

Typical Performance Data

FREQ.  (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
1.0	0.09	0.11	0.13	35.36	34.52	33.80	35.42	34.62	33.93
5.0	0.11	0.13	0.15	29.35	28.95	28.60	29.18	28.81	28.47
10.0	0.14	0.16	0.18	26.59	26.35	26.11	26.37	26.14	25.92
14.0	0.16	0.18	0.20	27.67	27.56	27.43	27.34	27.25	27.11
20.0	0.19	0.21	0.24	40.42	42.21	43.58	38.98	40.24	41.08
21.0	0.20	0.22	0.25	51.35	54.15	51.24	45.85	46.87	46.33
22.0	0.20	0.23	0.25	46.16	42.22	40.22	44.97	41.65	39.82
23.0	0.21	0.24	0.26	38.48	36.39	35.12	38.42	36.30	35.01
24.0	0.22	0.25	0.27	34.53	32.99	31.99	34.54	32.96	31.94
25.0	0.23	0.26	0.28	32.07	30.77	29.89	31.86	30.55	29.69
26.0	0.24	0.27	0.30	30.30	29.16	28.36	30.02	28.87	28.09
27.0	0.25	0.28	0.30	29.04	28.00	27.24	28.68	27.64	26.92
28.0	0.25	0.29	0.31	28.21	27.22	26.50	27.75	26.78	26.09
29.0	0.26	0.30	0.32	27.69	26.74	26.04	27.06	26.15	25.49
30.0	0.27	0.30	0.33	27.48	26.56	25.87	26.68	25.81	25.17
32.0	0.29	0.32	0.35	28.01	27.13	26.44	26.73	25.92	25.34
34.0	0.30	0.34	0.37	30.23	29.34	28.63	27.83	27.12	26.61
36.0	0.32	0.36	0.39	35.48	34.78	34.09	29.82	29.36	29.07
38.0	0.35	0.39	0.43	37.19	38.35	39.41	30.69	30.77	30.95
40.0	0.39	0.43	0.47	29.68	29.62	29.57	28.32	28.39	28.45
41.0	0.41	0.45	0.50	27.40	27.16	26.96	26.93	26.86	26.79
42.0	0.43	0.48	0.52	25.85	25.49	25.21	25.78	25.61	25.42
43.0	0.45	0.51	0.56	24.83	24.40	24.06	25.13	24.86	24.59
44.0	0.48	0.53	0.58	24.42	23.91	23.53	24.90	24.56	24.22
45.0	0.50	0.56	0.61	24.55	23.97	23.55	25.31	24.89	24.48
46.0	0.52	0.58	0.64	25.37	24.70	24.24	26.54	26.05	25.56
47.0	0.55	0.61	0.67	26.96	26.19	25.71	29.09	28.50	27.90
48.0	0.58	0.64	0.71	29.12	28.34	27.95	33.74	33.30	32.62
49.0	0.62	0.69	0.76	29.96	29.66	29.74	35.89	37.81	39.74
50.0	0.68	0.75	0.83	28.06	28.23	28.67	30.28	31.24	32.33
51.0	0.75	0.83	0.91	26.34	26.56	26.98	27.28	27.79	28.35
52.0	0.83	0.92	1.01	27.23	27.41	27.85	27.63	28.01	28.43
53.0	0.95	1.04	1.16	32.29	31.29	30.43	30.53	30.13	29.27
54.0	1.17	1.29	1.44	19.78	19.33	18.75	19.33	18.96	18.41
55.0	1.80	1.98	2.19	11.13	10.92	10.64	10.99	10.79	10.52
56.0	3.41	3.67	3.98	5.85	5.76	5.65	5.77	5.69	5.59
57.0	6.34	6.69	7.09	3.00	3.01	3.01	2.95	2.96	2.97
59.0	14.39	14.81	15.27	1.18	1.25	1.32	1.14	1.22	1.29
60.0	18.60	19.03	19.50	0.93	1.01	1.08	0.90	0.99	1.06
62.0	26.83	27.27	27.76	0.73	0.81	0.87	0.71	0.79	0.85
65.0	38.94	39.41	39.94	0.61	0.68	0.73	0.59	0.66	0.72
70.0	60.65	60.95	61.73	0.51	0.56	0.61	0.50	0.56	0.60
71.0	64.67	65.14	66.58	0.49	0.55	0.59	0.48	0.54	0.58
75.0	70.93	70.67	71.49	0.44	0.49	0.52	0.43	0.48	0.52
80.0	66.44	66.16	66.93	0.39	0.43	0.46	0.38	0.43	0.46
85.0	64.92	64.86	65.54	0.34	0.39	0.42	0.34	0.39	0.42
90.0	65.66	65.76	66.19	0.31	0.35	0.38	0.31	0.35	0.38
95.0	67.68	67.47	68.06	0.28	0.32	0.35	0.29	0.32	0.35
200.0	95.12	91.44	88.45	0.09	0.11	0.13	0.09	0.12	0.13
400.0	97.43	91.63	91.25	0.05	0.09	0.11	0.06	0.10	0.11
500.0	87.18	87.02	86.37	0.06	0.10	0.12	0.07	0.11	0.13
600.0	87.18	84.99	84.25	0.07	0.12	0.14	0.08	0.13	0.15
800.0	80.65	83.79	85.08	0.10	0.16	0.19	0.12	0.18	0.20
1000.0	77.13	77.27	78.21	0.13	0.19	0.23	0.15	0.22	0.25
1200.0	79.56	79.15	78.20	0.16	0.23	0.26	0.18	0.26	0.29
1400.0	67.94	67.20	65.30	0.17	0.24	0.28	0.20	0.28	0.31
1500.0	67.19	66.47	66.67	0.18	0.25	0.29	0.20	0.29	0.32
1600.0	65.30	64.75	65.24	0.18	0.26	0.30	0.20	0.29	0.33
1800.0	58.11	57.64	58.54	0.18	0.26	0.31	0.19	0.29	0.34
2000.0	56.96	55.83	56.80	0.16	0.27	0.32	0.18	0.30	0.35
2500.0	44.45	44.55	46.03	0.70	0.47	0.49	0.48	0.62	0.57
3000.0	35.67	33.24	38.22	0.30	0.66	0.52	0.24	0.49	0.50
3100.0	32.40	31.63	36.20	0.37	0.79	0.56	0.26	0.54	0.52
3200.0	28.15	32.25	32.88	0.66	0.74	0.67	0.39	0.55	0.59
3300.0	25.13	34.68	30.52	1.11	0.67	0.82	0.57	0.54	0.67



*Typical Performance Data*

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1.0	15.03	14.95	14.99
2.0	15.41	15.34	15.39
3.0	15.57	15.54	15.57
4.0	15.75	15.74	15.77
5.0	15.81	15.82	15.85
6.0	15.86	15.88	15.91
7.0	15.91	15.94	15.96
8.0	15.97	15.99	16.01
9.0	16.01	16.05	16.07
10.0	16.09	16.11	16.14
11.0	16.16	16.19	16.21
12.0	16.24	16.27	16.30
13.0	16.33	16.36	16.39
14.0	16.44	16.47	16.50
15.0	16.57	16.60	16.63
16.0	16.69	16.72	16.76
17.0	16.83	16.85	16.89
18.0	16.97	17.00	17.03
19.0	17.13	17.17	17.20
20.0	17.30	17.33	17.37
21.0	17.47	17.51	17.54
22.0	17.66	17.70	17.73
23.0	17.86	17.89	17.93
24.0	18.07	18.11	18.14
25.0	18.31	18.34	18.38
26.0	18.56	18.60	18.63
27.0	18.81	18.85	18.89
28.0	19.11	19.15	19.18
29.0	19.43	19.47	19.51
30.0	19.77	19.82	19.87
31.0	20.15	20.20	20.25
32.0	20.55	20.60	20.66
33.0	20.99	21.04	21.10
34.0	21.47	21.53	21.60
35.0	21.99	22.06	22.12
36.0	22.55	22.63	22.69
37.0	23.14	23.23	23.31
38.0	23.80	23.88	23.97
39.0	24.50	24.59	24.67
40.0	25.25	25.35	25.44
41.0	26.09	26.18	26.28
42.0	27.01	27.11	27.22
43.0	28.05	28.15	28.26
44.0	29.24	29.35	29.47
45.0	30.61	30.73	30.87
46.0	32.18	32.32	32.48
47.0	34.01	34.18	34.37
48.0	36.17	36.36	36.57
49.0	38.66	38.90	39.17
50.0	41.71	42.01	42.34