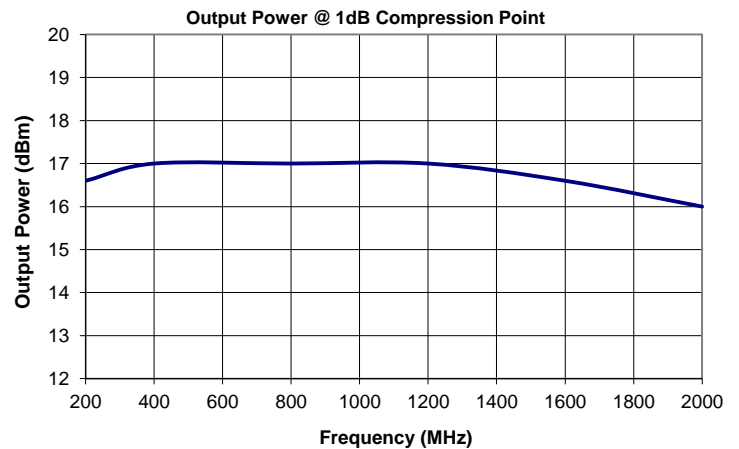
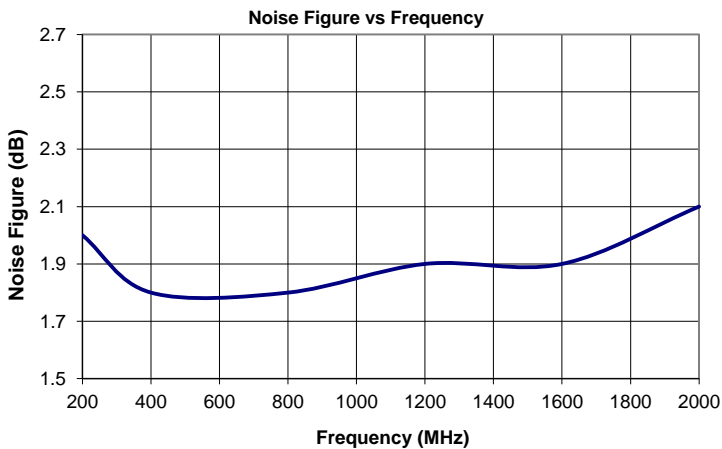
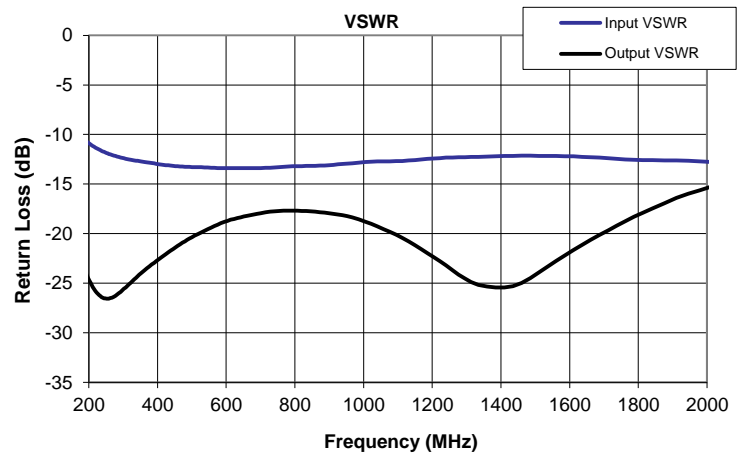
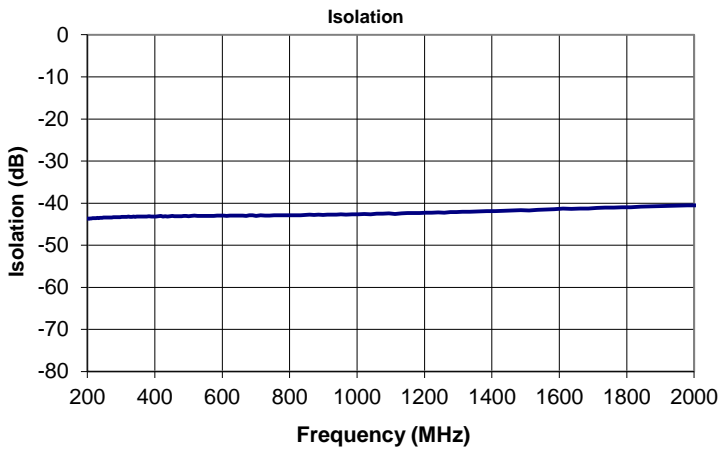
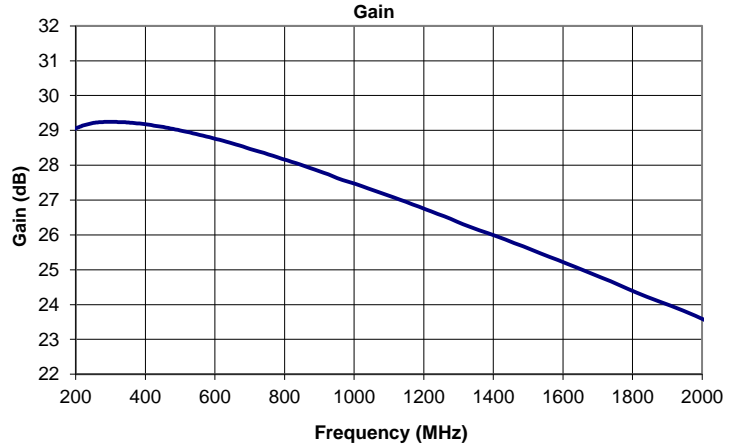


AM-1645

Features

- 3-Year Warranty
- Low Noise Figure
- Medium Power
- Internally regulated to +8V
- Reverse voltage protected

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-1645

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
100.0	27.4	-45.8	-6.1	-12.8	2.7
101.9	27.5	-45.7	-6.2	-13.1	2.7
103.8	27.5	-45.6	-6.4	-13.4	2.7
105.6	27.6	-45.5	-6.5	-13.6	2.6
107.5	27.7	-45.5	-6.6	-13.9	2.6
109.4	27.7	-45.4	-6.8	-14.2	2.5
111.3	27.8	-45.4	-6.9	-14.5	2.5
113.2	27.9	-45.2	-7.1	-14.8	2.4
115.1	27.9	-45.2	-7.2	-15.0	2.4
116.9	28.0	-45.1	-7.3	-15.3	2.3
118.8	28.0	-45.1	-7.4	-15.6	2.3
120.7	28.1	-45.0	-7.6	-15.8	2.3
122.6	28.1	-44.9	-7.7	-16.1	2.2
124.5	28.2	-44.8	-7.8	-16.4	2.2
126.4	28.2	-44.8	-7.9	-16.6	2.2
128.2	28.3	-44.8	-8.0	-16.9	2.1
130.1	28.3	-44.7	-8.1	-17.1	2.1
132.0	28.4	-44.6	-8.2	-17.4	2.1
133.9	28.4	-44.5	-8.3	-17.6	2.0
135.8	28.4	-44.5	-8.5	-17.9	2.0
138.0	28.5	-44.5	-8.6	-18.2	2.0
140.6	28.5	-44.5	-8.7	-18.5	1.9
143.2	28.5	-44.3	-8.8	-18.8	1.9
145.8	28.6	-44.3	-9.0	-19.2	1.8
148.4	28.6	-44.3	-9.1	-19.5	1.8
151.0	28.7	-44.3	-9.2	-19.8	1.8
153.6	28.7	-44.2	-9.3	-20.1	1.8
156.2	28.7	-44.2	-9.4	-20.4	1.7
158.8	28.7	-44.1	-9.6	-20.7	1.7
161.4	28.8	-44.1	-9.6	-21.0	1.7
163.9	28.8	-44.0	-9.8	-21.3	1.7
166.5	28.8	-44.1	-9.8	-21.5	1.6
169.1	28.9	-44.0	-9.9	-21.8	1.6
171.7	28.9	-44.0	-10.0	-22.1	1.6
174.3	28.9	-44.0	-10.1	-22.4	1.6
176.9	28.9	-43.9	-10.2	-22.6	1.5
179.5	28.9	-43.8	-10.3	-22.9	1.5
182.1	29.0	-44.0	-10.4	-23.1	1.5
184.7	29.0	-43.9	-10.4	-23.4	1.5
187.3	29.0	-43.8	-10.5	-23.6	1.5
190.4	29.0	-43.7	-10.6	-23.9	1.5
193.9	29.0	-43.7	-10.7	-24.2	1.4
197.5	29.0	-43.7	-10.8	-24.5	1.4
201.1	29.1	-43.7	-10.9	-24.7	1.4
204.7	29.1	-43.7	-11.0	-24.9	1.4
208.3	29.1	-43.6	-11.1	-25.2	1.4
211.9	29.1	-43.6	-11.2	-25.4	1.3
215.5	29.1	-43.6	-11.2	-25.6	1.3
219.0	29.1	-43.6	-11.3	-25.8	1.3
222.6	29.1	-43.6	-11.4	-25.9	1.3
226.2	29.2	-43.6	-11.5	-26.1	1.3
229.8	29.2	-43.5	-11.5	-26.2	1.3
233.4	29.2	-43.5	-11.6	-26.3	1.3

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
237.0	29.2	-43.5	-11.6	-26.4	1.2
240.5	29.2	-43.5	-11.7	-26.5	1.2
244.1	29.2	-43.5	-11.8	-26.5	1.2
247.7	29.2	-43.4	-11.8	-26.5	1.2
251.3	29.2	-43.4	-11.9	-26.6	1.2
254.9	29.2	-43.4	-11.9	-26.6	1.2
258.5	29.2	-43.4	-12.0	-26.5	1.2
262.7	29.2	-43.4	-12.0	-26.5	1.2
267.6	29.2	-43.4	-12.1	-26.4	1.2
272.5	29.2	-43.4	-12.1	-26.4	1.2
277.5	29.2	-43.4	-12.2	-26.3	1.1
282.4	29.2	-43.3	-12.2	-26.1	1.1
287.4	29.2	-43.3	-12.3	-26.0	1.1
292.3	29.2	-43.3	-12.3	-25.9	1.1
297.3	29.2	-43.3	-12.4	-25.7	1.1
302.2	29.2	-43.3	-12.4	-25.6	1.1
307.2	29.2	-43.3	-12.4	-25.4	1.1
312.1	29.2	-43.3	-12.5	-25.3	1.1
317.0	29.2	-43.3	-12.5	-25.1	1.1
322.0	29.2	-43.2	-12.5	-24.9	1.1
326.9	29.2	-43.2	-12.6	-24.8	1.1
331.9	29.2	-43.3	-12.6	-24.6	1.1
336.8	29.2	-43.2	-12.6	-24.5	1.0
341.8	29.2	-43.3	-12.7	-24.3	1.0
346.7	29.2	-43.2	-12.7	-24.1	1.0
351.7	29.2	-43.2	-12.7	-24.0	1.0
356.6	29.2	-43.2	-12.7	-23.8	1.0
362.4	29.2	-43.2	-12.8	-23.7	1.0
369.3	29.2	-43.2	-12.8	-23.5	1.0
376.2	29.2	-43.2	-12.8	-23.3	1.0
383.0	29.2	-43.1	-12.9	-23.1	1.0
389.9	29.2	-43.2	-12.9	-22.9	1.0
396.8	29.2	-43.2	-13.0	-22.8	1.0
403.7	29.2	-43.2	-13.0	-22.6	1.0
410.6	29.2	-43.1	-13.0	-22.4	1.0
417.4	29.2	-43.1	-13.1	-22.2	1.0
424.3	29.1	-43.2	-13.1	-22.1	1.0
431.2	29.1	-43.1	-13.1	-21.9	1.0
438.1	29.1	-43.2	-13.1	-21.7	1.0
445.0	29.1	-43.1	-13.2	-21.5	1.0
451.8	29.1	-43.0	-13.2	-21.4	1.0
458.7	29.1	-43.1	-13.2	-21.2	1.0
465.6	29.1	-43.1	-13.2	-21.1	0.9
472.5	29.1	-43.1	-13.2	-20.9	0.9
479.4	29.0	-43.1	-13.2	-20.8	0.9
486.2	29.0	-43.1	-13.3	-20.6	0.9
493.1	29.0	-43.0	-13.3	-20.5	0.9
500.0	29.0	-43.1	-13.3	-20.3	0.9
508.1	29.0	-43.1	-13.3	-20.2	0.9
517.7	29.0	-43.0	-13.3	-20.0	0.9
527.2	28.9	-43.0	-13.3	-19.9	0.9
536.8	28.9	-43.0	-13.3	-19.7	0.9
546.4	28.9	-43.0	-13.3	-19.5	0.9

AM-1645

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
555.9	28.9	-43.0	-13.4	-19.4	0.9
565.5	28.9	-43.0	-13.4	-19.2	0.9
575.1	28.8	-43.0	-13.4	-19.1	0.9
584.6	28.8	-43.0	-13.4	-18.9	0.9
594.2	28.8	-43.0	-13.4	-18.8	0.9
603.8	28.8	-43.0	-13.4	-18.7	0.9
613.3	28.7	-43.0	-13.4	-18.6	0.9
622.9	28.7	-43.0	-13.4	-18.5	0.9
632.5	28.7	-43.0	-13.4	-18.4	0.9
642.0	28.7	-43.0	-13.4	-18.3	0.9
651.6	28.6	-43.0	-13.4	-18.3	0.9
661.2	28.6	-42.9	-13.4	-18.2	0.9
670.7	28.6	-43.0	-13.4	-18.1	0.9
680.3	28.5	-42.9	-13.4	-18.1	0.9
689.9	28.5	-42.9	-13.4	-18.0	0.9
701.1	28.5	-43.0	-13.4	-17.9	0.9
714.3	28.4	-42.9	-13.4	-17.9	0.9
727.5	28.4	-42.9	-13.3	-17.8	0.9
740.7	28.4	-43.0	-13.3	-17.7	0.9
753.9	28.3	-42.9	-13.3	-17.7	0.9
767.0	28.3	-42.9	-13.3	-17.7	0.9
780.2	28.2	-42.9	-13.2	-17.7	0.9
793.4	28.2	-42.9	-13.2	-17.7	0.9
806.6	28.1	-42.9	-13.2	-17.7	0.9
819.8	28.1	-42.9	-13.2	-17.7	0.9
833.0	28.1	-42.9	-13.2	-17.7	0.9
846.2	28.0	-42.8	-13.2	-17.7	0.9
859.4	28.0	-42.8	-13.2	-17.8	0.9
872.6	27.9	-42.8	-13.1	-17.8	0.8
885.8	27.9	-42.8	-13.1	-17.9	0.8
899.0	27.8	-42.8	-13.1	-17.9	0.8
912.2	27.8	-42.7	-13.1	-18.0	0.8
925.4	27.7	-42.8	-13.0	-18.1	0.8
938.6	27.7	-42.7	-13.0	-18.1	0.8
951.8	27.6	-42.7	-12.9	-18.2	0.8
967.3	27.6	-42.7	-12.9	-18.4	0.8
985.5	27.5	-42.6	-12.8	-18.6	0.8
1003.7	27.5	-42.7	-12.8	-18.8	0.8
1021.9	27.4	-42.6	-12.7	-19.0	0.8
1040.1	27.3	-42.6	-12.7	-19.3	0.8
1058.3	27.3	-42.5	-12.7	-19.5	0.8
1076.5	27.2	-42.5	-12.7	-19.8	0.8
1094.7	27.1	-42.4	-12.7	-20.1	0.8
1113.0	27.1	-42.5	-12.7	-20.4	0.8
1131.2	27.0	-42.4	-12.6	-20.8	0.8
1149.4	26.9	-42.4	-12.6	-21.2	0.8
1167.6	26.9	-42.3	-12.5	-21.6	0.8
1185.8	26.8	-42.3	-12.5	-22.0	0.8
1204.0	26.7	-42.3	-12.4	-22.4	0.8
1222.2	26.7	-42.2	-12.4	-22.8	0.8
1240.4	26.6	-42.2	-12.3	-23.2	0.8
1258.6	26.5	-42.3	-12.3	-23.7	0.8
1276.8	26.5	-42.1	-12.3	-24.1	0.8

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
1295.1	26.4	-42.1	-12.3	-24.5	0.8
1313.3	26.3	-42.0	-12.3	-24.9	0.8
1334.6	26.2	-42.0	-12.2	-25.2	0.8
1359.7	26.1	-41.9	-12.2	-25.3	0.8
1384.8	26.0	-41.9	-12.2	-25.4	0.8
1409.9	26.0	-41.9	-12.2	-25.4	0.8
1435.1	25.9	-41.8	-12.1	-25.3	0.8
1460.2	25.8	-41.8	-12.1	-25.0	0.8
1485.3	25.7	-41.7	-12.1	-24.5	0.8
1510.4	25.6	-41.7	-12.2	-23.9	0.8
1535.6	25.5	-41.6	-12.2	-23.3	0.8
1560.7	25.4	-41.5	-12.2	-22.7	0.8
1585.8	25.3	-41.4	-12.2	-22.2	0.8
1610.9	25.2	-41.3	-12.2	-21.7	0.8
1636.1	25.1	-41.3	-12.2	-21.1	0.8
1661.2	25.0	-41.3	-12.3	-20.6	0.8
1686.3	24.9	-41.3	-12.3	-20.1	0.8
1711.4	24.8	-41.1	-12.4	-19.7	0.8
1736.6	24.7	-41.1	-12.5	-19.2	0.8
1761.7	24.6	-41.0	-12.5	-18.7	0.8
1786.8	24.5	-41.0	-12.6	-18.3	0.8
1811.9	24.3	-41.0	-12.6	-17.9	0.8
1841.3	24.2	-40.8	-12.6	-17.5	0.8
1876.0	24.1	-40.8	-12.6	-16.9	0.8
1910.7	24.0	-40.7	-12.6	-16.4	0.8
1945.3	23.8	-40.6	-12.6	-16.0	0.8
1980.0	23.7	-40.5	-12.7	-15.6	0.8
2014.7	23.5	-40.5	-12.8	-15.2	0.8
2049.3	23.4	-40.4	-12.8	-14.9	0.8
2084.0	23.2	-40.3	-12.9	-14.6	0.8
2118.7	22.9	-40.3	-13.0	-14.3	0.8
2153.3	22.6	-40.3	-13.1	-14.0	0.8
2188.0	22.3	-40.2	-13.4	-13.8	0.8
2222.7	22.1	-40.3	-13.7	-13.7	0.8
2257.3	21.9	-40.6	-13.8	-13.8	0.8
2292.0	21.7	-41.1	-12.7	-13.4	0.8
2326.7	21.5	-40.9	-11.5	-12.3	0.8
2361.3	21.3	-40.6	-11.4	-11.7	0.8
2396.0	21.1	-40.4	-11.6	-11.3	0.7
2430.7	21.1	-40.3	-11.7	-10.9	0.8
2465.3	21.0	-40.4	-11.8	-10.6	0.8
2500.0	20.7	-40.3	-12.0	-10.3	0.8