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Model AV-143-OFCB

Specifications

The Model AV-143-OFCB amplifier is designed to amplify positive baseband pulses in the pulse width range of about 2 us. The basic specifications for the unit are as follows:

Function:	+32 Volts (to 50 Ohms) Non-linear amplifier
Output:	+32 Volts to 50 Ohms
Input:	+3 to +5.0 Volts (output constant at +32V for this range of input amplitudes)
Pulse width:	2 us
Rise, fall time:	< 0.2 us
Input impedance:	> 1 K
Output impedance:	≈ 1 Ohm
Repetition rate:	0 to 13 kHz
Connectors:	BNC
Prime power:	+24 Volts, 350 mA max
Chassis size:	1.7" x 2.6" x 4.3"

At 13 kHz, the usable PW range is 200 ns to 12 us while at lower PRF the PW range is increased to 30 us.

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