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BOX 5120, LCD MERIVALE
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INSTRUCTIONS: MODEL AVX-M4-H

| | |
|----------------------|--|
| Model: | AVX-M4-H |
| Impedance match: | 50Ω to 3Ω |
| Basic function: | current quadrupling |
| Max. voltage in | 750V |
| Max. voltage out | 188V |
| Max. current out | 63A |
| Max. pulse width: | 200 ns |
| Rise time (20%-80%): | 3 ns |
| Droop (max): | < 5% |
| Dimensions: | 43×76×76mm, 1.7×3×3" (H × W × D) |
| Connectors: | In: SMA Out: Microstrip line, with ground plane bordering the output center conductor |

The AVX-M4-H transformer is designed to provide a match from 50 Ohms to 3 Ohms with a rise time of 3 ns or less with pulse widths as high as 200 ns. The input amplitude may be as high as 750 Volts. The 3 Ohm load should be soldered between the centre conductor and either ground pad of the output microstrip line. Use minimal heat when soldering to the transformer.

