

### Model AV-131A

The Model AV-131A amplifier is designed to amplify nanosecond rise time baseband pulses in the pulse width range of about 1 ns to 500 ns and CW signals in the frequency range of 1.0 MHz to 500 MHz. 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:	1.7 dB
Rise time:	1 ns
Prime power:	+15 VDC 40 mA max
Connectors:	SMA
Size:	1.4 x 1.1 x 2.3 inches