



35-3 Carlough Road, Bohemia NY 11716

Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 109519
Model No.: APT4-12001800-1510-D4-GW

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

Specifications at 23°C			
Frequency:	12- 18 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	30 dB	Voltage/Current: DC Power	+15 VDC @200 mA, nom.
Gain Flatness:	± 0.75 dB max	Measured Current:	250 mA
VSWR Input:	1.5:1	Max. Noise Figure:	1.5 dB
VSWR Output:	1.5:1 Z=50 Ohms	Outline: Model:	D4 10422A

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		
12	28.7	1.70	1.38	1.06	15.9
14	30.1	1.49	1.16	1.14	19.1
16	30.3	1.50	1.48	1.24	19.0
18	27.3	1.72	1.44	1.27	12.3

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: 12/05/2013

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