & Tone Generators

Antenna Matching Stub

Characteristics and SWR Measurement

Transmitting and Receiving levels observed On Built- in Meters

Functional Block indicated On- board Mimics

Fully Documented Operating Manual and Polar Charts

Antenna kit for fabricating Special Antenna

Compact Design

Lightweight

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