



35-3 Carlough Road, Bohemia NY 11716

Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 108692
Model No.: APTMP3-00101800-3020-D4

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

Specifications at 23°C			
Frequency:	0.1- 18 GHz	Output Power @ 1dB Comp. Pt:	+ 20 dBm
Gain:	14 dB min.	Voltage/Current: DC Power	15 VDC @400 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	414 mA
VSWR Input:	2.5:1	Max. Noise Figure:	3.0* dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D4 10410A

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		
.100	27.6	2.16	2.49	5.92	21
.500	28.0	2.10	2.45	2.99	22
1	28.4	1.99	1.45	2.98	21
2	28.1	1.94	1.22	2.84	21
6	27.0	2.11	1.40	2.61	21
10	27.0	2.41	1.49	2.43	21
14	25.8	2.41	2.16	2.38	22
18	25.8	2.49	1.33	2.60	22

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. * Noise Figure spec is only valid over 500 MHz.

TESTER: _____

DATE: 5/15/13

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