



35-3 Carlough Road, Bohemia NY 11716 Tel: 631 521 7831 Fax: 631 521 7871

Serial Number: 111117
Model No.: APTMP4-00501800-3022-D4

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

Specifications at 23°C			
Frequency:	0.5- 18.0 GHz	Output Power @ 1dB Comp. Pt:	+22 dBm
Gain:	33 dB min.	Voltage/Current: DC Power	+15 VDC @475 mA, nom.
Gain Flatness:	± 3.0 dB max	Measured Current:	385 mA
VSWR Input:	2.5:1	Max. Noise Figure:	3.5 dB
VSWR Output:	2.5:1 Z=50 Ohms	Outline: Model:	D4 EM 10118G

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	41.2	1.62	1.25	2.60	25
2	41.4	1.55	1.08	2.10	25.5
6	41.3	1.91	1.42	2.69	26
10	40.0	2.25	1.10	2.57	25
14	38.9	2.01	1.30	2.56	21.5
18	35.9	1.89	1.81	2.57	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.

TESTER: _____

DATE: 08/14/15

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