



DIGITAL COMMUNICATIONS & MICROWAVE ANTENNAS TRAINER KIT

Digital
Communications
Trainer Kit

OVERVIEW

Digital Communications & Microwave Antennas Trainer Kit is a two in one trainer kit for both digital communications and microwave antenna studies. The kit can be used to generate and demonstrate various digital modulation signals. This kit comes with various types of ISM band antennas which can be used for microwave antenna study and demonstration.



Single Patch



Dual Patch



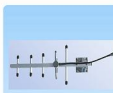
Dipole



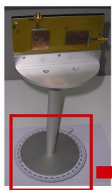
Planar



Paraboloid



Yagi



Antenna Stand with
Angle Marking

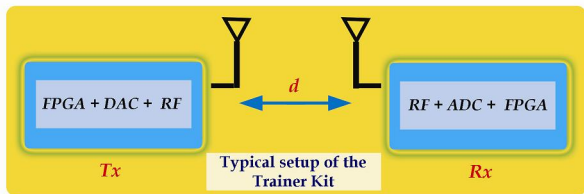
FEATURES & APPLICATIONS

- BPSK/QPSK/QAM/ASK/FSK signals
- CW signal
- Baseband and RF Up/Down conversion
- Study of all commonly used antennas
- Study of different communications systems

SPECIFICATIONS

- High performance FPGA baseband
- Built in power supplies
- ADC/DAC
- RF Up/Down converter
- Types of antennas (2.4 - 2.5 GHz):
 - Single Patch
 - Dipole
 - Planar
 - Dual Patch
 - Paraboloid
 - Yagi

BLOCK DIAGRAM



Contact

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