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SINCE 1975

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Model AV-143-KIB

Specifications

The Model AV-143-KIB 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:	≥ 20 db
Bandwidth:	DC to 75 MHz Specifically designed for operation at 50 MHz.
Peak output voltage (to 50 ohms or higher):	±5.0 volt
Rise time:	≤ 4 ns
Input impedance:	85 ohms
Input noise level:	30 uV
Prime power:	+15 V, 300 mA (max)
Connectors:	BNC
Size:	1.7 x 2.6 x 4.3 inches

- 1) The front panel OS pot serves to adjust the output DC offset level. At time of shipping, the pot was adjusted for 0 volts offset.
- 2) The supply current for this unit can be as high as 300 mA, so the unit should be bolted to a heat sink capable of dissipating about 10 Watts.

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