

1-18 GHz 13 dBm Gain Module

FEATURES

- P₋₁ dB: 13 dBm
- Small Signal Gain: 11.5 dB
- Noise Figure: 4.5 dB
- Bias Condition: 60 mA @ 8 V



ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	1		18	GHz
SSG	Small Signal Gain	11	11.5		dB
GOF	SSG Flatness		± 0.4	± 0.5	dB
GOT	Gain Over Temperature (-40°C ~ +80°C)		± 0.4	± 0.5	dB
P₋₁ dB	Output Power at 1 dB Gain Compression	12	13		dBm
NF	Noise Figure		4.5	5	dB
VSWR, IN	Input VSWR		1.8:1	2:1	-
VSWR, OUT	Output VSWR		1.8:1	2:1	-
VDC	Supply Voltage		8		Volt
IDC	Current Supply		60	65	mA

CARRIER: H21 / L21 / H22 / L22