



TM020-080-08-27

REV.1_04/12/2004

2 ~ 8 GHz 27 dBm Module

FEATURES

- P₋₁ dB: 27 dBm
- Bias Condition: 300 mA @ 8 V
- Small Signal Gain: 8 dB

ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	2		8	GHz
SSG	Small Signal Gain	8	9		dB
GOF	Small Signal Gain Flatness			±0.5	dB
P ₋₁ dB	Output Power at 1 dB Gain Compression @ 8V	26	27		dBm
	Output Power at 1 dB Gain Compression @ 9V	27	28		dBm
VSWR, IN	Input VSWR		1.8:1	2:1	-----
VSWR, OUT	Output VSWR		1.8:1	2:1	-----
Vdc	DC Supply Voltage		8	9	Volt
Idc	Current Supply		0.28	0.32	A
OTR	Operating Temperature Range	-40		90	°C

CARRIER: S31 / Z31 / S32 / Z32

