



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVL-2-B-PN
Type: High-Voltage High-Speed Pulse Generator
S.N.: 11935
Date: March 25, 2008

Output Amplitude: 0 to $\pm 320V$, to 50 Ω
Pulse Width (FWHM): 5 ns – 100 ns
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 5 ns
PRF: 1 Hz - 5 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

At 2 kHz, 10 ns, -320V:

At 2 kHz, 100 ns, +320V:

20 ns/div. 100 V/div (100 mV \times 60 dB):

20 ns/div. 100 V/div (100 mV \times 60 dB):

