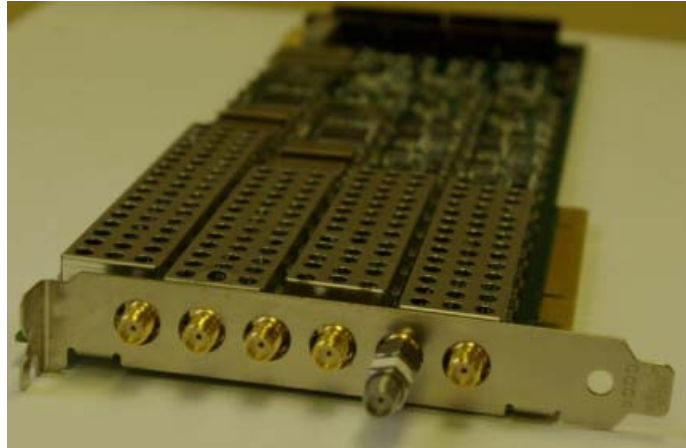


Model CNA-Card



CRYSTAL NETWORK ANALYZER

A number of crystal measurement applications and VB6 ActiveX software are available.

PRINCIPLE: Agile, low phase noise DDS-based synthesizer / dual IF amplifier vector-voltmeter based network analyzer utilizing a standard PI-network. Design to meet or exceed measurement accuracy and capabilities of currently offered equipment.

Specifications

Frequency Range.....	1-400 MHz
Frequency resolution.....	0.233Hz for 1 – 400MHz , 0.03Hz for 1 – 25MHz, 0.014Hz for 1 – 5MHz
Parameters measured.....	FS, FL, R, CL, L1, C1, CO, Q, Trim, Drive level, Spurious modes
Ext. reference.....	10 MHz into 50 Ohms @ 50mV (optional)
Internal reference.....	+/-0.25 ppm
IF Frequencies.....	100kHz, 10kHz & 1 kHz
Input channel A sensitivity	1uV – 200mV 1-200MHz
Input channel B sensitivity.....	1uV – 80mV 1-200MHz
Output Level.....	-52 to +18dBm regulated at output, in .01dB steps 1-200 MHz *
Power requirements.....	approx.25 Watts (from PC)
Dimensions (CNA-Card only) (LxWxH).....	Full size PC slot 32.5cmL x 11cmH
Weight (CNA-Card only).....	300grams

* maximum voltage is slightly reduced 200-400 MHz

Complete system includes:

- Crystal Network Analyzer (CNA-Card)
- TFP PI Network
- System computer, optional printer
- System cabling
- Documentation

Ordering Information

CNA-Card/SYS.....Part# 00017500

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