

0.01 ~ 0.5 MHz 25dB Gain 16dBm Power Amplifier
FEATURES

- P_{1dB} : 16dBm, min.
- Small Signal Gain: 25dB, min.
- Bias Condition: 100mA @ 12 V

ELECTRICAL SPECIFICATIONS (Specified at 25C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	0.01		0.5	GHz
SSG	Small Signal Gain	25	27		dB
GOF	Small Signal Gain Flatness		± 0.5		dB
NF	Noise Figure		3.8		dB
P_{1dB}	Output Power at 1 dB Gain Compression	16	18		dBm
VSWR, IN	Input VSWR		1.8:1	2 : 1	-----
VSWR, OUT	Output VSWR		1.8:1	2 : 1	-----
Vdc	DC Supply Voltage(with built-in regulator)	11	12	15	Volt
Idc	Current Supply		100		mA
OTR	Operating Temperature Range	-30		70	°C

Housing: HZ8, with SMA female removable connectors, unit is inch

