

Typical Performance Curves (per Switch)

FREQUENCY (MHz)	INSERTION LOSS ON (dB)		ISOLATION OFF (dB)		VSWR (IN) (:1)		VSWR (J2) (:1)		VSWR (J1) (:1)	
	IN-J1	IN-J2	IN-J1	IN-J2	DE-ENERGIZED	ENERGIZED	DE-ENERGIZED	ENERGIZED	DE-ENERGIZED	ENERGIZED
100	0.03	0.02	101.07	101.45	1.01	1.00	1.01	1.01	1.01	1.01
200	0.04	0.03	105.94	106.75	1.01	1.01	1.01	1.01	1.01	1.01
300	0.04	0.04	105.50	105.73	1.02	1.01	1.01	1.01	1.01	1.01
400	0.05	0.04	110.32	103.71	1.02	1.02	1.02	1.02	1.01	1.02
500	0.05	0.05	101.86	112.37	1.02	1.02	1.02	1.02	1.02	1.02
600	0.06	0.05	110.11	103.41	1.02	1.02	1.02	1.02	1.02	1.02
700	0.06	0.05	109.60	110.19	1.03	1.03	1.02	1.02	1.02	1.02
800	0.06	0.06	110.28	111.26	1.03	1.03	1.02	1.03	1.02	1.03
900	0.07	0.06	107.28	110.44	1.03	1.03	1.03	1.03	1.02	1.03
1000	0.07	0.06	101.54	108.83	1.03	1.04	1.03	1.03	1.03	1.03
1500	0.08	0.08	104.96	103.37	1.05	1.05	1.04	1.04	1.04	1.04
2000	0.10	0.09	104.68	101.84	1.05	1.06	1.05	1.05	1.05	1.05
2500	0.11	0.10	108.98	112.50	1.06	1.07	1.07	1.06	1.06	1.06
3000	0.12	0.11	98.60	102.08	1.07	1.08	1.08	1.07	1.08	1.06
3500	0.13	0.12	105.42	103.95	1.08	1.09	1.10	1.08	1.09	1.08
4000	0.13	0.13	107.89	100.01	1.09	1.11	1.11	1.09	1.11	1.09
4500	0.14	0.13	98.86	98.96	1.11	1.12	1.12	1.10	1.12	1.10
5000	0.14	0.13	99.65	97.85	1.13	1.14	1.13	1.12	1.13	1.11
5500	0.15	0.14	99.92	98.77	1.14	1.16	1.13	1.13	1.14	1.13
6000	0.16	0.15	103.35	105.41	1.15	1.17	1.13	1.13	1.13	1.13
6500	0.17	0.16	95.51	96.14	1.15	1.17	1.11	1.13	1.12	1.13
7000	0.18	0.17	100.11	99.75	1.15	1.16	1.10	1.12	1.11	1.13
7500	0.18	0.17	100.00	102.99	1.14	1.15	1.08	1.11	1.09	1.11
8000	0.19	0.17	92.85	101.05	1.12	1.12	1.07	1.09	1.08	1.10
8500	0.19	0.18	97.30	104.28	1.10	1.10	1.06	1.08	1.06	1.08
9000	0.19	0.18	95.75	92.76	1.08	1.08	1.06	1.08	1.04	1.07
9500	0.19	0.18	93.67	92.50	1.06	1.06	1.06	1.07	1.03	1.06
10000	0.20	0.19	96.31	94.29	1.05	1.05	1.06	1.07	1.03	1.07
11000	0.22	0.20	90.71	97.21	1.06	1.06	1.09	1.08	1.04	1.09
12000	0.24	0.23	94.19	94.70	1.09	1.08	1.14	1.09	1.08	1.12
13000	0.25	0.23	88.43	91.54	1.12	1.11	1.18	1.09	1.15	1.14
14000	0.27	0.25	86.97	87.67	1.14	1.13	1.23	1.09	1.21	1.14
15000	0.27	0.26	85.46	83.46	1.14	1.12	1.24	1.06	1.23	1.10
16000	0.29	0.28	85.28	84.37	1.11	1.08	1.23	1.04	1.24	1.08
17000	0.30	0.29	81.39	81.69	1.09	1.05	1.23	1.04	1.24	1.06
18000	0.32	0.31	79.13	78.52	1.09	1.06	1.27	1.06	1.28	1.08
19000	0.34	0.33	79.03	78.06	1.12	1.11	1.28	1.13	1.33	1.13
20000	0.37	0.35	76.54	76.74	1.19	1.18	1.20	1.19	1.33	1.19
21000	0.41	0.39	74.94	76.63	1.27	1.25	1.09	1.20	1.25	1.24
22000	0.41	0.38	73.35	72.90	1.28	1.24	1.06	1.19	1.12	1.22
23000	0.40	0.40	71.22	70.53	1.18	1.13	1.16	1.09	1.11	1.13
24000	0.42	0.41	67.25	67.23	1.04	1.03	1.23	1.04	1.17	1.07
25000	0.41	0.43	66.80	65.77	1.04	1.10	1.23	1.00	1.13	1.04
26000	0.47	0.49	64.64	64.94	1.07	1.12	1.29	1.08	1.16	1.08
26500	0.52	0.55	64.92	64.81	1.19	1.22	1.40	1.17	1.33	1.21



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



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