



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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PERFORMANCE CHECKSHEET

Model: AVM-3-C-AK1-ED-P-PN-M-EW-EA
Type: Ultra-High-Speed Pulse Generator
S.N.: 11487
Date: May 26, 2006

Output Amplitude: 0 to $\pm 15V$
Pulse Width (FWHM): 2 to 15 ns
Rise Time (20%-80%): < 150 ps
Fall Time (80%-20%): < 600 ps
PRF: 3 kHz - 25 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

At 14 MHz, maximum amplitude, 12 ns pulse width:

10 ns/div. 10 V/div (100 mV \times 40 dB):

2 ns/div. 5 V/div (50 mV \times 40 dB):

200 ps/div. 5 V/div (50 mV × 40 dB):