

Product Name :
Antenna Trainer-AT for Vocational Training and Didactic Labs

Product Code :
ETKN-0011



Description :

Equipment for Education, Engineering and Vocational Training - Antenna Trainer is Stand Alone, Versatile Table top system that Provides hands on experimentation, understanding, working of Antennas and to Plot their polar plots without any high Frequency Equipment. Training system includes Modular Mechanical Elements forming various Antennas, Transmitting unit and a Detector unit. All the Accessories are packed in a Convenient carrying case.

Experiments

01. Polar plots & polarization
02. Wave modulation & demodulation
03. Antenna gain
04. Antenna beam width
05. Element current Study
06. Front-back ratio study

- 07. Antenna matching
- 08. Antenna radiation with distance
- 09. Antenna Fabrication Study
- 10. SWR Measurement

Technical Specification :

FEATURES

- * RF Generator : 750 MHz Approx. (Output Adjustable)
- * Tone Generator : 1KHz Sine wave (Output Adjustable)
- * Matching Stub : Slider Type
- * Directional coupler : Forward and Reverse (Selectable)
- * Antenna Rotation : 0-360 Deg. Resolution 1 Deg
- * RF Output Connector : 75 ohm.
- * RF Detector : Level Adjustable Meter
- * Interconnections : 4mm banana sockets
- * Power supply : 230V AC 10±% 50Hz

Naugra Export

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