



Amplitech

"Amplify Your Potential"

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Serial Number: 101127

Model No.: APTW4-18002650-2012-42-GW

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

Specifications at 23°C			
Frequency:	18.0- 26.5 GHz	Output Power @ 1dB Comp. Pt:	+ 12 dBm
Gain:	30 dB min.	Voltage/Current: DC Power	15 VDC @160 mA, nom.
Gain Flatness:	± 1.5 dB max	Measured Current:	100 mA
VSWR Input:	2.0:1	Max. Noise Figure:	2.0 dB
VSWR Output:	2.0:1 Z=50 Ohms	Outline: Model:	D2 EM10398A

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		
18	34.2	1.79	1.19	1.83	13
20	32.4	1.09	1.23	1.82	14
22	32.5	1.41	1.12	1.93	13
24	33.7	1.51	1.96	1.94	13
26	31.5	1.88	1.94	2.00	12.5

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: 11/09/12

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