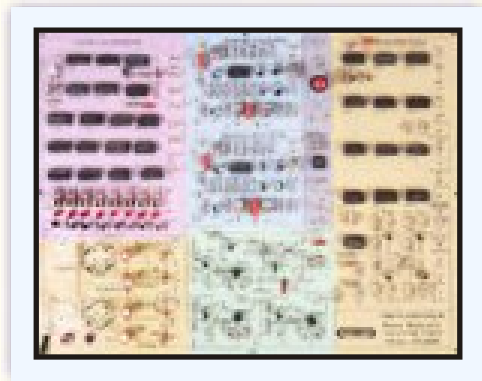




DATA CONDITIONING AND CARRIER MODULATION TRANSMITTER TRAINER

MODEL-COM205Z

This trainer has been designed with a view to provide practical / experimental knowledge of different types of Digital carrier modulation technics and data formatting technics as practically implemented in Digital Communication systems on a SINGLE P.C.B.



SPECIFICATIONS

1. Input : Two or more Channel Time Division Multiplexed Data
2. It should have various Data formats like NZ(L), NZ(M), RZ, AMI, RB, Biphase(Manchester), Biphase (mark), Differentially encoded dibit pair etc.
3. FSK, PSK, ASK & QPSK Carrier Modulation
4. On-board Sine wave carrier synchronized to transmit data at various frequencies.
5. Built-in Gaussian Noise Generation and Matched Filter
6. Various minimum necessary Test Point
7. 2 Sets of Manuals, Set of patch cord, line cord

EXPERIMENTS

1. Study of conversion of NRZ data to other data formats NRZ(L),NRZ(M), RZ, AMI, RB, Bi-phase (Manchester), Biphase(Mark), Differentially Encoded Dibit pair.
2. Study of following Carrier modulation Techniques and their comparison -ASK, FSK, PSK & QPSK.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

Sigma Trainers and Kits
E-113, Jai Ambe Nagar,
Near Udgam School,
Thaltej,
AHMEDABAD - 380054.
INDIA.

Phone(O): +91-79-26852427/ 26850829
Phone(F): +91-79-26767512/ 26767648
Fax : +91-79-26840290/ 26840290
Mobile : +91-9824001168
Email : sales@sigmatrainers.com
: sigmatrainers@sify.com
Web : www.sigmatrainers.com

Dealer:-