



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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## PERFORMANCE CHECKSHEET

Model: AVX-M4  
Type: Current-Quadrupling Pulse Transformer  
S.N.: 13517  
Date: October 7, 2016

Impedance match: 50 Ω to 3 Ω  
Maximum input: 350V  
Maximum output: 87V / 28A  
Maximum pulse width: 100 ns  
Rise time (20%-80%): < 2 ns  
Droop: < 5 %

Basic specifications: →

### Test Waveforms

Input to AVX-M4, generated by AVL-2-B,  
20 ns/div. 100 V/div (100 mV/div × 60 dB):

Corresponding output of AVX-M4,  
20 ns/div. 50 V/div (50 mV/div × 60 dB):

