

2 – 10 GHz 15 dBm Amplifier

FEATURES

- P₁dB: 15 dBm (min.)
- NF : 4.0 dB (max.)
- Gain: 30 dB (min.)
- Bias Condition: 200 mA (max.) @ 12V

ELECTRICAL SPECIFICATIONS at 25 ° C

Symbol	Description	Min.	Typ.	Max.	Unit
FREQ	Frequency Range	2		10	GHz
SSG	Small Signal Gain	30			dB
NF	Noise Figure			4.0	dB
VSWR, IN	Input VSWR			2:1	-----
VSWR, OUT	Output VSWR			2:1	-----
VDC	DC Supply Voltage (with built-in regulator)		12		Volt
IDC	Current Supply		160	200	mA
OTR	Operating Temperature Range	-54		70	° C

CASE: HG5