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<b>Serial Number: 100850</b>
<b>Model No.: APT3-00400350-1010-D4</b>

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

<b>Specifications at 23°C</b>			
<b>Frequency:</b>	<b>0.4- 3.5 GHz</b>	<b>Output Power @ 1dB Comp. Pt:</b>	<b>+ 10 dBm</b>
<b>Gain:</b>	<b>30 dB min.</b>	<b>Voltage/Current: DC Power</b>	<b>+15 VDC @110 mA, nom.</b>
<b>Gain Flatness:</b>	<b>± 1.0 dB max</b>	<b>Measured Current:</b>	<b>96 mA</b>
<b>VSWR Input:</b>	<b>2.0:1</b>	<b>Max. Noise Figure:</b>	<b>1.0 dB</b>
<b>VSWR Output:</b>	<b>2.0:1</b> 50 Ohms Impedance	<b>Outline:</b>	<b>D4</b>
		<b>Model:</b>	<b>EM 10051</b>

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

<b>Frequency (GHz)</b>	<b>Gain (dB)</b>	<b>VSWR</b>		<b>Noise Figure (dB)</b>	<b>Output Power @ 1dB Comp. (+dBm)</b>
		<b>In</b>	<b>Out</b>		
0.4	31.6	1.61	1.04	0.97	12
1.5	31.1	1.65	1.07	0.79	11.5
2.5	30.6	1.61	1.20	0.83	11
3.5	30.5	1.45	1.35	0.97	11

Data taken at 23°C unless otherwise stated.

**COMMENTS:**

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

**DATE:09/05/2005**