



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

Serial Number: 109556
Model No.: APTW5-08000900-50K15-WR112D6-GW

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

Specifications at 23°C			
Frequency:	8- 9 GHz	Output Power @ 1dB Comp. Pt:	+ 15 dBm
Gain:	50 dB min.	Voltage/Current: DC Power	+15 VDC @250 mA, nom.
Gain Flatness:	± 1.0 dB max	Measured Current:	260 mA
VSWR Input:	1.5:1	Max. Noise Figure:	50 °K
VSWR Output:	1.5:1 Z=50 Ohms	Outline: Model:	WR112+D6 EM 10430A

Note: Test data taken with case temperature of +23 °C

Frequency (GHz)	Gain (dB)	VSWR		Noise Figure (°K)	Output Power @ 1dB Comp. (+dBm)
		In	Out		
8	56.3	1.10	1.31	39	23.0
8.5	55.1	1.27	1.32	44	22.6
9	54.6	1.48	1.34	49	22.0

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: 5/20/2014

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