



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-B-W4-P
Type: Ultra-High-Speed Pulse Generator
S.N.: 12598
Date: March 7, 2011

Output Amplitude: up to +40V, to 50Ω
Pulse Width (FWHM): 0.4 – 4 ns
Rise Time (20%-80%): ≤ 150 ps
Fall Time (80%-20%): ≤ 600 ps
PRF: 1 Hz - 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

10 kHz, 0.6 ns, +40V,

10 kHz, 4 ns, +40V,

1 ns/div. 10 V/div (100 mV × 40 dB):

1 ns/div. 10 V/div (100 mV × 40 dB):

