



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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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 Pulser.
- 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:	≤ -2% for PW = 15 ns.
Impedance:	50 Ohms
Max. Pulse Voltage:	15 Volts
Max. DC Voltage:	± 50 Volts (200 mA)