



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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INSTRUCTIONS

MODEL AVX-M2 TRANSFORMER

The AVX-M2 transformer is designed for use with the Avtech AVL series of pulse generators to provide an impedance match for the 50Ohm output impedance to 450 resistive loads. The 450-Ohm load is soldered to the solder output terminals on the transformer chassis while the AVL output is applied to the 50-Ohm SMA input connector. The basic specifications of the transformer are as follows:

Rise Time:	< 5.0 nsec
Droop:	< 10% for 500 nsec pulse width
Impedance Ratio:	1:9
Connectors:	SMA and solder terminal
Maximum Input Voltage:	250 Volts

may be incorrect