



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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## INSTRUCTIONS

Model AVX-M/ (for Serial Nos. above 3000)

The AVX-M/ transformer is designed to provide a match from 50 ohms to 200 ohms with a rise time of 1 nsec or less with pulse widths as high as 100 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 controlled by adjusting the 200 ohm load. The 50 ohm load was used to match the line to the transformer output.

CAUTION: Use minimal heat when soldering to the transformer.

