



SPREADING & DISPREADING USING ADDITIVE WHITE GAUSSIAN NOISE GENERATOR & FREQUENCY OFFSET

MODEL - COM1023

This trainer has been designed with a view to provide practical / experimental knowledge of Spreading & Dispreading using additive white Gaussian Noise Generator & Frequency Offset.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. On Board Pseudo-Noise (PN) Code generator.
Bits : 16 bits
Clock Frequency : 100 KHz
3. On Board Digital Data generator to generate any binary input word of
Word Length : 8 Bits.
Bit Clock Frequency : 6.666 KHz
Data Format : NRZ.
4. Spreading Code Mixer and Unipolar to Bipolar Converter section.
5. Modulator Type : Coherent Binary PSK Modulator
6. Demodulator Type : Coherent Detector.
Low pass Filter cutoff Frequency : 105 KHz
Code Dispreading : Using EX-NOR gate.
7. All parts are soldered on single pin TAGS on single PCB with complete circuit diagram Screen-printed.
8. Standard Accessories : 1. A Training Manual.
2. Connecting Patch cords.

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:-