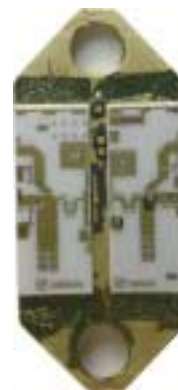


0.8 – 5.5 GHz 17 dBm Gain Module

FEATURES

- P₋₁ dB: 17 dBm
- Small Signal Gain: 11 dB
- IP2: 40 dBm
- IP3: 28 dBm
- Bias Condition: 80 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	10	11		dB
GOF	SSG Flatness		± 0.3	± 0.5	dB
P₋₁ dB	Output Power at 1 dB Gain Compression	16	17		dBm
P₋₃ dB	Output Power at 3 dB Gain Compression	18	19		dBm
IP3	Third Order Intercept Point	27	28		dBm
IP2	Second Order Intercept Point	39	40		dBm
VSWR, IN	Input VSWR		1.8:1	2:1	-
VSWR, OUT	Output VSWR		1.8:1	2:1	-
VDC	Supply Voltage		10		Volt
IDC	Current Supply		80	110	mA

CARRIER: MA