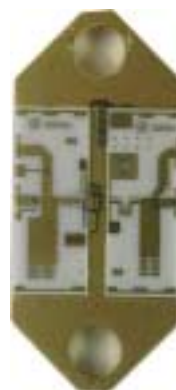


0.8 – 5.5 GHz 26 dBm Gain Module

FEATURES

- P₋₁ dB: 26 dBm
- Small Signal Gain: 7 dB
- IP2: 48 dBm
- IP3: 33 dBm
- Bias Condition: 300 mA @ 10 V



ELECTRICAL SPECIFICATIONS (Ta = 25 °C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	0.8		5.5	GHz
SSG	Small Signal Gain	6	7		dB
GOF	SSG Flatness		± 0.5	± 0.6	dB
P₋₁ dB	Output Power at 1 dB Gain Compression	25	26		dBm
P₋₃ dB	Output Power at 3 dB Gain Compression	27	28		dBm
IP3	Third Order Intercept Point	32	33		dBm
IP2	Second Order Intercept Point	47	48		dBm
VSWR, IN	Input VSWR		2:1	2.3:1	-
VSWR, OUT	Output VSWR		2:1	2.3:1	-
VDC	Supply Voltage		10		Volt
IDC	Current Supply		300	330	mA

CARRIER: MA