



AVTECH ELECTROSYSTEMS LTD.

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SINCE 1975

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MODEL AV-141F-RAYA

Specifications

The Model AV-141F-RAYA amplifier is designed to amplify bipolar baseband pulses in the pulse width range of about 100 ns and higher and CW signals in the frequency range of DC to 2 MHz. The basic specifications for the unit are as follows:

Gain:	40 dB (non-inverting)
Bandwidth:	DC to 2 MHz
Peak output voltage (to 50 Ohms):	±5.0 Volts
Rise time:	≤ 100 ns (typically 25 ns)
Input impedance:	50 Ohms
Output impedance:	50 Ohms
Prime power:	+15 V, 400 mA (max)
Connectors:	SMA
Size:	1.7 x 2.6 x 4.3 inches

The side panel OS pot serves to adjust the output DC offset level. At time of shipping, the pot was adjusted for 0 Volts offset.