



35-3 Carlough Road, Bohemia NY 11716 Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 109677
Model No.: APT4-00101800-2510-D4

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

Specifications at 23°C			
Frequency:	0.1- 18.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	22 dB min.	Voltage/Current: DC Power	+15 VDC @175 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	116 mA
VSWR Input:	2.5:1	Max. Noise Figure:	2.5* dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D4 EM 10023K

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	26.5	2.47	1.31	4.80	11
.500	27.7	2.00	1.32	2.53	12
2.0	28.0	1.95	1.31	2.25	13
6.0	28.1	2.05	1.43	1.94	13
10.0	25.9	1.99	1.29	2.04	12
14.0	26.9	1.25	1.15	1.96	13
18.0	24.9	1.09	1.26	2.46	12

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: 5/28/14

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