

2 ~ 6GHz 33dBm Power Amplifier

FEATURES

- P_{1dB} : 33dBm, min.
- Small Signal Gain: 30dB, min.
- Bias Condition: 1800mA @ 12 V

ELECTRICAL SPECIFICATIONS (Specified at 25C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	2		6	GHz
SSG	Small Signal Gain	30	33		dB
GOF	Small Signal Gain Flatness		± 0.6		dB
NF	Noise Figure		4.5		dB
P_{1dB}	Output Power at 1 dB Gain Compression	33			dBm
IP3	The Third Intercept Point		43		dBm
VSWR, IN	Input VSWR			2 : 1	-----
VSWR, OUT	Output VSWR			2 : 1	-----
Vdc	DC Supply Voltage(with built-in regulator)	11	12	13	Volt
Idc	Current Supply		1800		mA
OTR	Operating Temperature Range	-30		70	°C

Housing: HA24, with SMA female removable connectors, unit is inch

