



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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BOX 5120, LCD MERIVALE
OTTAWA, ONTARIO
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PERFORMANCE CHECKSHEET

Model: AVO-9A5-B-P-P6-AC06-R5
Type: Ultra-High-Speed Laser Diode Driver
S.N.: 13752
Date: June 28, 2018

Output Amplitude: up to +53V, to 50Ω
Pulse Width (FWHM): 1 - 10 ns
Rise Time (20%-80%): ≤ 500 ps
Fall Time (80%-20%): ≤ 1 ns
PRF: 1 Hz – 1 MHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

Mainframe output into 50 Ohm load at 100 kHz,
< 1 ns, +50V,

Mainframe output into 50 Ohm load at 100 kHz,
> 10 ns, +50V,

2 ns/div. 20 V/div (200 mV/div × 40 dB):

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