



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

Serial Number: 108743
Model No.: APT4-00100600-1310-D6

**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:	42 dB min.	Voltage/Current: DC Power	+15 VDC @200 mA, nom.
Gain Flatness:	± 1.0 dB max	Measured Current:	166 mA
VSWR Input:	2.0:1	Max. Noise Figure:	1.3 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D6 EM 10095D

**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	47.6	1.86	1.25	1.29	10
.500	47.4	1.83	1.20	1.05	10
1	46.8	1.72	1.24	0.79	10
2	46.4	1.45	1.26	0.94	10
4	46.0	1.15	1.51	1.18	10
6	45.6	1.41	1.83	1.24	10

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: 8/16/13

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