



620 Johnson Avenue, Bohemia NY 11716

Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 112632

Model No.: APTMP6-00501800-3020-D6

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

Specifications at 23°C			
Frequency:	0.5- 18.00 GHz	Output Power @ 1dB Comp. Pt:	+ 20 dBm
Gain:	42 dB min.	Voltage/Current: DC Power	+15 VDC @450 mA, nom.
Gain Flatness:	± 2.50 dB max	Measured Current:	436 mA
VSWR Input:	2.5:1	Max. Noise Figure:	3.0 dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D6 EM 10611A

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		
.500	48.3	1.65	1.07	2.98	25
1	47.9	1.65	1.11	2.95	25
2	47.7	1.66	1.11	2.62	25.5
4	48.4	1.67	1.25	2.65	26
6	40.2	1.76	1.29	2.62	26
10	45.8	1.81	1.13	2.51	26
12	44.3	1.71	1.37	2.65	26
18	43.5	1.79	1.33	2.29	21

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: 10/21/16

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