



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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## PERFORMANCE CHECKSHEET

Model: AVM-2-C-P-PN-AT-OT-SMA-AK1-AK8  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 12361  
Date: October 26, 2009

Output Amplitude: 0 to ±15V  
Pulse Width (FWHM): 0.25 to 2 ns  
Rise Time (20%-80%): < 100 ps  
Fall Time (80%-20%): < 250 ps  
PRF: 3 kHz - 25 MHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

At 12 MHz, > 15V amplitude, < minimum pulse width.

At 12 MHz, > 15V amplitude, > maximum pulse width, -5V offset.

500 ps/div. 5 V/div (50 mV × 40 dB):

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