



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

□ P.O. BOX 265  
OGDENSBURG, NY  
U.S.A. 13669-0265

TEL: 888-670-8729 (USA & Canada) or +1-613-226-5772 (Intl)  
FAX: 800-561-1970 (USA & Canada) or +1-613-226-2802 (Intl)

☒ BOX 5120, LCD MERIVALE  
OTTAWA, ONTARIO  
CANADA K2C 3H4

info@avtechpulse.com - http://www.avtechpulse.com/

## PERFORMANCE CHECKSHEET

Model: AVI-MP-N  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 11658  
Date: February 2, 2007

Output Amplitude: > 40V, to 50V  
Pulse Width (FWHM): 2 – 100 ns  
Rise Time (20%-80%): ≤ 350 ps  
Fall Time (80%-20%): ≤ 2 ns  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: +15V DC

Basic specifications: →

### Test Waveforms

Output at 10 kHz with no PW cable attached,  
1 ns/div. 20 V/div (200 mV × 40 dB):

With 6 feet of RG174A/U cable attached,  
5 ns/div. 20 V/div (200 mV × 40 dB):

