



Amitec Scalar Network Analyser SNA05



Amitec SNA05 Technical Specifications

Amitec Model SNA05 scalar network analyzer is designed to allow you to actually SEE the Electronic Spectrum in "real time". It can be used for analysis in frequency domain to get the complete picture. The modulation products and sidebands of AM, FM, SSB, DSB, DSB-SC, VSB waveforms can be studied. The frequency range and high sensitivity is suited to EMI/EMC measurements, both radiated and conducted. This aids both identification of signals, particularly background, and the location of problem emissions. A tracking signal source along with directional coupler can be used to measure any two port network. Different training modules are provided for study and experimentation.

Frequency	10 MHz – 500 MHz
Center frequency	4 digit LED display
Accuracy	± 0.1%
Resolution	100KHz
Sensitivity	-70dBm
Attenuator	40 & 20dB External
Input Impedance	50 Ohms (BNC)
Horizontal scan	upto 50MHz/div continuous
Center freq.	Variable control
CRO Output	Linear X out (BNC) Log Y out (BNC)
Tracking signal	60dBuV Typical
Impedance	50 Ohms
Power Supply	220V ± 10%, 50Hz AC
Accessories	Mains Lead, BNC-BNC

Amitec SNA05 Features:

- * 10MHz to 500MHz measurement range
- * Waveform and modulation independent
- * Low cost with high performance
- * Inbuilt frequency counter
- * Wide input range -70dBm to +20 dBm
- * RF modules for experimentation
- * Tracking signal source for network analysis

Directional coupler 10-500 Mhz

E-Manual: Installation Video for ease of Learning

(OPTIONAL) Training Modules

1. Amplifier Gain/freq adjustable
- 2.3. RF Oscillator Colpitts/Hartley
- 4.5. Crystal Oscillator Feedback/Colpitts
6. Frequency multiplier
- 7.8. IF amplifier FM/VIF
- 9.10. HPF Butterworth/Chebychev
- 11.12. LPF Butterworth/Chebychev
- 13.14. BPF Butterworth/Chebychev
15. Bandstop Filter

Specifications are subject to upgrade due to constant innovation. Accessories shown in the photograph are not part of standard equipment.

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