

## 2 – 10 GHz 15 dBm Amplifier

### FEATURES

- P<sub>1</sub>dB: 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
<b>FREQ</b>	Frequency Range	2		10	GHz
<b>SSG</b>	Small Signal Gain	30			dB
<b>NF</b>	Noise Figure			4.0	dB
<b>VSWR, IN</b>	Input VSWR			2:1	-----
<b>VSWR, OUT</b>	Output VSWR			2:1	-----
<b>VDC</b>	DC Supply Voltage ( <b>with built-in regulator</b> )		12		Volt
<b>IDC</b>	Current Supply		160	200	mA
<b>OTR</b>	Operating Temperature Range	-54		70	° C

**CASE: HG5**