



1373 Lincoln Avenue, Holbrook NY 11741

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Serial Number: 105993
Model No.: APTMP4-00101800-3820-D4

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

Specifications at 23°C			
Frequency:	0.1- 18 GHz	Output Power @ 1dB Comp. Pt:	+ 20 dBm
Gain:	33 dB min.	Voltage/Current: DC Power	15 VDC @350 mA, nom.
Gain Flatness:	± 2.75 dB max	Measured Current:	362 mA
VSWR Input:	2.5:1	Max. Noise Figure:	3.8* dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D4 10118E

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	35.6	1.84	2.48	5.93	23
.5	35.0	1.66	1.32	3.75	23
2	36.2	1.60	1.23	3.40	24
6	36.5	1.44	1.12	3.14	24
10	34.2	2.06	1.31	3.22	23
14	33.2	1.79	1.27	3.06	22
18	33.0	1.24	1.63	3.10	22

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.DEGRADES BELOW 500MHZ FOR ALL WIDE -BAND AMPLIFIERS

TESTER: _____

DATE: 7/27/10

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