



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 +1-613-686-6675 (Intl)
FAX: 800-561-1970 (USA & Canada) or +1-613-686-6679 (Intl)

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

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

INSTRUCTIONS

MODEL AVX-3-T-L2KA

- 1) Model AVX-3-T-L2KA is a combination of a modified Model AVX-3 Inverting Transformer and the Model AVX-TB Bias Insertion Unit and is specifically designed for use with a Model AVM-3-C Pulsar.
- 2) To invert the AVM-3-C output, connect the AVX-3-T-L2KA to the AVM-3-C output. To offset the inverted pulse, apply the desired DC offset to the DC terminal on the AVX-3-T-L2KA module. Do not apply the DC offset to the AVM-3-C OS terminal when the AVX-3-T-L2KA is installed since this will result in a short circuit condition for the DC supply.

Basic Specifications:

Rise time:	≤ 150 ps
Droop:	$\leq -2\%$ for PW = 15 ns.
Impedance:	50 Ohms
Max. Pulse Voltage:	15 Volts
Max. DC Voltage:	± 50 Volts (200 mA)