



35-3 Carlough Road, Bohemia NY 11716

Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 108609
Model No.: APT4-00100800-1410-D4

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

Specifications at 23°C			
Frequency:	0.1- 8.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	28 dB min.	Voltage/Current: DC Power	+15 VDC @125 mA, nom.
Gain Flatness:	± 1.5 dB max	Measured Current:	96 mA
VSWR Input:	2.0:1	Max. Noise Figure:	1.4 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D4 EM 10172B

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		
0.1	30.5	1.82	1.14	1.39	11
0.5	30.4	1.78	1.13	1.28	11
2	30.5	1.56	1.17	1.15	11
4	30.7	1.62	1.17	1.19	12
6	30.4	1.95	1.15	1.11	13
8	28.5	1.20	1.48	1.20	13

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: 5/23/13

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