



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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INSTRUCTIONS

MODEL AVX-M1-S

The AVX-M1-S transformer is designed to provide a match from 50 ohms to 200 ohms with a rise time of 100 psec or less with pulse widths as high as 10 nsec. The 200 ohm load should be soldered between the centre conductor and either ground pad of the output microstrip line.

The rise time and voltage ratio of the transformer were confirmed by connecting a 300 ohm 1/4 watt resistive load and a 500 ohm sampling scope probe (Avtech Model ABX-BP-1) to the transformer output (see enclosed waveforms).

CAUTION: Use minimal heat when soldering to the transformer.