

## CS5797 Broadband intermediate Power Amplifier Key Parameters

Electrical Parameters	Units	Min.	Typ.	Max.
@ 28 V, 25°C Baseplate				
Frequency	MHz	2000		6000
Gain	dB	47		
Gain Variation	±dB		3	
Gain Variation, Over Operating Temp.	±dB		2	
Input Return Loss (50 Ohms)	dB	7		
Output Power, Saturated	Watts	12	20	
Output Power, 1 dB Compressed	Watts		8	
Efficiency, Saturated Power	%		25	
Blanking	µS		1	
Voltage	Volts		28	
Current at Saturated Output Power	A		3	
<b>Physical Parameters</b>				
Size	In.	2.62 x 5.96 x 0.79		
RF Connectors		SMA (F)		
DC Connectors		Filter Feedthru		