



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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Model AV-136A

The Model AV-136A amplifier is designed to amplify nanosecond rise time baseband pulses in the pulse width range of about 300 ps to 500 ns and CW signals in the frequency range of 1.0 MHz to 4.0 GHz. The basic specifications for the unit are as follows:

Gain:	≥ 8.5 dB
Peak output voltage:	±1.0 Volt
Impedance level:	50 Ohms nominal
Input VSWR:	≤ 2.5:1
Output VSWR:	≤ 2.5:1
Max. noise figure:	0.5 dB
Rise time:	≤ 200 ps
Prime power:	+15 VDC 120 mA max
Connectors:	SMA
Size:	1.4 x 1.1 x 2.3 inches