

AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
ENGINEERING . MANUFACTURING

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Model AV-143

Specifications

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

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

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