



TM060-180-09-26

PRE.0_11/16/2004

6-18 GHz 26 dBm Gain Module

FEATURES

- P_{-1} dB: 26 dBm
- Small Signal Gain: 9.0 dB
- Bias Condition: 200 mA @ 8 V

ELECTRICAL SPECIFICATIONS ($T_a = 25^\circ\text{C}$)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	6		18	GHz
SSG	Small Signal Gain	8.0	9.0		dB
GOF	SSG Flatness		± 0.4	± 0.5	dB
P_{-1} dB	Output Power at 1 dB Gain Compression	25.5	26		dBm
P_{-3} dB	Output Power at 3 dB Gain Compression	27	28		dBm
VSWR, IN	Input VSWR		1.7:1	1.8:1	-
VSWR, OUT	Output VSWR		1.7:1	1.8:1	-
VDC	Supply Voltage		8		Volt
IDC	Current Supply		200	240	mA

CARRIER: S41 / Z41 / S42 / Z42

