

2.0 – 6.0 GHz 33dBm Amplifiers

FEATURES

- P₁ dB: 33dBm(min.)
- Noise Figure: 4.5dB
- Bias Condition: 1.9 A @ 12 V
- Small Signal Gain: 40dB(min.)

ELECTRICAL SPECIFICATIONS (Specified at 25 °C)

Symbol	Description	Min.	Typ.	Max.	Unit
FREQ	Frequency Range	2		6	GHz
SSG	Small Signal Gain	40	44		dB
GOF	Small Signal Gain Flatness		± 0.8		dB
P₁ dB	Output Power at 1 dB Gain Compression	33			dBm
IP3	The 3rd intercept Point		43		
NF	Noise Figure		4.5		dB
VSWR, IN	Input VSWR			2.0:1	-
VSWR, OUT	Output VSWR			2.0:1	-
Vdc	DC Supply Voltage(internal regulator included)	11	12	15	Volt
Idc	Current Supply		1.9		A
OTR	Operating Temperature Range	-30		70	°C

CASE: HA1, as shown attached, unit is in inch.

