

# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
ENGINEERING - MANUFACTURING

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Model AV-133

## Specifications

The Model AV-133 amplifier is designed to amplify bipolar nanosecond rise time baseband pulses in the pulse width range of about 1 nsec to 50 nsec and CW signals in the frequency range of 5.0 MHz to 1000 MHz. The basic specifications for the unit are as follows:

Gain:	$\geq 10$ db
Peak output voltage:	$\pm 2.5$ volts
Rise time:	$\ll 0.5$ nsec
Impedance level:	50 ohms nominal
Bandwidth:	5.0 to 1000 MHz
Input VSWR:	$\ll 2.0:1$
Output VSWR:	$\ll 2.0:1$
Max. noise figure:	8 db
Prime power:	+15 V, 60 mA

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Edition B