

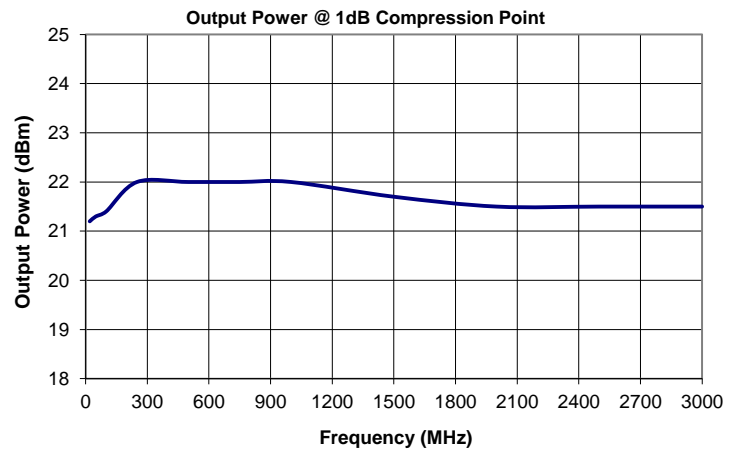
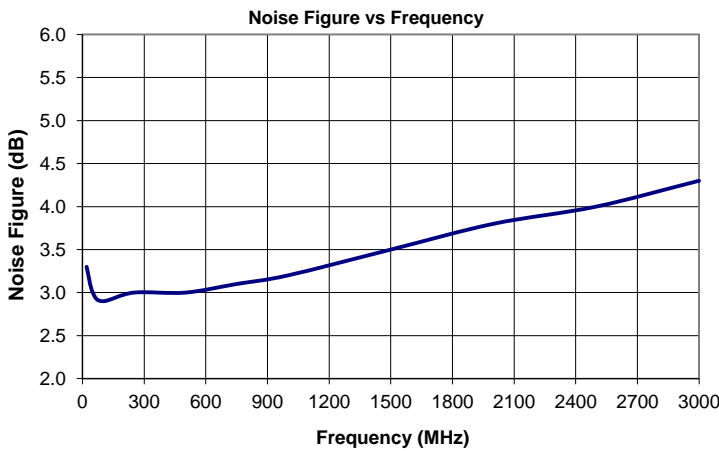
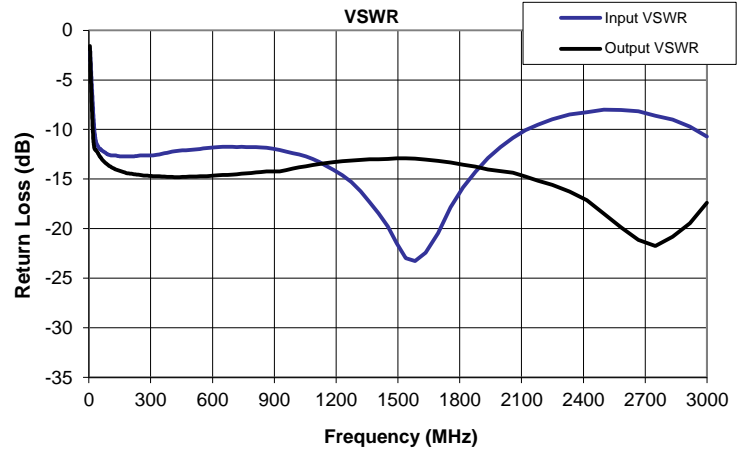
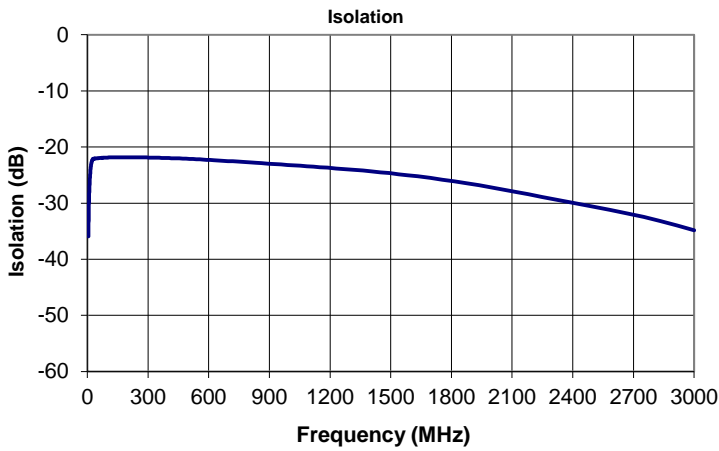
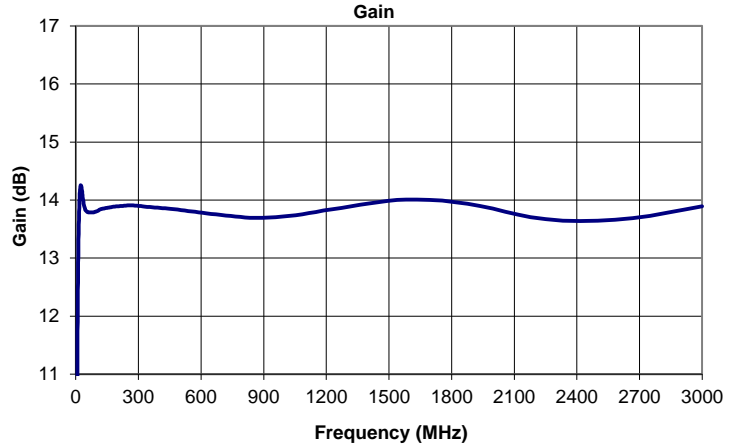
AM-1526 Series

Features

- 3-Year Warranty
- Excellent gain flatness across the band
- Low VSWR

- Internally regulated to +8V
- Reverse voltage protected
- Typical +38 dBm 3ip

Typical Data



100 Davids Drive, Hauppauge, NY 11788
 TEL.: (631) 439-9220 • FAX: (631) 436-7430
 e-mail: components@miteq.com • www.miteq.com

AM-1526 Series

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay (Ns)
5.0	8.5	-35.9	-1.8	-1.6	14.0
5.2	8.7	-35.4	-1.9	-1.7	13.7
5.4	9.0	-34.9	-1.9	-1.8	13.6
5.6	9.2	-34.5	-2.0	-1.9	13.3
5.7	9.4	-34.0	-2.1	-2.0	13.1
5.9	9.6	-33.6	-2.1	-2.1	12.8
6.1	9.8	-33.2	-2.2	-2.2	12.6
6.3	10.0	-32.7	-2.3	-2.3	12.5
6.5	10.2	-32.4	-2.3	-2.5	12.2
6.7	10.4	-32.0	-2.4	-2.6	11.9
6.9	10.6	-31.6	-2.5	-2.7	11.8
7.1	10.7	-31.2	-2.6	-2.9	11.5
7.4	10.9	-30.7	-2.7	-3.1	11.3
7.7	11.1	-30.3	-2.8	-3.2	11.0
7.9	11.3	-29.9	-2.9	-3.4	10.8
8.2	11.4	-29.6	-3.0	-3.6	10.6
8.4	11.6	-29.2	-3.1	-3.8	10.3
8.7	11.7	-28.9	-3.2	-3.9	10.1
8.9	11.9	-28.6	-3.3	-4.1	9.8
9.2	12.0	-28.3	-3.4	-4.3	9.5
9.5	12.2	-28.0	-3.5	-4.5	9.3
9.8	12.3	-27.6	-3.7	-4.7	9.0
10.2	12.4	-27.3	-3.8	-5.0	8.7
10.5	12.6	-27.0	-4.0	-5.2	8.5
10.9	12.7	-26.7	-4.1	-5.5	8.2
11.2	12.8	-26.4	-4.3	-5.7	7.9
11.6	12.9	-26.1	-4.4	-5.9	7.7
11.9	13.0	-25.9	-4.6	-6.2	7.4
12.3	13.1	-25.6	-4.7	-6.4	7.1
12.6	13.2	-25.4	-4.9	-6.6	6.8
13.1	13.3	-25.2	-5.1	-6.9	6.6
13.5	13.4	-24.9	-5.3	-7.2	6.3
14.0	13.5	-24.7	-5.5	-7.5	6.1
14.5	13.6	-24.5	-5.7	-7.8	5.8
15.0	13.7	-24.3	-5.9	-8.0	5.6
15.5	13.7	-24.1	-6.1	-8.3	5.4
16.0	13.8	-23.9	-6.3	-8.6	5.2
16.4	13.9	-23.7	-6.4	-8.8	5.0
16.9	13.9	-23.6	-6.6	-9.1	4.8
17.4	14.0	-23.5	-6.8	-9.3	4.6
18.0	14.0	-23.3	-7.1	-9.6	4.5
18.6	14.1	-23.1	-7.3	-9.9	4.2
19.3	14.1	-23.0	-7.6	-10.2	4.1
20.0	14.1	-22.9	-7.8	-10.4	3.9
20.6	14.2	-22.7	-8.1	-10.7	3.7
21.3	14.2	-22.6	-8.3	-10.9	3.6
22.0	14.2	-22.6	-8.6	-11.1	3.4
22.6	14.2	-22.5	-8.8	-11.3	3.2
23.3	14.3	-22.4	-9.0	-11.4	3.1
24.0	14.3	-22.3	-9.2	-11.5	2.9
24.7	14.3	-22.3	-9.5	-11.6	2.7
25.7	14.2	-22.2	-9.7	-11.8	2.5
26.6	14.2	-22.2	-10.0	-11.8	2.3

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay (Ns)
27.5	14.2	-22.1	-10.2	-11.9	2.1
28.4	14.2	-22.1	-10.4	-12.0	1.9
29.3	14.2	-22.1	-10.6	-12.0	1.7
30.2	14.1	-22.1	-10.7	-12.0	1.5
31.2	14.1	-22.1	-10.8	-12.0	1.4
32.1	14.1	-22.1	-11.0	-12.1	1.2
33.0	14.1	-22.1	-11.1	-12.1	1.0
34.1	14.0	-22.1	-11.2	-12.1	0.9
35.3	14.0	-22.0	-11.3	-12.1	0.8
36.6	14.0	-22.0	-11.4	-12.2	0.7
37.9	13.9	-22.0	-11.4	-12.2	0.6
39.1	13.9	-22.0	-11.5	-12.2	0.5
40.4	13.9	-22.0	-11.6	-12.3	0.4
41.7	13.9	-22.0	-11.6	-12.3	0.3
42.9	13.9	-22.0	-11.7	-12.4	0.3
44.2	13.8	-22.0	-11.7	-12.4	0.2
45.4	13.8	-22.0	-11.7	-12.4	0.2
46.9	13.8	-22.0	-11.8	-12.5	0.2
48.7	13.8	-22.0	-11.8	-12.6	0.1
50.4	13.8	-22.0	-11.9	-12.6	0.1
52.1	13.8	-22.0	-11.9	-12.7	0.1
53.9	13.8	-22.0	-12.0	-12.7	0.1
55.6	13.8	-22.0	-12.0	-12.8	0.1
57.3	13.8	-22.0	-12.0	-12.8	0.1
59.1	13.8	-22.0	-12.0	-12.9	0.0
60.8	13.8	-22.0	-12.1	-12.9	0.0
62.6	13.8	-22.0	-12.1	-13.0	0.0
64.6	13.8	-22.0	-12.1	-13.0	0.0
67.0	13.8	-21.9	-12.1	-13.1	0.0
69.4	13.8	-21.9	-12.2	-13.1	0.0
71.8	13.8	-21.9	-12.2	-13.2	0.0
74.2	13.8	-21.9	-12.2	-13.2	0.0
76.6	13.8	-21.9	-12.3	-13.3	0.0
79.0	13.8	-21.9	-12.3	-13.3	-0.1
81.4	13.8	-21.9	-12.4	-13.4	-0.1
83.8	13.8	-21.9	-12.4	-13.4	-0.1
86.1	13.8	-21.9	-12.4	-13.5	-0.1
88.9	13.8	-21.9	-12.5	-13.5	-0.1
92.3	13.8	-21.9	-12.5	-13.6	-0.1
95.7	13.8	-21.9	-12.5	-13.6	-0.1
99.0	13.8	-21.9	-12.6	-13.7	-0.1
102.4	13.8	-21.9	-12.6	-13.7	-0.1
105.7	13.8	-21.9	-12.6	-13.8	-0.1
109.1	13.8	-21.9	-12.6	-13.8	-0.1
112.4	13.8	-21.9	-12.6	-13.8	-0.1
115.8	13.8	-21.9	-12.6	-13.9	-0.1
119.1	13.8	-21.9	-12.6	-13.9	-0.1
122.5	13.8	-21.8	-12.6	-14.0	-0.1
126.5	13.9	-21.9	-12.6	-14.0	-0.1
131.1	13.9	-21.8	-12.6	-14.0	-0.1
135.8	13.9	-21.8	-12.6	-14.1	-0.1
140.5	13.9	-21.8	-12.7	-14.1	-0.1
145.2	13.9	-21.8	-12.7	-14.1	-0.1

AM-1526 Series

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay (Ns)
149.9	13.9	-21.8	-12.7	-14.2	-0.1
154.6	13.9	-21.8	-12.7	-14.2	-0.1
159.3	13.9	-21.8	-12.7	-14.2	-0.1
164.0	13.9	-21.8	-12.7	-14.3	-0.1
168.6	13.9	-21.8	-12.7	-14.3	-0.1
174.1	13.9	-21.8	-12.7	-14.3	-0.1
180.6	13.9	-21.8	-12.7	-14.4	-0.1
187.0	13.9	-21.8	-12.7	-14.4	-0.1
193.5	13.9	-21.8	-12.7	-14.4	-0.1
199.9	13.9	-21.8	-12.7	-14.4	-0.1
206.4	13.9	-21.8	-12.7	-14.5	-0.1
212.8	13.9	-21.8	-12.7	-14.5	-0.1
219.3	13.9	-21.8	-12.7	-14.5	-0.1
225.7	13.9	-21.8	-12.7	-14.5	-0.1
232.2	13.9	-21.8	-12.7	-14.5	-0.1
239.7	13.9	-21.8	-12.6	-14.6	-0.1
248.6	13.9	-21.8	-12.6	-14.6	-0.1
257.5	13.9	-21.8	-12.6	-14.6	-0.1
266.4	13.9	-21.9	-12.6	-14.6	-0.1
275.3	13.9	-21.9	-12.6	-14.6	-0.1
284.2	13.9	-21.9	-12.6	-14.7	-0.1
293.1	13.9	-21.9	-12.6	-14.7	-0.1
301.9	13.9	-21.9	-12.6	-14.7	-0.1
310.8	13.9	-21.9	-12.6	-14.7	-0.1
319.7	13.9	-21.9	-12.6	-14.7	-0.2
330.1	13.9	-21.9	-12.6	-14.7	-0.2
342.3	13.9	-21.9	-12.5	-14.7	-0.2
354.6	13.9	-21.9	-12.5	-14.7	-0.2
366.8	13.9	-21.9	-12.4	-14.7	-0.2
379.1	13.9	-21.9	-12.3	-14.8	-0.2
391.3	13.9	-22.0	-12.3	-14.8	-0.2
403.5	13.9	-22.0	-12.2	-14.8	-0.2
415.8	13.9	-22.0	-12.2	-14.8	-0.2
428.0	13.9	-22.0	-12.2	-14.8	-0.2
440.2	13.9	-22.0	-12.1	-14.8	-0.2
454.5	13.8	-22.0	-12.1	-14.8	-0.2
471.4	13.8	-22.1	-12.1	-14.8	-0.2
488.2	13.8	-22.1	-12.1	-14.8	-0.2
505.1	13.8	-22.1	-12.0	-14.7	-0.2
521.9	13.8	-22.1	-12.0	-14.7	-0.2
538.8	13.8	-22.2	-12.0	-14.7	-0.2
555.6	13.8	-22.2	-11.9	-14.7	-0.2
572.5	13.8	-22.2	-11.9	-14.7	-0.2
589.3	13.8	-22.3	-11.8	-14.7	-0.2
606.2	13.8	-22.3	-11.8	-14.7	-0.2
625.9	13.8	-22.4	-11.8	-14.6	-0.2
649.1	13.8	-22.4	-11.8	-14.6	-0.2
672.2	13.8	-22.5	-11.7	-14.6	-0.2
695.4	13.7	-22.5	-11.7	-14.5	-0.2
718.6	13.7	-22.5	-11.8	-14.5	-0.2
741.8	13.7	-22.6	-11.8	-14.5	-0.2
765.0	13.7	-22.7	-11.8	-14.4	-0.2
788.2	13.7	-22.7	-11.8	-14.4	-0.2

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay (Ns)
811.4	13.7	-22.8	-11.8	-14.3	-0.2
834.6	13.7	-22.8	-11.8	-14.3	-0.2
861.8	13.7	-22.9	-11.8	-14.2	-0.2
893.7	13.7	-23.0	-11.9	-14.2	-0.2
925.6	13.7	-23.1	-12.1	-14.2	-0.2
957.6	13.7	-23.1	-12.2	-14.1	-0.2
989.5	13.7	-23.2	-12.4	-13.9	-0.2
1021.4	13.7	-23.3	-12.5	-13.8	-0.2
1053.4	13.7	-23.3	-12.7	-13.7	-0.2
1085.3	13.8	-23.4	-13.0	-13.6	-0.2
1117.3	13.8	-23.5	-13.3	-13.5	-0.2
1149.2	13.8	-23.6	-13.6	-13.4	-0.2
1186.6	13.8	-23.7	-14.1	-13.3	-0.2
1230.5	13.8	-23.8	-14.6	-13.2	-0.2
1274.5	13.9	-23.9	-15.3	-13.1	-0.2
1318.5	13.9	-24.1	-16.2	-13.1	-0.2
1362.5	13.9	-24.2	-17.3	-13.0	-0.2
1406.5	13.9	-24.4	-18.5	-13.0	-0.2
1450.4	14.0	-24.5	-19.8	-13.0	-0.2
1494.4	14.0	-24.7	-21.5	-12.9	-0.1
1538.4	14.0	-24.8	-23.0	-12.9	-0.1
1582.4	14.0	-25.0	-23.3	-12.9	-0.1
1633.8	14.0	-25.2	-22.4	-13.0	-0.1
1694.3	14.0	-25.5	-20.4	-13.2	-0.1
1754.9	14.0	-25.8	-17.8	-13.3	-0.1
1815.5	14.0	-26.1	-15.8	-13.5	-0.1
1876.0	13.9	-26.5	-14.3	-13.8	-0.1
1936.6	13.9	-26.8	-12.9	-14.0	-0.1
1997.1	13.9	-27.2	-11.8	-14.2	-0.1
2057.7	13.8	-27.6	-10.9	-14.4	-0.1
2118.2	13.7	-28.0	-10.1	-14.7	-0.1
2178.8	13.7	-28.4	-9.5	-15.2	-0.1
2249.6	13.7	-28.9	-9.0	-15.6	-0.1
2333.0	13.6	-29.5	-8.5	-16.3	-0.1
2416.4	13.6	-30.1	-8.3	-17.1	-0.1
2499.7	13.6	-30.6	-8.0	-18.5	-0.1
2583.1	13.7	-31.2	-8.0	-19.9	-0.1
2666.5	13.7	-31.8	-8.2	-21.1	-0.1
2749.9	13.7	-32.4	-8.6	-21.8	-0.1
2833.2	13.8	-33.2	-9.0	-20.8	-0.1
2916.6	13.8	-34.0	-9.7	-19.5	-0.1
3000.0	13.9	-34.8	-10.7	-17.4	-0.1