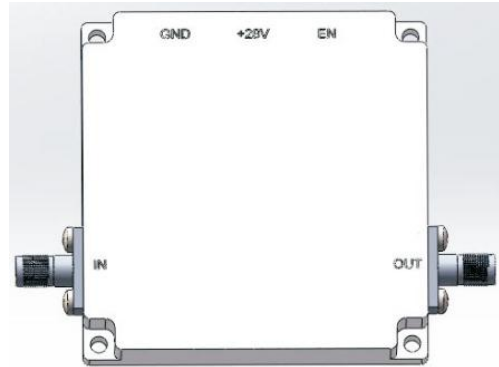


Product Features

- Wideband Power Amplifier
- Power Gain 30dB min.
- Small Signal Gain 40dB 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	-	2	-	18	GHz
Saturated Output Power	Pin=0dBm, CW	30.1	-	-	dBm
Power Gain	Pin=0dBm, CW	-	31	-	dB
Nominal SS Gain@25°C	Pin=-30dBm, CW	40	43	46	dB
Input VSWR	Pin=0dBm, CW	-	-	2	:1
2nd Harmonics	Pin=0dBm, CW	8.1	-	-	dBc
3rd Harmonics	Pin=0dBm, CW	18.5	-	-	dBc
Spurious	Pin=0dBm, CW	-	-	-60	dBc
Power Consumption	Pin=0dBm, CW	-	-	31	W

Absolute Maximum Ratings	
Parameters	Max
RF Input Power (CW, 50ohm, 25°C)	+5dBm
VSWR	5:1
DC Voltage	+32V
Power Dissipation	29W
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	-	0.6	-	A

Dimensions[mm]

