

PRODUCT SPECIFICATION SHEET

MODEL NO.: PC-2900-300P
ITEM: RF AMPLIFIER
DATE: 09/12/00

SPECIFICATIONS - RF DRIVER MODEL NO. PC-2900-300P:

Frequency	2856.000 MHz
.2 dB Bandwidth:	+/-1 MHz min
RF Power Input:	.040 watt cw max
RF Power Output	500 watts peak min
RF Gain	58 dB min.
RF Pulse Width (variable)	1 to 10 microseconds, as determined by gate pulse
Gate Pulse Width:	2 μ s to 10 μ s
Gate Pulse Voltage:	+5 volts @ 50 ohms
Gate pulse width is determined by customer and should not exceed 10 μ s	
RF Pulse Ripple:	<.25%
RF pulse power stability:	<.25%
RF phase during pulse:	<.5 degrees, measured after .5 μ s from leading edge and .5 μ s before trailing edge.
PRF	200 to 1500, as determined by gate pulse
Duty cycle	.002
Gate pulse	+5 V. Customer adjustment between 1 to 4 microseconds and PRF
RF power adjust allows customer adjustment to lower or raise output power by adjusting input power	
Forward sample	-30 dB (SMA)
RF output	type n female
Input ac voltage/current	120 volts @ 3 amps, Single phase, 50/60 Hz
Protection	Ferrite isolator at RF output and Ferrite isolator at RF input
Size:	19.00" x 15.25" deep x 7.00" high
Weight:	55 lbs.