

0.5 - 2.5 GHz 20 dBm Amplifier

FEATURES

- P₁ dB: 20 dBm
- NF: 3.5 dB
- Bias Condition: 160 mA @ 12 V
- Small Signal Gain: 26 dB

ELECTRICAL SPECIFICATIONS at 25 °C

Symbol	Description	Min.	Typ.	Max.	Unit
FREQ	Frequency Range	0.5		2.5	GHz
SSG	Small Signal Gain	25	26		dB
GOF	Small Signal Gain Flatness		±0.5	±0.75	dB
P ₁ dB	Output Power at 1 dB Gain Compression	20			dBm
NF	Noise Figure			3.5	dB
VSWR, IN	Input VSWR			2:1	-
VSWR, OUT	Output VSWR			2:1	-
VDC	DC Supply Voltage		12		Volt
IDC	Current Supply		160	170	mA
OTR	Operating Temperature Range	-30		70	°C

CASE: HZ9