



1373 Lincoln Avenue Holbrook, NY 11741

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Serial Number: 101521
Model No.: APTMP4-00501800-5021-D4

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

Specifications at 23°C			
Frequency:	0.5- 18 GHz	Output Power @ 1dB Comp. Pt:	+ 21 dBm
Gain:	27 dB min.	Voltage/Current: DC Power	+15 VDC @375 mA, nom.
Gain Flatness:	± 2.0 dB max	Measured Current:	360 mA
VSWR Input:	2.0:1	Max. Noise Figure:	5.0 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D4 EM 10118A

**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		
0.5	34.9	1.32	1.67	4.06	21.5
1	34.8	1.28	1.27	3.48	22
2	35.8	1.27	1.34	3.44	22.5
6	36.2	1.60	1.45	3.19	23
10	34.5	1.95	1.81	2.93	23
14	36.6	1.80	1.39	2.51	23
18	35.7	1.58	1.39	2.41	23

Data taken at 23°C unless otherwise stated.

**COMMENTS:**

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

**DATE:** 08/20/20193

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