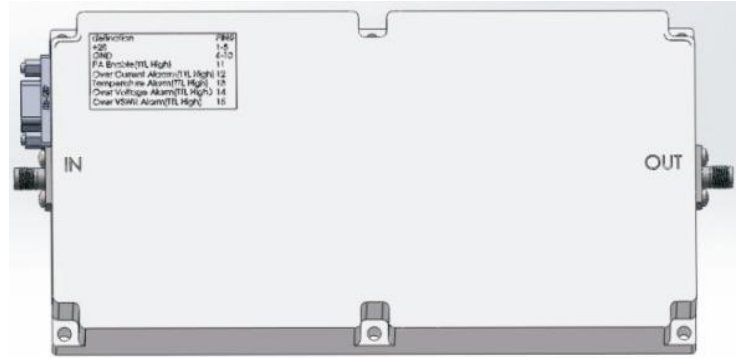


Product Features

- Wideband Power Amplifier
- Power Gain 44dB typical
- Small Signal Gain 55dB min.
- 50 Ohm Input and Output Matched
- SMA female connector I/O
- Supply Voltage +28Vdc



SPECIFICATIONS

Parameters	Test Conditions	Min	Typ	Max	Units
Frequency Range	-	6	-	18	GHz
Saturated Output Power	Pin=0dBm, CW	44	-	-	dBm
Power Gain	Pin=0dBm, CW	-	44	-	dB
Nominal SS Gain@25°C	Pin=-30dBm, CW	55	58	60	dB
Input VSWR	Pin=0dBm, CW	-	-	2	:1
2nd Harmonics	Pin=0dBm, CW	9.5	-	-	dBc
3rd Harmonics	Pin=0dBm, CW	17.4	-	-	dBc
Spurious	Pin=0dBm, CW	-	-	-60	dBc
Power Consumption	Pin=0dBm, CW	-	-	310	W

Absolute Maximum Ratings	
Parameters	Max
RF Input Power	+5dBm
VSWR	5:1
DC Voltage	+32V
Power Dissipation	280W
Storage Temperature	-55°C ~ +85°C

Recommended Operating Conditions				
Parameters	Min	Typ	Max	Units
RF Input Power	-	0	-	dBm
DC Voltage	-	+28	-	Vdc
Operating Temperature	-40	-	+65	°C
Supply Current	-	8.5	-	A

Dimensions[mm]

