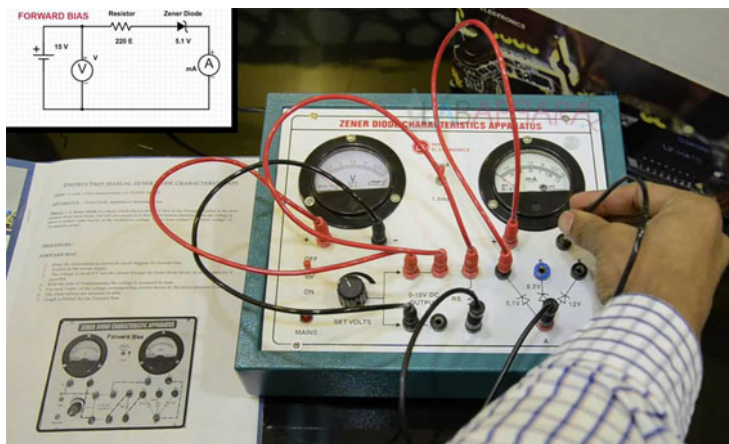# Carrier Demodulation & Data Reformatting Receiver

 Product Categories: Advance Communication Lab, Engineering Equipment
Product Page:

https://www.labappara.com/product/carrier-demodulation-data-reformatting-receiver/

Product Description

Carrier Demodulation & Data Reformatting Receiver

FEATURES:-]

7 different data conditioning formats NRZ (M) RZ. Bi phase (Manchester), Bi phase (Mark).

AMI, RB, Differentially encoded dibit pair to NRZ data.

ASK, FSK, PSK. DPSK. & QPSK carrier demodulation

Output gives 2 channel TDM multiplexed data Output

On -Board Bi phase clock recovery circuit

On - Board data squaring circuit and different decoder

SPECIFICATIONS] **Input**]: From Transmitter Kit

Output]: 2 Channel TDM Multiplexed Data Stream

Deconditioning Options:] NRZ (M), RZ, AMI RB, Bi phase (Manchester), Bi phase (Mark), differentially encoded dibit pair to NRZ(L).

Carrier Demodulation:]

ASK Rectifier Diode

FSK PLL Detector

PSK & DPSK Square Loop Detector

QPSK Fourth Power Loop Detector

Bi phase clock recovery] : By PLL

Test Points] : More than 50

Interconnections]: 2/4 mm socket

Cabinet]: Enclosed in ABS plastic cabinet with detachable cover

Power]: 220V AC ±10% 50/60Hz mains operated

Accessories] : Set of Patch Cords, Users manual