



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
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PERFORMANCE CHECKSHEET

Model: AVP-AV-HV3-C-AC22-AT-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 12978
Date: May 13, 2013

Output Amplitude: up to 40V, to 50Ω
Pulse Width (FWHM): 0.4 ns – 2 ns
Rise Time (20%-80%): ≤ 150 ps
Fall Time (80%-20%): ≤ 600 ps
PRF: to 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

At 1 MHz, < 0.4 ns, +40V,

At 1 MHz, > 2 ns, +40V,

500 ps/div. 20 V/div (200 mV × 40 dB):

500 ps/div. 20 V/div (200 mV × 40 dB):

