



1373 Lincoln Avenue, Holbrook NY 11716

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Serial Number: 104404
Model No.: APT3-00100300-1010-D4

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

Specifications at 23°C			
Frequency:	0.1- 3 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	28 dB min.	Voltage/Current: DC Power	+15 VDC @150 mA, nom.
Gain Flatness:	± 1.0 dB max	Measured Current:	99 mA
VSWR Input:	2.2:1	Max. Noise Figure:	1.0 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D4 EM 10051D

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		
0.1	32.1	1.79	1.09	0.99	11
1	31.8	1.61	1.10	0.82	11
2	30.9	1.30	1.12	0.96	11.5
3	30.1	1.06	1.10	0.99	11.5

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: 05/20/2010

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