

PC-3000STA RF Amplifier
January 14 2011

Specifications:

Center Frequency:	2856 +/-6 MHz
Front Panel Frequency Tuning:	+/- 1 MHz
Remote Tuning Range	+/- 1 MHz
Remote Tuning Sensitivity	20-100 KHz per volt
RF Output Power:	400 Watts max
Pulse Flat Top Duration:	1-25 microseconds adjustable
Pulse turn on Time:	2.0 Microseconds
Pulse Duration 50% Points:	13.5 microseconds (@ 12 microseconds flat top)
Turn On Variations:	+/- 0.1 microseconds
Input Signal	2 watts cw max (Supplied by customer)

Trigger Pulse:

Amplitude:	5.0 volts peak
Rise Time:	1.0 microsecond maximum
Pulse Width:	2.0 microseconds
Repetition Rate:	300 Hz nom; 500 Hz max
Excess PRF cut-off	Note: RF Power will stop if PRF of >500 Hz is attempted
Duty Cycle	.0125 max (1.25%), .0055 typical

Output Stability

Frequency	5 KHz
Temperature coefficient to freq	10.0 KHz/degree C
Mechanical Frequency	+/- 1 MHz maximum

Input Power

Voltage	220 VAC
Frequency	60 Hz

Dimensions

Width	19"
Height	7"
Depth	15.3"