

Product Name : Digital Modulation Demodulation	Product Code : NLAB-ENGINEERINGLB35002
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Description :
Digital Modulation Demodulation
Technical Specification :
Digital Modulation Demodulation Lab Equipments Manufacturer, Suppliers & Exporters
Digital Modulation Demodulation The design and construction of electronic circuits to solve practical problems is an essential technique in the fields of electronic engineering and computer engineering. With the help of the students can study the operating principle of the digital communication using the most common techniques such as PCM modulation, FSK modulation, PSK modulation, PAM and PWM modulation, and study the SSB modulation with the aid also of a signal of noise, of analog filters and output amplifiers. ampifiers Technical Features of Digital Modulation Demodulation 1. PCM modulation and demodulation

2.

8 bit coding with compression, M or A selectable through bridge

3.

2 channels for transmission and 2 channels for reception

4.

Possibility to use 1 or 2 digital channels

5.

Integrated anti-aliasing and band limiting analogue filters in reception, capacitive switching type

6.

Passing band from 200 Hz up to 5400 Hz

7.

FMA signal generation, demodulation, transmission for each single channel

8.

PWM modulator and demodulator

9.

Two channel time division

10.

Regeneration of the synchronization and channel signals

11.

Sampled, but not quantified signal

12.

PTM Signal Generation

13.

Passing band from continuous to 4000Hz

14.

PWM and PTM modulator and demodulator

15.

Single channel with passing band from continuous to 4000 Hz

16.

Regeneration of the synchronization signal

17.

Conversion of the PPM signal to PPM and from the PPM signal to PPM

18.

PCM signal generation and demodulation

19.

PCM Signal Time-Division Multiplexing

20.

Delta modulation and demodulation Single channel with passing band from continuous to 3400 Hz

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