



Order Code-40621 is an Advance Digital Communication Trainer System that helps one understand various Digital Modulation and Demodulation Techniques. Various functional block diagrams are provided on-board as an aid for Teaching/Training. These Kits are provided with various Test Points to visualize the signals on Oscilloscopes.

FEATURES:

- Dibit Pair, Differential Encoding type DataFormat for decoding.
- Receiver Clock generated by PLL method.
- Switch faults are provided to study its effects on circuits.
- Block Description screen printed on PCB.
- In-Built Power Supply.

LIST OF EXPERIMENTS:

- List of experiments are same for both 40620 and 40621.
- 40620 and 40621 are combined to perform the experiments

SPECIFICATIONS:

- **Data Format (De-Coding)**
 - Dibit Pair (I & Q), Differential Encoding of I & Q Bits.
- **Carrier Demodulation Techniques**
 - DPSK Demodulation
 - DQPSK Demodulation
- **On-board features**
 - Receiver Clock generated by PLL method
 - Switch Faults are provided on board to study different effects on circuit
 - Block Description Screen printed on glassy epoxy PCB
- **Interconnections**
 - All interconnections are made using 2mm banana Patch cords.
- Test points are provided to analyze signals at various points.
- All ICS are mounted on IC Sockets.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- In-Built Power Supply of +5V/1.5A, $\pm 12V/250mA$ with Power ON indication
- Attractive enclosure
- Set of 2mm Patch cords for interconnections
- User's Manual with sample experiments programs.

Note: Specifications are subject to change.

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