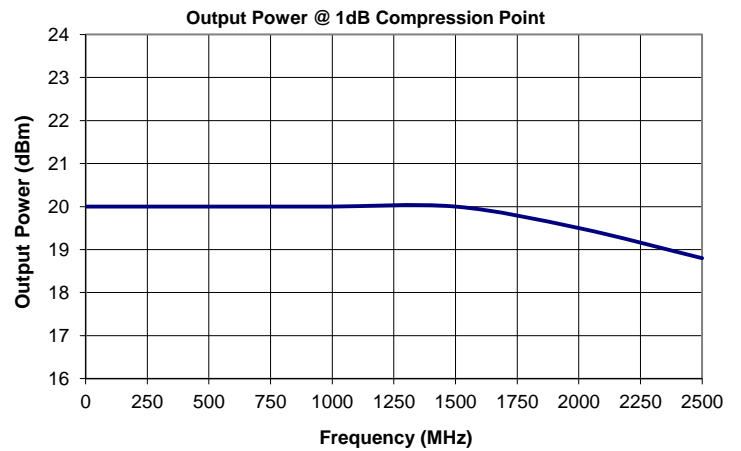
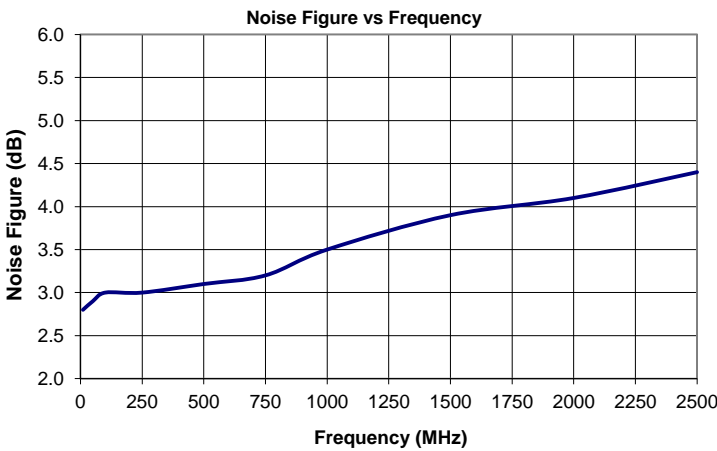
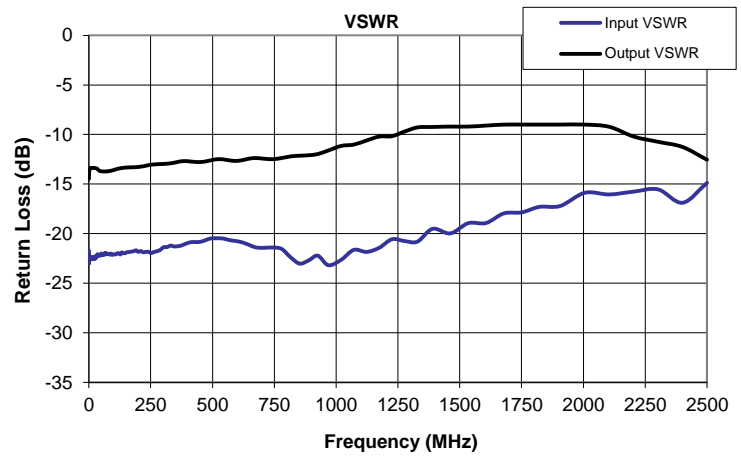
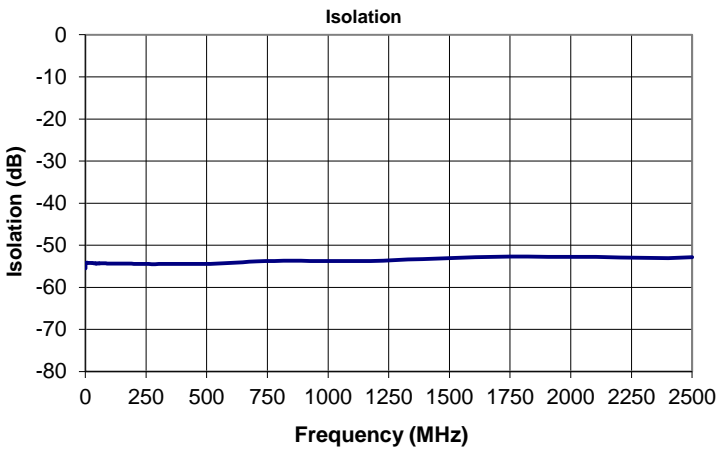
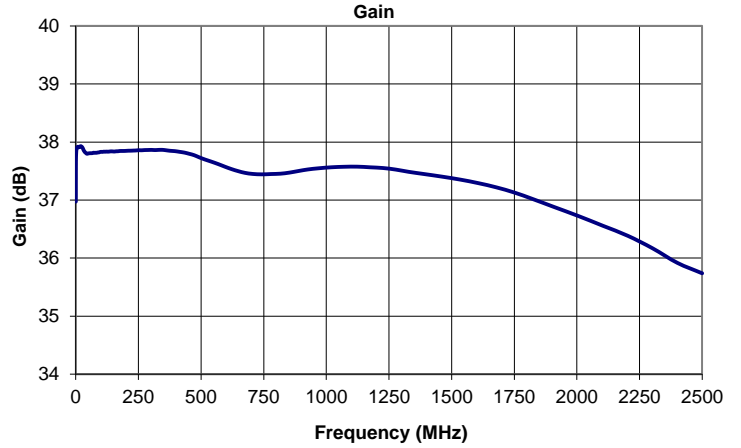


AM-1610 Series

Features

- 3-Year Warranty
- Very Broad Bandwidth
- Internally regulated to +8V
- Reverse voltage protected
- Input Limiter Protected



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

AM-1610 Series

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
0.30	37.0	-55.5	-21.7	-14.5	242.5
0.32	37.0	-55.3	-22.0	-14.5	229.2
0.33	37.1	-55.2	-22.1	-14.4	213.5
0.35	37.1	-55.2	-22.1	-14.4	204.0
0.36	37.2	-55.1	-22.4	-14.4	191.9
0.38	37.2	-55.0	-22.2	-14.4	180.1
0.39	37.3	-55.0	-22.2	-14.3	167.8
0.41	37.3	-55.0	-22.3	-14.3	155.1
0.43	37.4	-54.9	-22.1	-14.2	139.9
0.45	37.4	-54.9	-22.2	-14.2	135.8
0.48	37.4	-54.8	-22.2	-14.2	116.1
0.50	37.5	-54.8	-22.3	-14.2	112.9
0.52	37.5	-54.7	-22.1	-14.1	103.5
0.54	37.5	-54.7	-22.5	-14.1	93.2
0.56	37.5	-54.6	-22.5	-14.1	86.4
0.59	37.6	-54.6	-22.4	-14.1	77.7
0.62	37.6	-54.6	-22.5	-14.0	73.0
0.65	37.6	-54.5	-22.6	-14.0	67.7
0.68	37.6	-54.5	-22.4	-14.0	57.7
0.71	37.7	-54.5	-22.6	-14.0	56.7
0.74	37.7	-54.5	-22.4	-13.9	49.9
0.77	37.7	-54.5	-22.6	-13.9	47.7
0.81	37.7	-54.5	-23.0	-13.9	43.7
0.85	37.7	-54.4	-22.6	-13.9	37.9
0.89	37.7	-54.4	-22.6	-13.9	35.8
0.94	37.7	-54.4	-22.6	-13.8	33.7
0.98	37.7	-54.4	-22.5	-13.8	29.4
1.02	37.7	-54.4	-22.7	-13.8	29.8
1.06	37.8	-54.4	-22.7	-13.8	27.0
1.11	37.8	-54.4	-22.7	-13.8	24.8
1.17	37.8	-54.3	-22.6	-13.8	21.4
1.23	37.8	-54.3	-22.6	-13.8	19.9
1.28	37.8	-54.3	-22.7	-13.7	19.5
1.34	37.8	-54.3	-22.5	-13.7	16.8
1.40	37.8	-54.3	-22.5	-13.7	15.2
1.46	37.8	-54.3	-22.6	-13.7	15.1
1.52	37.8	-54.3	-22.6	-13.7	13.0
1.60	37.8	-54.3	-22.5	-13.7	10.4
1.68	37.8	-54.3	-22.7	-13.7	10.4
1.76	37.8	-54.3	-22.6	-13.7	9.7
1.84	37.8	-54.3	-22.6	-13.7	9.8
1.92	37.8	-54.3	-22.5	-13.7	8.3
2.00	37.8	-54.2	-22.5	-13.6	7.9
2.09	37.8	-54.3	-22.4	-13.6	6.7
2.20	37.9	-54.3	-22.4	-13.6	6.2
2.31	37.9	-54.2	-22.5	-13.6	6.7
2.41	37.9	-54.3	-22.5	-13.6	7.2
2.52	37.9	-54.3	-22.3	-13.6	5.7
2.63	37.9	-54.3	-22.4	-13.6	5.3
2.74	37.9	-54.3	-22.5	-13.6	4.7
2.87	37.9	-54.3	-22.3	-13.6	4.5
3.01	37.9	-54.3	-22.4	-13.6	4.4
3.16	37.9	-54.3	-22.5	-13.5	4.4
3.31	37.9	-54.2	-22.4	-13.5	4.0
3.46	37.9	-54.2	-22.4	-13.5	3.7
3.61	37.9	-54.2	-22.5	-13.5	3.0
3.76	37.9	-54.2	-22.5	-13.5	3.1
3.93	37.9	-54.2	-22.6	-13.5	2.8
4.14	37.9	-54.2	-22.6	-13.5	2.9

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
4.35	37.9	-54.2	-22.5	-13.5	2.8
4.56	37.9	-54.2	-22.6	-13.5	2.3
4.77	37.9	-54.2	-22.4	-13.4	2.4
4.98	37.9	-54.2	-22.5	-13.4	2.1
5.18	37.9	-54.2	-22.5	-13.4	1.9
5.39	37.9	-54.2	-22.4	-13.4	1.8
5.64	37.9	-54.2	-22.4	-13.4	1.9
5.93	37.9	-54.2	-22.5	-13.4	1.9
6.23	37.9	-54.1	-22.4	-13.4	1.8
6.52	37.9	-54.2	-22.4	-13.4	1.5
6.81	37.9	-54.1	-22.5	-13.4	1.7
7.10	37.9	-54.1	-22.5	-13.4	1.6
7.40	37.9	-54.2	-22.4	-13.4	1.7
7.74	37.9	-54.2	-22.4	-13.4	1.5
8.14	37.9	-54.2	-22.5	-13.4	1.7
8.54	37.9	-54.2	-22.4	-13.4	1.6
8.94	37.9	-54.2	-22.5	-13.4	1.5
9.34	37.9	-54.2	-22.5	-13.4	1.4
9.74	37.9	-54.2	-22.4	-13.4	1.6
10.1	37.9	-54.2	-22.4	-13.4	1.6
10.6	37.9	-54.2	-22.5	-13.4	1.3
11.2	37.9	-54.2	-22.4	-13.4	1.3
11.7	37.9	-54.2	-22.5	-13.4	1.2
12.3	37.9	-54.2	-22.4	-13.4	1.1
12.8	37.9	-54.2	-22.4	-13.4	1.1
13.4	37.9	-54.2	-22.4	-13.4	1.0
13.9	37.9	-54.2	-22.5	-13.4	1.0
14.6	37.9	-54.2	-22.5	-13.4	1.0
15.3	37.9	-54.2	-22.5	-13.4	0.9
16.1	37.9	-54.2	-22.4	-13.4	1.0
16.8	37.9	-54.2	-22.5	-13.4	0.9
17.6	37.9	-54.2	-22.5	-13.4	0.9
18.3	37.9	-54.2	-22.5	-13.4	1.0
19.1	37.9	-54.2	-22.5	-13.4	1.0
20.0	37.9	-54.2	-22.4	-13.4	1.0
21.0	37.9	-54.2	-22.3	-13.4	1.0
22.1	37.9	-54.2	-22.4	-13.4	0.8
23.1	37.9	-54.2	-22.4	-13.4	0.9
24.2	37.9	-54.2	-22.6	-13.4	1.0
25.3	37.9	-54.2	-22.3	-13.4	1.0
26.3	37.9	-54.2	-22.3	-13.4	1.0
27.4	37.9	-54.2	-22.3	-13.4	0.9
28.7	37.9	-54.2	-22.4	-13.4	0.8
30.1	37.9	-54.2	-22.3	-13.4	0.9
31.6	37.9	-54.3	-22.3	-13.4	0.8
33.1	37.8	-54.3	-22.2	-13.4	0.9
34.6	37.8	-54.3	-22.1	-13.5	0.9
36.1	37.8	-54.3	-22.3	-13.5	0.8
37.6	37.8	-54.3	-22.1	-13.6	0.8
39.3	37.8	-54.3	-22.1	-13.6	0.8
41.3	37.8	-54.3	-22.1	-13.6	0.7
43.4	37.8	-54.3	-22.1	-13.7	0.8
45.4	37.8	-54.3	-22.2	-13.7	0.8
47.4	37.8	-54.3	-22.1	-13.7	0.8
49.5	37.8	-54.3	-22.1	-13.7	0.8
51.5	37.8	-54.3	-22.0	-13.7	0.8
53.9	37.8	-54.3	-22.1	-13.7	0.8
56.7	37.8	-54.3	-22.1	-13.7	0.8
59.5	37.8	-54.3	-22.1	-13.7	0.8

AM-1610 Series

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
62.3	37.8	-54.3	-22.1	-13.7	0.8
65.1	37.8	-54.3	-21.9	-13.7	0.8
67.9	37.8	-54.3	-22.1	-13.7	0.8
70.7	37.8	-54.3	-22.0	-13.7	0.8
73.9	37.8	-54.3	-22.1	-13.7	0.8
77.8	37.8	-54.3	-22.0	-13.7	0.8
81.6	37.8	-54.3	-22.0	-13.7	0.9
85.4	37.8	-54.3	-22.1	-13.7	0.8
89.3	37.8	-54.3	-22.0	-13.7	0.8
93.1	37.8	-54.4	-22.1	-13.6	0.8
96.9	37.8	-54.4	-22.1	-13.6	0.8
101	37.8	-54.4	-22.1	-13.6	0.8
107	37.8	-54.4	-22.1	-13.5	0.8
112	37.8	-54.4	-22.0	-13.5	0.8
117	37.8	-54.4	-21.9	-13.5	0.8
122	37.8	-54.4	-22.0	-13.4	0.8
128	37.8	-54.4	-22.1	-13.4	0.8
133	37.8	-54.4	-21.9	-13.4	0.8
139	37.8	-54.4	-22.0	-13.4	0.8
146	37.8	-54.4	-22.0	-13.3	0.8
154	37.8	-54.4	-21.9	-13.3	0.8
161	37.8	-54.4	-21.9	-13.3	0.8
169	37.8	-54.4	-21.8	-13.3	0.8
176	37.8	-54.4	-21.8	-13.3	0.8
183	37.8	-54.4	-21.8	-13.3	0.8
191	37.8	-54.4	-21.7	-13.3	0.8
200	37.8	-54.4	-21.8	-13.3	0.8
210	37.8	-54.4	-21.8	-13.2	0.8
220	37.9	-54.4	-21.9	-13.2	0.8
231	37.9	-54.4	-21.8	-13.1	0.8
241	37.9	-54.4	-21.8	-13.1	0.8
251	37.9	-54.5	-22.0	-13.0	0.8
262	37.9	-54.5	-21.9	-13.0	0.8
274	37.9	-54.5	-21.8	-13.0	0.8
288	37.9	-54.5	-21.6	-13.0	0.8
302	37.9	-54.5	-21.4	-13.0	0.8
316	37.9	-54.5	-21.4	-12.9	0.8
331	37.9	-54.5	-21.2	-12.9	0.8
345	37.9	-54.5	-21.3	-12.8	0.8
359	37.9	-54.5	-21.3	-12.8	0.8
375	37.8	-54.5	-21.2	-12.7	0.9
395	37.8	-54.4	-21.0	-12.7	0.8
414	37.8	-54.4	-20.8	-12.7	0.9
434	37.8	-54.5	-20.8	-12.8	0.8
453	37.8	-54.5	-20.8	-12.8	0.9
473	37.8	-54.4	-20.6	-12.7	0.8
492	37.7	-54.4	-20.5	-12.6	0.8
515	37.7	-54.4	-20.5	-12.5	0.8
542	37.7	-54.4	-20.5	-12.5	0.8
568	37.6	-54.3	-20.6	-12.6	0.8
595	37.6	-54.2	-20.7	-12.7	0.8
622	37.5	-54.1	-20.9	-12.6	0.8
648	37.5	-54.0	-21.1	-12.4	0.8
675	37.5	-53.9	-21.4	-12.4	0.8
706	37.4	-53.9	-21.4	-12.4	0.8
743	37.4	-53.8	-21.4	-12.5	0.8
780	37.4	-53.7	-21.5	-12.4	0.8
816	37.5	-53.7	-22.4	-12.2	0.8
853	37.5	-53.7	-23.0	-12.1	0.8

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
889	37.5	-53.7	-22.7	-12.1	0.8
926	37.5	-53.7	-22.2	-12.0	0.8
969	37.5	-53.8	-23.2	-11.6	0.8
1020	37.6	-53.8	-22.6	-11.2	0.8
1072	37.6	-53.8	-21.6	-11.0	0.8
1123	37.6	-53.8	-21.8	-10.6	0.8
1175	37.6	-53.7	-21.4	-10.2	0.8
1226	37.6	-53.7	-20.6	-10.2	0.8
1277	37.5	-53.5	-20.7	-9.7	0.8
1329	37.5	-53.4	-20.8	-9.3	0.8
1390	37.4	-53.3	-19.5	-9.2	0.9
1462	37.4	-53.1	-20.0	-9.2	0.9
1534	37.4	-53.0	-18.9	-9.2	0.9
1606	37.3	-52.9	-18.9	-9.1	0.9
1679	37.2	-52.8	-18.0	-9.0	0.9
1751	37.1	-52.7	-17.9	-9.0	0.9
1823	37.0	-52.7	-17.3	-9.0	0.9
1907	36.9	-52.7	-17.2	-9.0	0.9
2006	36.7	-52.8	-15.9	-9.0	0.9
2105	36.6	-52.8	-16.0	-9.2	0.9
2203	36.4	-52.9	-15.8	-10.2	0.9
2302	36.2	-53.0	-15.5	-10.7	0.9
2401	35.9	-53.0	-16.9	-11.3	0.9
2500	35.7	-52.8	-14.9	-12.5	0.9