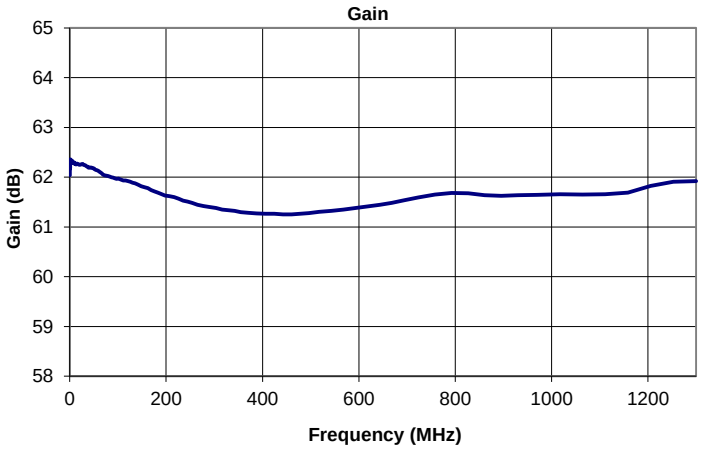
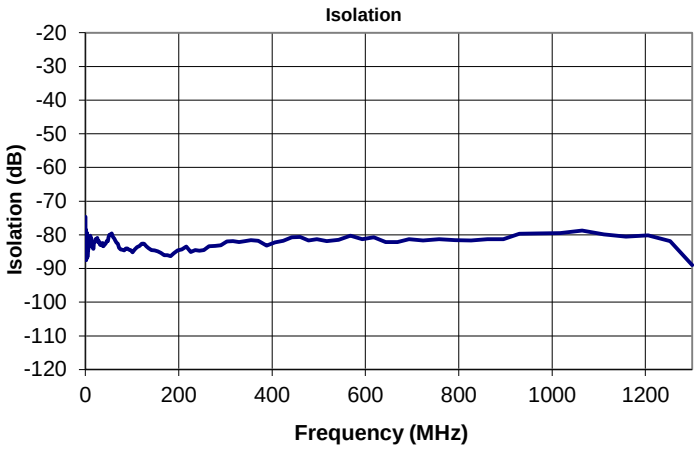
AM-1660

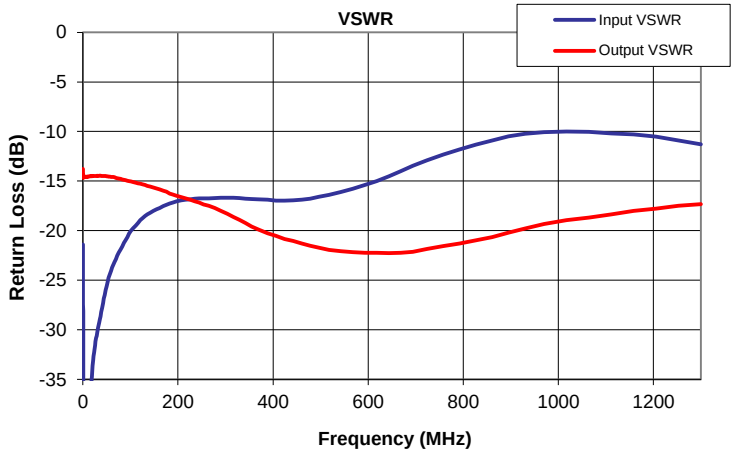
Features

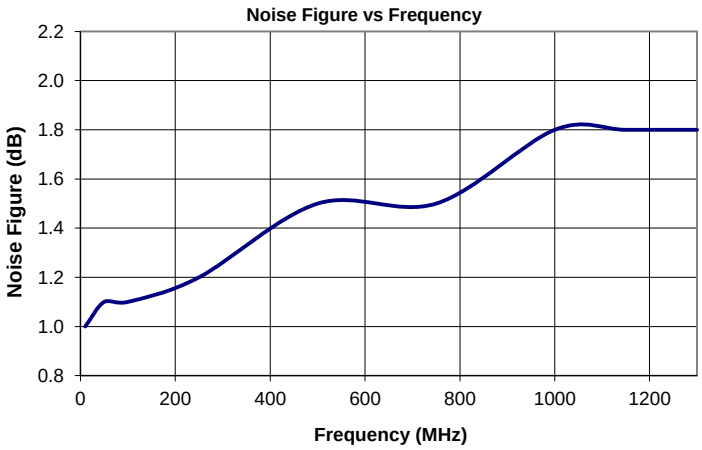
- 3-Year Warranty
- Broadband And Low Frequency Response
- Low Noise Figure
- Internally regulated to +12V
- Reverse voltage protected
- Input Limiter Protected

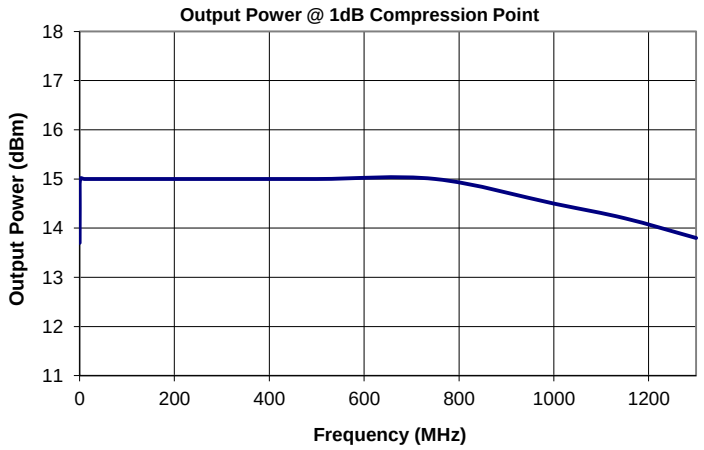
Typical Data











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6/14/2011

AM-1660

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
0.30	62.0	-74.6	-21.4	-13.8	63.1
0.31	62.0	-77.3	-22.6	-14.2	25.5
0.33	62.1	-80.2	-22.8	-14.3	30.1
0.34	62.1	-79.0	-23.4	-14.4	-31.6
0.36	62.1	-78.9	-23.8	-14.4	-5.9
0.37	62.1	-79.3	-24.3	-14.4	-9.5
0.39	62.1	-79.2	-24.7	-14.4	-18.5
0.40	62.2	-79.8	-24.9	-14.4	-12.2
0.42	62.2	-78.7	-25.5	-14.3	3.7
0.44	62.2	-78.3	-26.0	-14.4	-17.1
0.46	62.2	-79.5	-26.3	-14.3	5.5
0.48	62.2	-79.2	-26.6	-14.4	16.4
0.50	62.2	-80.2	-26.9	-14.4	6.1
0.52	62.2	-79.8	-27.4	-14.4	-2.8
0.54	62.2	-80.3	-28.1	-14.5	1.6
0.56	62.2	-80.2	-28.7	-14.4	-4.8
0.59	62.2	-80.2	-29.2	-14.5	2.2
0.62	62.3	-81.5	-29.3	-14.5	4.3
0.64	62.3	-82.1	-29.7	-14.5	0.6
0.67	62.3	-82.7	-30.1	-14.6	-2.8
0.70	62.3	-83.9	-30.5	-14.5	8.2
0.73	62.3	-84.5	-31.0	-14.6	-2.9
0.75	62.3	-84.2	-31.4	-14.6	12.2
0.79	62.3	-84.6	-31.8	-14.6	-3.2
0.82	62.3	-85.3	-31.9	-14.6	12.3
0.86	62.3	-85.3	-32.4	-14.6	0.3
0.90	62.3	-85.2	-32.8	-14.6	3.3
0.94	62.3	-86.1	-33.4	-14.6	-1.8
0.98	62.3	-85.2	-34.0	-14.6	4.4
1.02	62.3	-84.5	-34.4	-14.6	1.1
1.05	62.3	-83.0	-34.9	-14.6	1.9
1.10	62.3	-84.5	-35.4	-14.6	-2.7
1.15	62.4	-83.6	-35.8	-14.6	3.7
1.21	62.3	-84.0	-36.3	-14.6	-1.6
1.26	62.3	-87.0	-36.7	-14.6	3.5
1.31	62.3	-86.0	-37.2	-14.6	0.7
1.37	62.3	-85.3	-37.4	-14.6	4.8
1.42	62.3	-87.0	-37.5	-14.6	1.7
1.47	62.3	-86.7	-38.1	-14.6	1.2
1.54	62.3	-87.5	-38.3	-14.6	2.7
1.61	62.3	-86.9	-38.7	-14.6	2.9
1.68	62.3	-86.1	-39.3	-14.6	4.8
1.75	62.3	-84.4	-39.7	-14.6	2.8
1.83	62.3	-81.0	-39.8	-14.6	0.2
1.90	62.3	-80.6	-40.3	-14.6	3.0
1.97	62.3	-80.3	-41.5	-14.6	2.1
2.06	62.3	-79.4	-42.0	-14.6	2.4
2.16	62.3	-79.9	-42.6	-14.6	3.2
2.26	62.3	-79.2	-43.8	-14.6	-0.2
2.36	62.3	-79.3	-43.9	-14.6	1.7
2.46	62.3	-80.2	-44.7	-14.6	2.5
2.56	62.3	-81.6	-45.8	-14.6	1.9
2.66	62.3	-81.7	-46.4	-14.6	4.3

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
2.76	62.3	-83.7	-47.2	-14.6	2.7
2.88	62.3	-83.3	-47.1	-14.6	0.8
3.02	62.3	-81.9	-47.8	-14.6	2.2
3.16	62.3	-83.8	-47.9	-14.6	1.4
3.30	62.3	-84.9	-47.3	-14.6	3.8
3.44	62.3	-84.5	-48.5	-14.6	1.5
3.58	62.3	-86.0	-48.5	-14.6	-0.2
3.72	62.3	-86.4	-48.4	-14.6	1.1
3.86	62.3	-86.9	-48.6	-14.6	1.2
4.02	62.3	-84.7	-49.6	-14.6	1.3
4.22	62.3	-85.0	-50.3	-14.6	1.9
4.41	62.3	-86.5	-51.3	-14.6	2.0
4.61	62.3	-84.2	-51.7	-14.6	1.1
4.81	62.3	-83.5	-52.0	-14.6	1.1
5.00	62.3	-84.4	-51.3	-14.6	1.6
5.20	62.3	-82.9	-51.1	-14.6	1.3
5.39	62.3	-83.4	-51.5	-14.5	1.5
5.62	62.3	-83.8	-52.3	-14.6	0.7
5.89	62.3	-84.5	-51.6	-14.6	1.2
6.16	62.3	-84.5	-50.7	-14.6	1.1
6.43	62.3	-83.0	-49.5	-14.6	1.2
6.69	62.3	-83.2	-49.4	-14.5	1.9
6.96	62.3	-83.2	-49.8	-14.6	1.5
7.23	62.3	-83.8	-49.3	-14.6	1.7
7.54	62.3	-83.4	-48.9	-14.6	2.2
7.91	62.3	-81.2	-48.0	-14.6	1.5
8.27	62.3	-81.5	-46.5	-14.6	2.0
8.64	62.3	-81.2	-45.2	-14.6	1.8
9.01	62.3	-82.2	-45.0	-14.6	1.9
9.37	62.3	-81.8	-44.5	-14.6	1.5
9.74	62.3	-81.9	-43.5	-14.6	1.6
10	62.3	-81.7	-42.7	-14.6	1.6
11	62.3	-80.3	-42.2	-14.6	1.7
11	62.3	-80.8	-41.7	-14.6	1.5
12	62.3	-81.3	-41.0	-14.5	1.8
12	62.3	-81.0	-40.8	-14.5	1.5
13	62.3	-82.2	-40.5	-14.5	1.6
13	62.3	-81.7	-39.4	-14.5	1.6
14	62.3	-82.7	-38.8	-14.5	1.3
14	62.3	-82.5	-38.3	-14.5	1.3
15	62.3	-82.9	-37.5	-14.5	1.3
15	62.3	-83.0	-37.1	-14.5	1.2
16	62.3	-83.0	-36.5	-14.5	1.5
17	62.3	-84.1	-35.9	-14.5	1.6
18	62.3	-84.1	-35.4	-14.5	1.5
18	62.3	-82.8	-35.1	-14.5	1.6
19	62.3	-82.3	-34.7	-14.5	1.5
20	62.2	-82.0	-34.2	-14.5	1.6
21	62.2	-81.8	-33.6	-14.5	1.6
22	62.3	-81.3	-33.0	-14.5	1.6
23	62.3	-81.7	-32.6	-14.5	1.7
24	62.3	-82.0	-32.3	-14.5	1.5
25	62.3	-81.2	-32.0	-14.5	1.4

AM-1660

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
25	62.3	-81.0	-31.6	-14.5	1.5
26	62.3	-81.7	-31.2	-14.5	1.5
28	62.3	-82.1	-30.8	-14.5	1.4
29	62.3	-81.9	-30.6	-14.5	1.5
30	62.2	-82.6	-30.2	-14.5	1.6
32	62.2	-83.0	-29.8	-14.5	1.5
33	62.2	-82.5	-29.5	-14.5	1.4
34	62.2	-82.7	-29.2	-14.5	1.6
36	62.2	-83.2	-28.9	-14.5	1.6
37	62.2	-82.4	-28.7	-14.5	1.5
39	62.2	-83.4	-28.2	-14.5	1.4
40	62.2	-83.0	-27.8	-14.5	1.6
42	62.2	-82.8	-27.3	-14.5	1.5
44	62.2	-82.4	-26.9	-14.5	1.4
46	62.2	-81.8	-26.5	-14.5	1.3
48	62.2	-81.9	-26.0	-14.5	1.5
50	62.2	-80.8	-25.6	-14.5	1.3
52	62.2	-80.0	-25.2	-14.5	1.5
54	62.1	-80.0	-24.8	-14.5	1.5
57	62.1	-79.6	-24.4	-14.6	1.5
59	62.1	-80.6	-24.0	-14.6	1.5
62	62.1	-81.1	-23.7	-14.6	1.5
64	62.1	-81.7	-23.4	-14.6	1.5
67	62.1	-82.4	-23.1	-14.6	1.6
69	62.0	-82.6	-22.9	-14.7	1.5
72	62.0	-83.9	-22.5	-14.7	1.5
76	62.0	-84.3	-22.2	-14.7	1.4
79	62.0	-84.5	-21.9	-14.8	1.5
83	62.0	-84.6	-21.6	-14.8	1.5
86	62.0	-84.0	-21.2	-14.9	1.5
90	62.0	-84.0	-21.0	-14.9	1.5
93	62.0	-84.4	-20.7	-15.0	1.4
97	62.0	-84.5	-20.3	-15.0	1.4
101	62.0	-85.2	-20.0	-15.0	1.5
106	62.0	-84.3	-19.8	-15.1	1.4
111	61.9	-83.7	-19.5	-15.2	1.5
116	61.9	-83.3	-19.2	-15.2	1.5
121	61.9	-82.6	-18.9	-15.3	1.5
126	61.9	-82.6	-18.7	-15.3	1.5
131	61.9	-83.4	-18.5	-15.4	1.4
136	61.9	-84.0	-18.4	-15.5	1.4
141	61.9	-84.5	-18.2	-15.6	1.5
148	61.8	-84.6	-18.0	-15.7	1.4
155	61.8	-84.9	-17.8	-15.8	1.4
162	61.8	-85.4	-17.7	-15.9	1.4
169	61.7	-86.0	-17.5	-16.0	1.4
176	61.7	-86.1	-17.4	-16.1	1.4
183	61.7	-86.3	-17.3	-16.2	1.4
189	61.7	-85.5	-17.2	-16.4	1.4
198	61.6	-84.6	-17.0	-16.5	1.4
207	61.6	-84.3	-16.9	-16.6	1.4
216	61.6	-83.5	-16.9	-16.7	1.4
226	61.6	-85.1	-16.8	-16.9	1.4

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
235	61.5	-84.5	-16.8	-17.0	1.4
245	61.5	-84.7	-16.7	-17.2	1.4
254	61.5	-84.6	-16.8	-17.4	1.4
265	61.4	-83.4	-16.7	-17.5	1.4
278	61.4	-83.3	-16.7	-17.7	1.4
291	61.4	-83.1	-16.7	-18.0	1.4
303	61.4	-82.0	-16.7	-18.3	1.4
316	61.4	-81.8	-16.7	-18.6	1.4
329	61.3	-82.1	-16.7	-18.9	1.4
342	61.3	-81.9	-16.8	-19.2	1.4
355	61.3	-81.6	-16.8	-19.6	1.4
370	61.3	-81.8	-16.8	-19.9	1.4
388	61.3	-83.2	-16.9	-20.3	1.4
406	61.3	-82.2	-17.0	-20.5	1.4
424	61.3	-81.8	-17.0	-20.8	1.4
442	61.3	-80.7	-16.9	-21.0	1.4
460	61.3	-80.6	-16.9	-21.3	1.4
478	61.3	-81.7	-16.8	-21.5	1.4
496	61.3	-81.3	-16.6	-21.7	1.4
517	61.3	-81.8	-16.4	-21.9	1.4
543	61.3	-81.5	-16.1	-22.1	1.4
568	61.4	-80.3	-15.8	-22.2	1.4
593	61.4	-81.3	-15.4	-22.2	1.4
618	61.4	-80.7	-15.0	-22.2	1.4
643	61.4	-82.2	-14.5	-22.3	1.4
669	61.5	-82.1	-14.0	-22.2	1.4
694	61.5	-81.3	-13.5	-22.1	1.4
723	61.6	-81.6	-12.9	-21.8	1.5
758	61.6	-81.3	-12.3	-21.6	1.5
792	61.7	-81.5	-11.8	-21.3	1.5
827	61.7	-81.7	-11.3	-21.0	1.5
861	61.6	-81.3	-10.9	-20.6	1.5
896	61.6	-81.3	-10.5	-20.2	1.5
930	61.6	-79.7	-10.2	-19.8	1.5
970	61.6	-79.6	-10.1	-19.3	1.5
1017	61.7	-79.5	-10.0	-18.9	1.5
1064	61.7	-78.8	-10.0	-18.7	1.5
1111	61.7	-79.9	-10.2	-18.4	1.5
1158	61.7	-80.5	-10.3	-18.0	1.5
1206	61.8	-80.1	-10.5	-17.8	1.6
1253	61.9	-81.9	-10.9	-17.5	1.6
1300	61.9	-89.0	-11.3	-17.3	1.7