

## PRODUCT SPECIFICATION SHEET

MODEL NO.: PC10008  
ITEM: RF DRIVER  
REV DATE: DECEMBER 9, 1991

### Specifications:

FREQUENCY	1300 MHZ
3 Db Bandwidth	13 MHz minimum
RF Input Power	200 mw
RF Power Output	600 watts peak, 800 watts nom.
RF Pulse Width	325 microseconds maximum 300 microseconds nominal
Pulse Repetition Rate	40 pulsed/second maximum 30-pulses/second nominal
Duty	.01 nominal
RF power Adjust	Max to -20 dB by 8-bit word input, .1 dB per bit
RF Rise Time	.5 microseconds maximum
RF Fall Time	.5 microseconds maximum
RF Pulse Droop	.002 dB/microsecond
RF Pulse (AM) Modulation, during pulse	.05 dB maximum
RF Pulse Modulation, Pulse to pulse	.15 dB
RF phase Stability During pulse	$\pm$ .5 degrees
RF Phase Stability Pulse to Pulse	$\pm$ 1.0 degrees

<b><u>Gate Pulse</u></b>	
<b>Input Voltage</b>	<b>+5 volts into 50 ohms</b>
<b>Input Rise time</b>	<b>less than .05 microseconds</b>
<b>Input Fall Time</b>	<b>less than .05 microseconds</b>
<b>Connector</b>	<b>Type BNC located at the rear chassis</b>
<b>-30 dB Output RF Sample Port</b>	<b>Type BNC located at rear of chassis</b>
<b>-20 dB reflection RF Sample port</b>	<b>Type BNC located at rear of chassis</b>
<b>AC input</b>	<b>120 VAC, +15V, 8 amps, 60 cps, single phase</b>
<b>Package</b>	<b>19" rack mount x 14' H x 18" D, excluding connectors</b>
<b>RF Input &amp; Output Connectors</b>	<b>Type N, located at the rear of chassis</b>

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