

## 2 - 18GHz 16dBm Amplifier

### FEATURES

- P<sub>1dB</sub> : 16 dBm
- NF : 4.5 dB
- Bias Condition: 250mA @ 12V

### ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	2		18	GHz
SSG	Small Signal Gain	28		32	dB
GOF	Small Signal Gain Flatness			+/- 1.5	dB
NF	Noise Figure			4.5	dB
P <sub>1dB</sub>	Output Power at 1 dB Gain Compression	16			dBm
VSWR, IN	Input VSWR			2 : 1	-----
VSWR, OUT	Output VSWR			2 : 1	-----
VDC	DC Supply Voltage		12		Volt
IDC	Current Supply		250		mA
OTR	Operating Temperature Range	-20		70	°C

**CASE : HD4**