

10 – 12GHz 10 dBm Amplifier
FEATURES

- P₁ dB: 10 - 15 dBm
- Gain: 15dB (min.)
- Noise Figure: 2.5 dB (typ.)
- Bias Condition: 100 mA @ 15 V

ELECTRICAL SPECIFICATIONS at 25 °C

Symbol	Description	Min.	Typ.	Max.	Unit
FREQ	Frequency Range	10		12	GHz
SSG	Small Signal Gain	15			dB
GOF	Small Signal Gain Flatness			± 0.5	dB
P₁ dB	Output Power at 1 dB Gain Compression	10		15	dBm
NF	Noise Figure		2.5		dB
VSWR, IN	Input VSWR			1.8:1	-
VSWR, OUT	Output VSWR			1.8:1	-
VDC	DC Supply Voltage		15		Volt
IDC	Current Supply		100		mA
OTR	Operating Temperature Range	-40		85	°C

CASE: HG2