

### Model AV-133B

The Model AV-133B amplifier is designed to amplify nanosecond rise time baseband pulses in the pulse width range of about 500 ps to 500 ns and CW signals in the frequency range of 1.0 MHz to 1.0 GHz. The basic specifications for the unit are as follows:

Gain:	$\geq 30$ dB
Peak output voltage:	$\pm 0.4$ Volt
Impedance level:	50 Ohms nominal
Input VSWR:	$\leq 2.5:1$
Output VSWR:	$\leq 2.5:1$
Max. noise figure:	2.0 dB
Rise time:	$\leq 400$ ps
Prime power:	+15 VDC 40 mA max
Connectors:	SMA
Size:	1.4 x 1.1 x 2.3 inches