



AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS
SINCE 1975

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Model AV-135B

The Model AV-135B amplifier is designed to amplify nanosecond rise time baseband pulses in the pulse width range of about 500 ps to 500 ns and CW signals in the frequency range of 1.0 MHz to 2.5 GHz. The basic specifications for the unit are as follows:

Gain:	≥ 34 dB
Peak output voltage:	±1.0 Volt
Impedance level:	50 Ohms nominal
Input VSWR:	≤ 2.5:1
Output VSWR:	≤ 2.5:1
Max. noise figure:	2.8 dB
Rise time:	≤ 300 ps
Prime power:	+15 VDC 130 mA max
Connectors:	SMA
Size:	1.4 x 1.1 x 2.3 inches

May 11/95

Disk: AV-

Name: 135B.INS

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