

2 - 6 GHz 33 dBm Amplifier

FEATURES

- P₁dB: 34 dBm
- Noise Figure: 6 dB
- Small Signal Gain: 36 dB
- Bias Condition: 2400 mA @ 15 V

ELECTRICAL SPECIFICATIONS at 25 ° C

Symbol	Description	Min.	Typ.	Max.	Unit
FREQ	Frequency Range	2		6	GHz
SSG	Small Signal Gain	34	36		dB
GOF	Small Signal Gain Flatness		± 1.5	± 2.0	dB
P₁ dB	Output Power at 1 dB Gain Compression	33	34		dBm
NF	Noise Figure		6	7	dB
VSWR, IN	Input VSWR		1.8:1	2:1	-
VSWR, OUT	Output VSWR		1.8:1	2:1	-
VDC	DC Supply Voltage (with built-in regulator)	12		15	Volt
IDC	Current Supply		2200	2400	mA
OTR	Operating Temperature Range	-30		70	°C

CASE: HA2