

## 0.5 - 2.5 GHz 24 dBm Amplifier

### FEATURES

- $P_{-1\text{ dB}}$ : 24 dBm
- NF: 4.0 dB
- Bias Condition: 240 mA @ 12 V
- Small Signal Gain: 24 dB

### ELECTRICAL SPECIFICATIONS at 25 °C

Symbol	Description	Min.	Typ.	Max.	Unit
FREQ	Frequency Range	0.5		2.5	GHz
SSG	Small Signal Gain	23	24		dB
GOF	Small Signal Gain Flatness		±0.5	±0.75	dB
$P_{-1\text{ dB}}$	Output Power at 1 dB Gain Compression	24			dBm
NF	Noise Figure		3.5	4.0	dB
VSWR, IN	Input VSWR			2:1	-
VSWR, OUT	Output VSWR			2:1	-
VDC	DC Supply Voltage		12		Volt
IDC	Current Supply		240	250	mA
OTR	Operating Temperature Range	-30		70	°C

CASE: HZ9