



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVNN-1-C
Type: Ultra-High-Speed Pulse Generator
S.N.: 11583
Date: September 26, 2006

Output Amplitude: 0 to 5V, to 50Ω
Pulse Width (FWHM): 1 – 30 ns, 30-70% duty
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 100 ps
PRF: 25 – 250 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

At 50 MHz, ~50% duty cycle:

At 200 MHz, ~50% duty cycle:

5 ns/div. 5 V/div (50 mV × 40 dB):

1 ns/div. 5 V/div (50 mV × 40 dB):

