



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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

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## PERFORMANCE CHECKSHEET

Model: AVO-2W-B-N  
Type: High Speed Laser Diode Driver  
S.N.: 12721  
Date: October 28, 2011

Output Amplitude: up to -10A, to 6.2Ω  
Pulse Width (FWHM): 4 – 50 ns  
Rise Time (20%-80%): ≤ 2.5 ns  
Fall Time (80%-20%): ≤ 3.5 ns  
PRF: 1 Hz - 20 kHz  
Jitter, Stability: OK  
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

### Test Waveforms

10 kHz, 10 ns, -62V into 6.2 Ohms (-10A),

10 kHz, 50 ns, -62V into 6.2 Ohms (-10A),

10 ns/div. 20 V/div (200 mV × 40 dB):

10 ns/div. 20 V/div (200 mV × 40 dB):

