



1373 Lincoln Avenue, Holbrook NY 11716      Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 107893
Model No.: APT3-01200160-03513-D6

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

Specifications at 23°C			
Frequency:	1.2- 1.6 GHz	Output Power @ 1dB Comp. Pt:	+ 13 dBm
Gain:	40-60 dB min.	Voltage/Current: DC Power	+15 VDC @125 mA, nom.
Gain Flatness:	± 0.5 dB max	Measured Current:	125 mA
VSWR Input:	2.0:1	Max. Noise Figure:	0.35 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D6 EM 10447A

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

Frequency (GHz)	Gain (dB)	VSWR		Noise Figure (dB)	Output Power @ 1dB Comp. (+dBm)
		In	Out		
1.2	44.3	1.25	1.24	0.33	14
1.4	44.1	1.34	1.19	0.31	14
1.6	43.7	1.39	1.20	0.33	14

Data taken at 23°C unless otherwise stated.

**COMMENTS:** Do not apply DC Voltage to the INPUT. The maximum RF CW Input to the unit is +15 dBm.

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

DATE: 3/22/2010

E-mail: [sales@amplitechinc.com](mailto:sales@amplitechinc.com) • website: [www.amplitechinc.com](http://www.amplitechinc.com)