



Description	Venable 3235
System Frequency Range	.01Hz to 35MHz
Generator Amplitude	1mVac to 10Vac
DC Bias	$\pm 10\text{Vpk}$
Generator Isolation	Referenced to chassis ground
Generator Modes	Single frequency, sine sweep, sweep with manual step control, amplitude servo
Output Amplitude Compression	Dynamically adjust output to maintain a constant input level
Input Channels	2, Ch. 1: Differential or Single-ended (Ground referenced) , Ch. 2: Single-ended (Ground referenced)
Meas. Technique	Narrowband DFT
Bandwidth Resolution	4 Selectable Bandwidths and DC 100 mHz, 400 mHz, 3 Hz, 20 Hz
Input coupling	AC and DC
Input Range	1mV to 10V pk in 9 ranges
Input Accuracy	$\pm .05\text{dB}$, $\pm .25^\circ$ typical @ 10kHz
Max. Input	$\pm 10\text{Vpk}$
Max Input Withstand Voltage	$\pm 30\text{Vpk}$
Overrange alarms	LED indicator
PC Interface	Implements IEEE-488 standard interface for Windows in PCMCIA, PCI, USB
Auxiliary Power	$\pm 12\text{Vdc}/50\text{mA}$ for accessories
Power Requirements	90 to 264Vac, 48 to 62Hz, 30VA
Display	Venable v4.0 Software Interface
Real time display update	Each point is plotted as acquired
Data Analysis	Gain, phase, angle, real, imaginary, R, L, C, Z
Operating System	Venable v4.0 software for Win: 95/98/NT/2000/ME/XP

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