

700 – 1300 MHz 18 dBm Module
FEATURES

- P₋₁ dB: 18 dBm (min.)
- Gain: 20 dB
- Noise Figure: 3.5 dB (max.)
- Bias Condition: 150 mA @ 15 V

ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	700		1300	MHz
SSG	Small Signal Gain (room temperature)	19.7		20.3	dB
	Gain over temp. (-54°C - 95°C)	19.3		20.7	dB
P₋₁ dB	Output Power at 1 dB Gain Compression	18			dBm
Pin	Input Power			20	dBm
IP3	IP3	28.5	30		dBm
NF	Noise Figure (room temperature)			3.5	dB
	Noise Figure over temp. (-54°C - 95°C)			4	dB
VSWR, IN	Input VSWR		1.5:1	1.6:1	-
VSWR, OUT	Output VSWR		1.5:1	1.6:1	-
VDC	DC Supply Positive Voltage		15		Volt
IDC	Current Supply			150	mA
OTR	Operating Temperature Range	-54		95	°C
STR	Storage Temperature Range	-55		125	°C
RI	Reverse Isolation	30			dB
RT	Recovery Time			70	nSec
	Rise / Fall Time			40	nSec

Carrier : Contact factory for more information.