



1373 Lincoln Avenue, Holbrook NY 11741

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Serial Number: 105940

Model No.: APT4-00102000-3010-D4

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

Specifications at 23°C			
Frequency:	.100- 20 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	20 dB min.	Voltage/Current: DC Power	15 VDC @175 mA, nom.
Gain Flatness:	± 2.0 dB max	Measured Current:	147 mA
VSWR Input:	2.5:1	Max. Noise Figure:	3.0 dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D4 10023H

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	21.6	1.97	1.06	2.99	11
.500	21.5	2.09	1.05	2.97	11
1	21.5	2.04	1.05	2.78	11
2	22.2	2.12	1.07	2.99	11
6	23.1	2.08	1.13	2.38	12
10	22.6	2.36	1.38	2.26	13
14	24.2	1.25	1.39	1.93	15
18	23.6	1.26	1.89	2.11	14
20	22.8	1.91	1.75	2.67	15

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: 07/21/10

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