



620 Johnson Ave , Bohemia NY 11716

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Serial Number: 114518
Model No.: APT4-00102650-4008-D4

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

Specifications at 23°C			
Frequency:	0.1- 26.5 GHz	Output Power @ 1dB Comp. Pt:	+ 8 dBm
Gain:	18 dB min.	Voltage/Current: DC Power	15 VDC @175 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	92 mA
VSWR Input:	2.5:1	Max. Noise Figure:	4.0* dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D4 EM 10176 C

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	23.2	2.10	1.80	5.35	8.7
0.5	24.2	2.03	1.79	3.89	8.8
6	25.5	1.90	1.30	2.45	9.5
14	23.3	1.30	1.31	2.59	10.1
20	23.0	2.00	1.80	2.64	10.5
26.5	23.4	2.40	1.85	2.39	12

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.*N.F -specified above 500 MHZ for all ultrawide band amplifiers.

TESTER: _____

DATE: 12/05/2017

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