



TM005-020-14-14

PRE.1_04/12/2004

0.5 – 2 GHz 14 dBm Module

FEATURES

- P₁ dB: 14 dBm
- Bias Condition: 40 mA @ 8 V
- Small Signal Gain: 14 dB

ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	0.5		2.0	GHz
SSG	Small Signal Gain	13	14		dB
GOF	SSG Flatness		± 0.2	± 0.4	dB
P ₁ dB	Output Power at 1 dB Gain Compression	14	15		dBm
VSWR, IN	Input VSWR		1.8:1	2:1	-
VSWR, OUT	Output VSWR		1.8:1	2:1	-
VDC	Supply Voltage		8		Volt
NF	Noise Figure		2.0	2.3	dB
IDC	Current Supply		40	45	mA
OTR	Operating Temperature Range	-40		90	°C

CARRIER: MA