



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

Serial Number: 102462
Model No.: APT2-00020300-3010-D4

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

Specifications at 23°C			
Frequency:	0.02- 3.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	24 dB min.	Voltage/Current: DC Power	+15 VDC @100 mA, nom.
Gain Flatness:	± 2.75 dB max	Measured Current:	110 mA
VSWR Input:	2.5:1	Max. Noise Figure:	3.0 dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D4 EM 10070C

**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		
0.02	30.3	2.33	1.18	2.79	11.5
0.1	32.9	2.05	1.08	1.83	12
1	31.8	1.95	1.12	0.97	12
2	30.6	1.77	1.15	1.04	12
3	30.0	1.58	1.11	1.08	12.5

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: 4/16/15

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