



1373 Lincoln Avenue, Holbrook NY 11741

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Serial Number: 102231
Model No.: APT2-18004000-4010-D2

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

Specifications at 23°C			
Frequency:	18- 40 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	16 dB min.	Voltage/Current: DC Power	+15 VDC @125 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	90 mA
VSWR Input:	2.5:1	Max. Noise Figure:	4.0 dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D2 EM 10146A

**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		
18	19.0	2.47	1.96	3.65	11
22	19.4	2.33	1.08	3.89	11
26	19.6	1.90	1.57	3.62	12
30	19.7	1.22	1.32	3.55	12
34	19.7	1.84	1.61	3.90	12
38	20.1	1.97	2.39	3.88	13
40	18.5	1.38	2.48	3.97	13

Data taken at 23°C unless otherwise stated.

**COMMENTS:**

TESTER: \_\_\_\_\_

DATE: 09/17/2013

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