

Product Features

- Wideband Power Amplifier
- Power Gain 45dB typical
- Small Signal Gain 25dB typical
- 50 Ohm Input and Output Matched
- SMA female connector I/O
- Supply Voltage 4A@+28Vdc



SPECIFICATIONS

Parameters	Test Conditions	Min	Typ	Max	Units
Frequency Range	-	6	-	18	GHz
Saturated Output Power	Pin=0dBm, CW	-	45	-	dBm
Power Gain	Pin=0dBm, CW	-	45	-	dB
Nominal Small Signal Gain	Pin=-30dBm, CW	-	25	-	dB
Input VSWR	Pin=0dBm, CW	-	-	2	:1
Spurious	Pin=0dBm, CW	-	-	-60	dBc
Power Consumption	Pin=0dBm, CW	-	-	110	W

Absolute Maximum Ratings	
Parameters	Max
RF Input Power (CW, 50Ω, 25°C)	+35dBm
VSWR	5:1
DC Voltage	+32V
Power Dissipation	120W
Storage Temperature	-55°C ~ +85°C

Recommended Operating Conditions				
Parameters	Min	Typ	Max	Units
RF Input Power	28	30	-	dBm
DC Voltage	-	+28	-	Vdc
Operating Temperature	-40	-	+65	°C
Supply Current	-	4	-	A

Dimensions[mm]

