

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:	>10 db
Peak output voltage:	± 1.0 volt
Rise time:	≤ 0.5 nsec
Impedance level:	50 ohms nominal
Bandwidth:	5.0 to 1000 MHz
Input VSWR:	$\leq 2.0:1$
Output VSWR:	$\leq 2.0:1$
Max. noise figure:	8 db
Prime power:	+15 V, 60 mA
Connectors:	SMA
Size:	1.4 x 1.1 x 2.3 inches

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