



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

□ P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265
TEL: (315) 472-5270
FAX: (613) 226-2802

TEL: 1-800-265-6681
FAX: 1-800-561-1970

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

□ P.O. BOX 5120 STN. F
OTTAWA, ONTARIO
CANADA K2C 3H4
TEL: (613) 226-5772
FAX: (613) 226-2802

INSTRUCTIONS

MODEL AVX-M3 (for Serial Nos. above 3000)

The AVX-M3 transformer is designed to provide a match from 50 Ohms to 12.5 Ohms with a rise time of 1 ns or less with pulse widths as high as 100 ns. The 12.5 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 16 Ohm resistive load and a 50 Ohm sampling scope input line to the transformer output.

CAUTION: Use minimal heat when soldering to the transformer.

