



**IMPORTANT – MUST USE HEAT SINK IF CASE TEMPERATURE EXCEEDS 50°C**

<b>Specifications at 23°C</b>			
<b>Frequency:</b>	<b>1- 18 GHz</b>	<b>Output Power @ 1dB Comp. Pt:</b>	<b>+ 19 dBm</b>
<b>Gain:</b>	<b>24 dB min.</b>	<b>Volatge/Current: DC Power</b>	<b>+15 VDC @350 mA, nom.</b>
<b>Gain Flatness:</b>	<b>± 2.0 dB max</b>	<b>Measured Current:</b>	<b>334 mA</b>
<b>VSWR Input:</b>	<b>2.0:1</b>	<b>Max. Noise Figure:</b>	<b>3.9 dB</b>
<b>VSWR Output:</b>	<b>2.0:1 50 Ohms Impedance</b>	<b>Outline:</b>	<b>D4</b>

**Note: Test data taken with case temperature of 23°C**

<u>Frequency (GHz)</u>	<u>Gain (dB)</u>	<u>VSWR</u>		<u>Noise Figure (dB)</u>	<u>Output Power @ 1dB Comp. (dBm)</u>
		<u>In</u>	<u>Out</u>		
1	24.2	1.55	1.30	3.84	20
2	25.1	1.55	1.23	3.37	20
4	25.3	1.64	1.28	3.27	20.5
6	24.8	1.78	1.29	3.18	21
8	24.8	1.55	1.34	3.03	22
10	25.7	1.57	1.35	2.95	22
12	26.0	1.45	1.72	2.75	22
14	27.4	1.07	1.70	2.66	22
16	28.0	1.06	1.49	2.55	21
18	28.0	1.18	1.35	2.47	21

**Data taken at 23°C unless noted otherwise stated.**

**COMMENTS:**

**TESTER:** \_\_\_\_\_

**DATE: 8/27/2004**