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

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PERFORMANCE CHECKSHEET

Model: AVO-2W-B-PN
Type: High Speed Laser Diode Driver
S.N.: 11616
Date: November 1, 2006

Output Amplitude: 0 to $\pm 10A$, to 6.2 Ω
Pulse Width (FWHM): 4 – 50 ns
Rise Time (20%-80%): ≤ 2 ns
Fall Time (80%-20%): ≤ 2 ns
PRF: 1 Hz - 20 kHz
Jitter, Stability: OK
Prime Power: 100-240V AC, 50-60 Hz.

Basic specifications: →

Test Waveforms

10 kHz, 50 ns, +60V into a load consisting of 5.1 Ohms in series with a 1N5819 diode. Measured with a 711S current probe (5A/div). The rise and fall times are degraded slightly by the inductance introduced by the 711S probe.

10 kHz, 50 ns, -60V into a load consisting of 5.1 Ohms in series with a 1N5819 diode. Measured with a 711S current probe (5A/div). The rise and fall times are degraded slightly by the inductance introduced by the 711S probe.

10 ns/div. 5 A/div (50 mV \times 40 dB \times 1A/V):

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