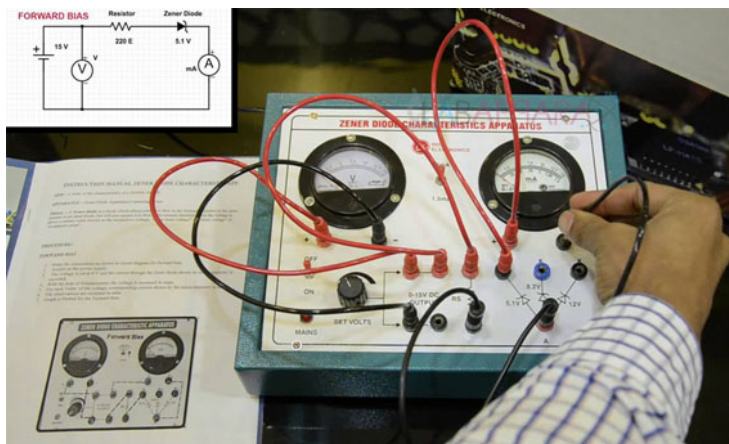


## Data Formatting and Carrier Modulation Transmitter



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

**Product Page:**

<https://www.labappara.com/product/data-formatting-and-carrier-modulation-transmitter/>

### Product Description

#### Data Formatting and Carrier Modulation Transmitter

##### **FEATURES:-]**

On-Board Carrier generation circuit (Sine waves Synchronized to transmitted data)

On-Board in phase and quadrature Phase Carrier for QPSK modulation

Different data conditioning formats NRZ (L), NRZ (M) RZ, Bi Phase (Manchester), Bi Phase

(Mark), AMI, RB Differentially encoded dibit pair

ASK, FSK, PSK, DPSK & QPSK Carrier modulation

Variable carrier and modulation offset

On Board 8 bit data source

Variable Carrier gain

On Board Unipolar to Bipolar conversion

On Board Data Inverter

##### **SPECIFICATIONS]**

Input: 2 Channel Time Division Multiplexed Data

Data Formatting: NRZ (L), NRZ (M), AMI, RB, Biphase (Manchester), Biphase (Mark),  
Differentially encoded dibit pair

Carrier Modulation: ASK PSK, PSK. DFSK: & QPSK

On-Board Carrier: Sine wave Synchronized to transmit data at 1.44MHz, 960 KHz, (0  
deg.phase) 960 KHz (90 deg phase)

Test Points: More than 38

Interconnections: 2/4 mm socket

Cabinet: Enclosed in ABS plastic cabinet with detachable cover

Power : 220V AC  $\pm 10\%$ , 50/60Hz mains operated

Accessories : Set of Patch Cords, User's manual