

PRODUCT SPECIFICATION SHEET

MODEL NO.: PC10005
ITEM: RF Pulse Amplifier, L-Band
REV DATE: July 30 1992

Specifications:

Frequency (Fixed Tuned)	1300 MHz
3 dB Bandwidth	6 MHz minimum
RF Power output @ 1 W cw input	5500 watts peak
RF Power adjustment (knob)	max to -10 dB
RF Pulse Rise/Fall Time	200 NS nominal
RF Phase Stability	± 2 degrees
RF Pulse Width	10 microseconds max
RF Protection (at output)	ferrite isolator
RF Protection (at input)	ferrite isolator
Duty Cycle	.006
RF Power Input	1 watts cw max
Pulse Voltage	+5 Volts TTL @ 50 ohms
RF Input connector	Type SMA female
RF Output connector	Type N Female
AC Input	120 Volts, 60 cps , 4A
Package size	19"W x 17.5 x 18 deep,
Package type	rack mountable covered chassis

Note: it is the user's responsibility to ensure the +5 volt input pulse is within specification. To allow any input in excess of the maximum pulse or duty cycle may damage unit.

Unit is complete with all power supplies, cooling, test circuits, and closed chassis for full power operation.