



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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☒ BOX 5120, LCD MERIVALE
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CANADA K2C 3H4

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PERFORMANCE CHECKSHEET

Model: AVP-AV-1-EW-P-NTA-NTB-EA
Type: Ultra-High-Speed Pulse Generator
S.N.: 12271
Date: June 9, 2009

Output Amplitude: 0 to +10V, to 50Ω
Pulse Width (FWHM): 0.2 to 4 ns
Rise Time (20%-80%): ≤ 100 ps
Fall Time (80%-20%): ≤ 200 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: +15V DC

Basic specifications: →

Test Waveforms

< 0.2 ns pulse width at 1 MHz, > 10V out,

200 ps/div. 5 V/div (50 mV × 40 dB):

4 ns pulse width at 1 MHz, +10V out,

1 ns/div. 5 V/div (50 mV × 40 dB):

