

Typical Performance Data per Switch

FREQUENCY (MHz)	INSERTION LOSS (ON)				ISOLATION (OFF)				VSWR (ENERGIZED)				VSWR (DE-ENERGIZED)			
	(dB)				(dB)				(:1)				(:1)			
	J1-J2	J1-J3	J2-J4	J3-J4	J1-J2	J1-J3	J2-J4	J3-J4	J1	J2	J3	J4	J1	J2	J3	J4
10	0.00	0.00	0.01	0.00	80.88	81.30	85.73	76.51	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
20	0.01	0.00	0.01	0.01	88.94	82.30	81.35	81.09	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
30	0.01	0.01	0.01	0.01	104.22	88.16	88.44	89.46	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
40	0.01	0.01	0.01	0.01	88.02	91.41	98.21	88.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
50	0.01	0.01	0.01	0.01	91.91	102.76	90.31	95.30	1.00	1.00	1.00	1.01	1.01	1.01	1.00	1.01
60	0.01	0.01	0.01	0.01	89.75	92.36	88.90	86.27	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
70	0.01	0.01	0.01	0.01	95.32	108.60	89.95	93.98	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
80	0.01	0.01	0.01	0.01	95.84	93.67	106.91	106.15	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
90	0.01	0.01	0.01	0.01	104.03	93.87	97.96	97.73	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
100	0.01	0.01	0.02	0.01	93.43	105.39	106.56	100.11	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
500	0.04	0.04	0.04	0.04	96.70	103.58	98.26	101.83	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
1000	0.06	0.06	0.06	0.06	101.31	105.92	111.79	97.51	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
1500	0.07	0.07	0.07	0.07	103.60	103.37	100.12	114.80	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.06
2000	0.07	0.07	0.07	0.07	105.33	97.94	101.11	95.54	1.06	1.06	1.05	1.06	1.06	1.06	1.06	1.06
2500	0.08	0.08	0.08	0.08	100.78	100.78	98.86	115.93	1.06	1.05	1.05	1.06	1.06	1.06	1.06	1.06
3000	0.08	0.08	0.08	0.08	106.50	112.35	102.35	100.24	1.05	1.05	1.05	1.05	1.06	1.05	1.06	1.06
3500	0.09	0.09	0.09	0.09	94.71	98.73	102.45	94.36	1.05	1.04	1.04	1.04	1.05	1.05	1.05	1.05
4000	0.09	0.09	0.09	0.09	100.17	103.29	110.74	94.02	1.04	1.03	1.04	1.03	1.05	1.04	1.04	1.04
4500	0.09	0.09	0.10	0.09	98.20	105.92	101.69	100.14	1.03	1.03	1.03	1.03	1.04	1.04	1.03	1.03
5000	0.10	0.10	0.10	0.10	108.28	111.03	102.51	113.37	1.03	1.02	1.03	1.02	1.04	1.04	1.03	1.03
5500	0.10	0.10	0.10	0.10	102.91	101.72	111.91	98.14	1.03	1.02	1.03	1.02	1.04	1.04	1.03	1.03
6000	0.10	0.11	0.11	0.11	105.97	111.58	100.95	101.05	1.04	1.02	1.04	1.02	1.04	1.05	1.03	1.03
6500	0.11	0.11	0.11	0.11	105.41	106.30	103.83	106.24	1.05	1.03	1.05	1.03	1.05	1.05	1.04	1.04
7000	0.11	0.11	0.11	0.11	96.07	94.98	99.58	105.40	1.06	1.03	1.06	1.04	1.06	1.06	1.05	1.05
7500	0.12	0.12	0.12	0.12	97.27	99.53	96.53	98.91	1.08	1.04	1.08	1.05	1.07	1.07	1.07	1.06
8000	0.12	0.13	0.12	0.12	97.61	93.04	99.84	96.85	1.09	1.05	1.09	1.05	1.08	1.08	1.08	1.07
8500	0.13	0.13	0.13	0.13	93.32	99.63	104.53	102.45	1.10	1.06	1.11	1.06	1.09	1.09	1.08	1.08
9000	0.13	0.13	0.13	0.13	121.02	94.71	97.17	94.54	1.11	1.06	1.11	1.06	1.09	1.09	1.09	1.09
9500	0.13	0.14	0.13	0.13	102.42	93.58	99.41	97.65	1.10	1.05	1.11	1.06	1.09	1.08	1.08	1.08
10000	0.13	0.13	0.13	0.13	96.47	106.20	99.34	96.98	1.09	1.04	1.09	1.04	1.07	1.07	1.07	1.07
11000	0.13	0.13	0.14	0.13	95.96	103.21	100.94	94.48	1.04	1.00	1.04	1.01	1.02	1.03	1.02	1.02
12000	0.14	0.14	0.15	0.14	98.17	92.62	96.81	90.27	1.03	1.06	1.03	1.06	1.04	1.04	1.04	1.04
13000	0.15	0.15	0.16	0.15	102.45	102.74	100.75	97.10	1.08	1.10	1.08	1.10	1.10	1.10	1.09	1.09
14000	0.16	0.15	0.16	0.16	97.12	99.10	101.25	104.30	1.10	1.12	1.09	1.11	1.13	1.12	1.11	1.11
15000	0.16	0.15	0.16	0.16	99.85	95.91	92.00	93.03	1.07	1.09	1.06	1.08	1.11	1.10	1.08	1.08
16000	0.16	0.16	0.17	0.16	92.61	95.82	85.61	106.02	1.02	1.03	1.02	1.03	1.05	1.04	1.02	1.02
17000	0.17	0.17	0.18	0.17	92.72	92.14	88.96	87.52	1.06	1.05	1.07	1.07	1.02	1.02	1.06	1.06
18000	0.18	0.19	0.20	0.19	89.01	92.72	87.70	88.06	1.10	1.11	1.10	1.13	1.07	1.06	1.10	1.11
19000	0.18	0.19	0.20	0.19	90.09	90.68	86.05	91.01	1.11	1.13	1.10	1.15	1.09	1.07	1.12	1.13
20000	0.19	0.19	0.20	0.19	105.27	109.62	88.88	99.97	1.08	1.11	1.07	1.13	1.09	1.06	1.09	1.11
21000	0.19	0.19	0.20	0.19	99.13	87.92	97.96	91.62	1.04	1.07	1.02	1.08	1.09	1.07	1.05	1.06
22000	0.20	0.20	0.20	0.20	90.49	91.71	96.83	104.87	1.04	1.03	1.03	1.03	1.09	1.10	1.02	1.03
23000	0.22	0.21	0.21	0.21	85.54	89.46	85.90	86.84	1.06	1.04	1.06	1.03	1.11	1.13	1.05	1.05
24000	0.23	0.22	0.22	0.21	85.28	83.59	85.31	83.97	1.08	1.08	1.07	1.07	1.13	1.15	1.07	1.07
25000	0.24	0.22	0.23	0.23	89.23	84.19	84.24	93.61	1.08	1.12	1.08	1.11	1.14	1.16	1.09	1.10
26000	0.24	0.23	0.25	0.24	91.71	86.27	91.26	109.42	1.10	1.18	1.10	1.17	1.16	1.17	1.13	1.14
27000	0.26	0.25	0.28	0.26	109.75	83.26	98.76	95.22	1.13	1.24	1.13	1.23	1.18	1.19	1.17	1.17
28000	0.28	0.27	0.32	0.28	81.87	86.12	90.48	80.15	1.15	1.29	1.15	1.29	1.20	1.21	1.20	1.20
29000	0.28	0.27	0.33	0.29	89.36	84.58	81.86	89.43	1.15	1.30	1.14	1.30	1.20	1.20	1.20	1.20
30000	0.27	0.27	0.31	0.28	87.73	103.82	89.42	106.40	1.10	1.25	1.09	1.25	1.15	1.15	1.15	1.15
31000	0.27	0.28	0.29	0.28	82.27	92.55	84.87	86.81	1.07	1.16	1.02	1.17	1.10	1.06	1.07	1.06
32000	0.29	0.31	0.29	0.30	81.79	84.97	86.85	83.71	1.10	1.06	1.08	1.06	1.10	1.07	1.02	1.04
33000	0.32	0.34	0.32	0.33	71.73	69.73	69.89	71.58	1.10	1.01	1.12	1.01	1.12	1.13	1.07	1.08
34000	0.33	0.33	0.33	0.35	74.13	68.76	68.45	76.40	1.05	1.03	1.13	1.04	1.10	1.16	1.06	1.05
35000	0.35	0.37	0.37	0.34	64.55	67.65	68.61	58.79	1.15	1.10	1.20	1.11	1.17	1.22	1.08	1.06
36000	0.43	0.46	0.40	0.39	71.47	72.63	72.64	78.20	1.38	1.24	1.39	1.23	1.35	1.38	1.23	1.22
37000	0.54	0.58	0.45	0.45	77.97	79.45	75.45	71.94	1.57	1.36	1.56	1.35	1.55	1.56	1.36	1.36
38000	0.56	0.58	0.44	0.45	74.38	77.19	78.32	71.43	1.59	1.34	1.56	1.34	1.60	1.60	1.37	1.38
39000	0.44	0.44	0.37	0.37	76.51	77.98	73.59	77.86	1.35	1.15	1.32	1.16	1.42	1.42	1.18	1.20
40000	0.40	0.43	0.47	0.40	74.26	77.74	79.76	86.84	1.17	1.25	1.14	1.26	1.27	1.22	1.16	1.15