



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

Specifications at 23°C			
Frequency:	0.1- 18 GHz	Output Power @ 1dB Comp. Pt:	+ 10 dBm
Gain:	30 dB min	Volatge/Current: DC Power	+15 VDC @225 mA, nom.
Gain Flatness:	± 2.5 dB max	Measured Current:	193 mA
VSWR Input:	2.5:1	Max. Noise Figure:	2.5* dB
VSWR Output:	2.5:1 50 Ohms Impedance	Housing No.:	H1003

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

<u>Frequency (GHz)</u>	<u>Gain (dB)</u>	<u>VSWR</u>		<u>Noise Figure (dB)</u>	<u>Output Power @ 1dB Comp. (dBm)</u>
		<u>In</u>	<u>Out</u>		
0.1	34.4	1.85	1.88	4.4	13
.5	34.1	2.33	1.95	2.46	13
1	33.8	2.23	1.96	2.19	13
2	33.5	1.99	1.99	2.25	14
4	33.6	1.88	1.75	2.25	14
6	34.4	2.3	1.45	2.28	15
8	33.2	1.81	1.28	2.17	16
10	32.5	1.49	1.19	2.31	17
12	33.8	1.92	1.37	2.15	15
14	34.5	2.11	1.95	2.41	14
16	33.2	1.75	1.49	2.19	13
18	31.3	2.41	1.39	2.49	12

Data taken at 23°C unless noted otherwise.

COMMENTS: * N.F. is specified above 500 MHz

TESTER: _____

DATE: 8/15/13