



1373 Lincoln Avenue, Holbrook NY 11741

Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 105503
Model No.: APT4-04000800-1212-D4

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

Specifications at 23°C			
Frequency:	4- 8 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	38 dB min.	Voltage/Current: DC Power	15 VDC @150 mA, nom.
Gain Flatness:	±1.5 dB max	Measured Current:	138 mA
VSWR Input:	2.0:1	Max. Noise Figure:	1.0 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D4 EM 10148C

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		
4	42.7	1.75	1.15	0.58	12
5	41.6	1.45	1.09	0.55	12
6	41.3	1.45	1.14	0.55	12
7	41.6	1.71	1.28	0.58	12
8	42.5	1.99	1.43	0.61	12

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: 11/01/2009

E-mail: sales@amplitechinc.com • website: www.amplitechinc.com