

AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
ENGINEERING . MANUFACTURING

□ P.O. BOX 265
OGDENSBURG
NEW YORK
13669
(315) 472-5270

BOX 5120 STN. "F"
OTTAWA, ONTARIO
CANADA K2C 3H4
V (613) 226-5772
TELEX 053-4591

Model AV-142

Specifications

The Model AV-142 amplifier is designed to amplify bipolar baseband pulses in the pulse width range of about 5 nsec and higher and CW signals in the frequency range of DC to 100 MHz. The basic specifications for the unit are as follows:

Gain:	≥ 10 db
Bandwidth:	DC to 100 MHz
Peak output voltage (to 50 ohms or higher):	± 5.0 volt
Rise time:	≤ 3 nsec
Input impedance:	50 ohms
Input noise level:	32 μ V
Prime power:	+15 V, 200 mA (max)
Connectors:	SMA
Size:	1.7 x 2.6 x 4.3 inches

