



TM020-040-18-24

PRE.1_04/12/2004

2 – 4 GHz 24 dBm Module

FEATURES

- P₋₁ dB: 24 dBm
- Bias Condition: 180 mA @ 8 V
- Small Signal Gain: 18 dB

ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	2		4	GHz
SSG	Small Signal Gain	17	18		dB
GOF	SSG Flatness		± 0.2	± 0.5	dB
P ₋₁ dB	Output Power at 1 dB Gain Compression	23	24		dBm
VSWR, IN	Input VSWR		1.7:1	2:1	-
VSWR, OUT	Output VSWR		1.7:1	2:1	-
VDC	Supply Voltage		8		Volt
IDC	Current Supply		180	200	mA
OTR	Operating Temperature Range	-40		90	°C

CARRIER: S31 / Z31 / S32 / Z32

