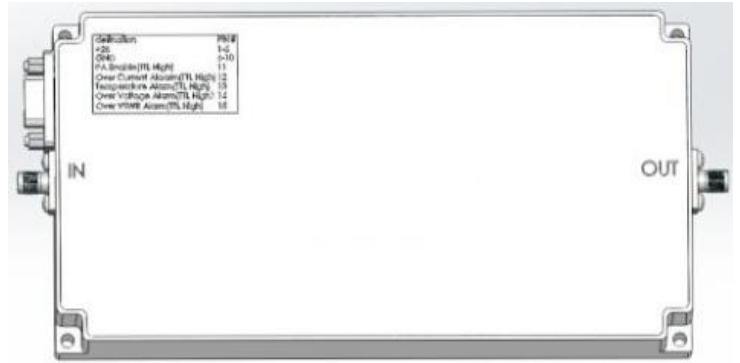


Product Features

- Wideband Power Amplifier
- Power Gain 42dB min.
- Small Signal Gain 57.7dB min.
- 50 Ohm Input and Output Matched
- SMA female connector I/O
- Supply Voltage 3A@+28Vdc



SPECIFICATIONS

Parameters	Test Conditions	Min	Typ	Max	Units
Frequency Range	-	2	-	18	GHz
Saturated Output Power(Psat)	Pin=0dBm, CW	41.3	42.6	44.3	dBm
Power Gain	Pin=0dBm, CW	-	42.6	-	dB
Nominal Small Signal Gain	Pin=-30dBm, CW	57.7	65.7	70.1	dB
Input VSWR	Pin=0dBm, CW	-	-	2	:1
2nd Harmonics	Pin=0dBm, CW	-8.4	-	-	dBc
3rd Harmonics	Pin=0dBm, CW	13	-	-	dBc
Spurious	Pin=0dBm, CW	-	-	-60	dBc
Power Consumption	Pin=0dBm, CW	-	-	140	W

Absolute Maximum Ratings	
Parameters	Max
RF Input Power	+5dBm
VSWR	5:1
DC Voltage	+32V
Power Dissipation	220W
Storage Temperature	-55°C~+85°C

Recommended Operating Conditions				
Parameters	Min	Typ	Max	Units
RF Input Power	-	-5	+5	dBm
DC Voltage	-	+28	-	Vdc
Operating Temperature	-40	-	+65	°C
Supply Current	-	6	-	A

Dimensions[mm]

