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Model AV-143-A1

Specifications

The Model AV-143-A1 amplifier is designed to amplify bipolar baseband pulses in the pulse width range of about 10 ns and higher and CW signals in the frequency range of DC to 75 MHz. The basic specifications for the unit are as follows:

Gain:	6 to 20 db (one turn control)
Bandwidth:	DC to 75 MHz
Peak output voltage (to 50 ohms or higher):	±5.0 volt
Rise time:	≤ 4 ns
Input impedance:	≥ 50 ohms
Input noise level:	30 uV
Prime power:	+15 V, 200 mA (max)
Connectors:	SMA
Size:	1.7 x 2.6 x 4.3 inches

The gain is varied by means of the front panel one turn GAIN control. Any DC offset on the output may be reduced to zero by minor adjustments of the one turn OS control.

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