

2 – 18 GHz 10.5 dB 19 dBm MIC Gain Module
FEATURES

- P₁ dB: 19 dBm (min.)
- Small Signal Gain: 10.5 dB (min.)
- Noise Figure: 6 dB

ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	2		18	GHz
NF	Noise Figure (over freq. And temp.)		6	6.5	dB
P₁ dB	Output Power at 1 dB Compression (over freq. and temp.)	19			dBm
Gain	Small Signal Gain (over freq. and temp.)	10.5		13.5	dB
GOF	Gain Flatness (over freq. and temp.)		+/-0.5	+/-0.75	dB
GOT	Gain Over Temperature			+/-0.75	dB
VSWR, IN	Input VSWR (over freq. and temp.)			2:1	-
VSWR, OUT	Output VSWR (over freq. and temp.)			2:1	-
VDC	DC Supply Voltage		10		Volt
IDC	DC Current Supply			125	mA
OTR	Operating Temperature Range	-40		85	°C

Carrier : L22