



620 Johnson Avenue, Bohemia NY 11716

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Serial Number: 108258
Model No.: APT3-00100600-1310-D4

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

Specifications at 23°C			
Frequency:	0.1- 6.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	30 dB min.	Voltage/Current: DC Power	+15 VDC @125 mA, nom.
Gain Flatness:	± 1.25 dB max	Measured Current:	97 mA
VSWR Input:	2.0:1	Max. Noise Figure:	1.3 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D4 EM 10172C

**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	31	1.77	1.18	1.23	11.7
.500	31.7	1.74	1.15	1.09	11.6
2	31.8	1.52	1.19	1.02	11.8
4	32	1.59	1.11	1.09	12.6
6	32	1.94	1.12	1.10	13.7

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: 6/27/17

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