



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

Serial Number: 105354
Model No.: APT3-00500600-1010-D4

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

Specifications at 23°C			
Frequency:	0.5- 6.0 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	28 dB min.	Voltage/Current: DC Power	+15 VDC @125 mA, nom.
Gain Flatness:	± 1.25 dB max	Measured Current:	118 mA
VSWR Input:	2.0:1	Max. Noise Figure:	1.0 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D4 EM 10172D

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		
.500	31.6	1.69	1.07	0.95	12
1	31.3	1.59	1.08	0.95	12
3	30.6	1.10	1.10	0.88	12.5
4	30.5	1.09	1.12	0.97	12.5
6	31.7	1.98	1.32	0.98	13

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: 9/24/14

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