

8 – 12GHz 30 dBm Amplifier

FEATURES

- P₁ dB: 30 dBm (min.)
- Bias Condition: 1.2 A @ 12 V
- Small Signal Gain: 41 dB

ELECTRICAL SPECIFICATIONS at 25 °C

Symbol	Description	Min.	Typ.	Max.	Unit
FREQ	Frequency Range	8		12	GHz
SSG	Small Signal Gain	41			dB
GOF	Small Signal Gain Flatness		+/-1.0	+/-1.5	dB
NF	Noise Figure		3.5	4.0	dB
P₁ dB	1 dB Compression Output Power	30			dBm
VSWR, IN	Input VSWR			2:1	-
VSWR, OUT	Output VSWR			2:1	-
VDC	DC Supply Voltage		12		Volt
IDC	Current Supply		1.2	1.3	A
OTR	Operating Temperature Range	-30		70	°C

CASE: HA1

Connectors: SMA (F)