



35-3 Carlough Road, Bohemia NY 11716

Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 107755

Model No.: APT2-02300270-04510-D2

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

Specifications at 23°C			
Frequency:	2.3- 2.7 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	26 dB min.	Voltage/Current: DC Power	15 VDC @90 mA, nom.
Gain Flatness:	± 0.5 dB max	Measured Current:	84 mA
VSWR Input:	1.5:1:1	Max. Noise Figure:	0.45 dB
VSWR Output:	1.5:1:1 Z=50 Ohms	Outline: Model:	D2 EM 10109C

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		
2.3	29.4	1.41	1.26	0.40	13
2.5	29.0	1.36	1.36	0.41	13
2.7	28.5	1.28	1.19	0.42	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: 8/08/12

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