

*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	72.37	72.45	72.80	0.00	0.00	0.00	0.00	0.00	0.00
2	67.06	67.04	66.96	0.00	0.00	0.00	0.01	0.00	0.01
4	62.67	62.67	62.70	0.01	0.00	0.00	0.01	0.01	0.01
6	62.52	62.55	62.60	0.01	0.01	0.01	0.03	0.03	0.04
8	67.28	67.07	67.21	0.02	0.02	0.02	0.05	0.06	0.07
10	77.13	77.07	76.74	0.03	0.03	0.03	0.09	0.10	0.11
12	62.66	62.71	62.85	0.04	0.04	0.05	0.13	0.15	0.16
14	60.42	60.55	60.51	0.06	0.06	0.07	0.18	0.21	0.22
16	67.20	67.48	67.81	0.08	0.09	0.09	0.24	0.27	0.29
18	63.59	63.24	63.12	0.11	0.13	0.13	0.30	0.33	0.35
20	68.91	68.42	68.16	0.16	0.18	0.18	0.35	0.39	0.41
21	51.27	50.93	50.79	0.20	0.21	0.22	0.38	0.42	0.44
22	40.11	39.91	39.80	0.24	0.26	0.27	0.41	0.45	0.48
23	31.97	31.81	31.71	0.29	0.32	0.33	0.45	0.49	0.52
24	25.05	24.91	24.81	0.38	0.41	0.43	0.51	0.55	0.59
25	18.77	18.64	18.55	0.54	0.58	0.60	0.64	0.69	0.73
26	12.89	12.77	12.69	0.91	0.97	1.01	0.97	1.04	1.10
27	7.53	7.45	7.40	1.95	2.05	2.14	1.94	2.06	2.16
28	3.44	3.42	3.42	4.83	5.02	5.17	4.72	4.94	5.12
29	1.37	1.41	1.45	11.31	11.57	11.80	11.02	11.36	11.66
30	0.75	0.81	0.85	25.20	25.00	24.97	24.66	25.40	26.07
31	0.61	0.67	0.71	23.83	23.72	23.50	25.34	25.31	25.18
35	0.43	0.47	0.50	23.38	23.72	23.89	24.12	24.59	24.88
40	0.36	0.40	0.43	22.29	22.00	21.75	24.14	23.77	23.52
45	0.35	0.38	0.41	21.44	21.45	21.39	22.14	22.09	22.03
50	0.34	0.37	0.39	26.45	26.92	27.19	26.79	27.20	27.45
55	0.35	0.39	0.42	28.38	28.58	28.76	30.06	30.46	30.87
60	0.40	0.44	0.47	24.91	24.64	24.46	26.10	25.72	25.54
65	0.47	0.51	0.55	27.07	26.42	25.94	27.43	26.52	25.96
70	0.56	0.62	0.66	35.21	33.30	32.02	31.07	29.48	28.43
75	0.75	0.82	0.87	22.94	22.95	22.98	23.55	23.33	23.18
80	1.11	1.20	1.28	20.64	20.72	20.78	22.89	22.83	22.80
85	2.44	2.63	2.80	15.04	14.95	14.84	13.29	13.22	13.13
86	3.36	3.62	3.85	11.74	11.58	11.43	9.60	9.49	9.38
87	5.05	5.40	5.72	8.26	8.17	8.07	6.34	6.27	6.20
89	11.67	12.16	12.60	3.76	3.83	3.87	2.57	2.61	2.64
90	16.28	16.78	17.25	2.74	2.83	2.89	1.82	1.87	1.92
91	21.39	21.90	22.38	2.13	2.23	2.30	1.41	1.47	1.51
92	26.91	27.44	27.94	1.75	1.84	1.91	1.17	1.23	1.27
93	32.92	33.47	34.00	1.49	1.58	1.64	1.02	1.06	1.10
94	39.56	40.18	40.77	1.29	1.38	1.44	0.91	0.95	0.98
95	47.10	47.83	48.54	1.15	1.23	1.28	0.83	0.86	0.89
100	49.18	49.12	49.01	0.77	0.83	0.87	0.60	0.62	0.64
120	48.76	48.94	49.04	0.53	0.55	0.56	0.38	0.38	0.39
200	52.44	52.40	52.43	0.53	0.58	0.60	0.25	0.27	0.28
250	56.68	56.64	56.61	0.52	0.59	0.63	0.23	0.25	0.26
500	72.67	72.20	71.99	0.58	0.69	0.74	0.24	0.27	0.29
750	82.74	81.57	81.54	0.70	0.85	0.93	0.31	0.36	0.38
1000	84.25	87.39	84.49	0.87	1.04	1.14	0.40	0.47	0.50
1250	89.14	90.00	93.06	1.04	1.25	1.39	0.49	0.57	0.61
1500	76.17	77.68	77.24	1.83	2.10	2.27	0.56	0.65	0.69
1750	68.75	70.17	70.79	2.17	2.47	2.60	0.60	0.69	0.74
2000	69.40	70.50	69.34	2.37	2.55	2.66	0.61	0.72	0.78
2250	68.51	68.46	66.58	2.34	2.64	2.83	0.64	0.76	0.82
2500	66.49	65.86	63.25	2.75	3.13	3.37	0.68	0.82	0.89
2750	63.39	62.17	59.40	3.61	4.07	4.31	0.77	0.94	1.01
3000	57.96	56.14	53.75	4.33	4.44	4.47	0.97	1.15	1.24
3250	51.22	48.79	47.08	3.82	4.04	4.18	1.27	1.50	1.61
3500	37.64	39.66	38.83	4.58	5.14	5.50	1.87	2.06	2.18
4000	39.20	39.51	39.72	14.69	17.32	19.01	3.45	3.93	4.11

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
30	80.75	80.35	80.05
31	70.74	70.28	69.93
32	59.19	58.84	58.58
33	50.22	50.01	49.86
34	44.15	44.03	43.94
35	39.90	39.81	39.74
36	36.67	36.59	36.54
37	34.07	34.00	33.96
38	31.88	31.83	31.79
39	30.04	29.99	29.95
40	28.45	28.41	28.38
41	27.11	27.07	27.05
42	25.95	25.92	25.90
43	24.96	24.93	24.92
44	24.11	24.09	24.08
45	23.37	23.36	23.36
46	22.74	22.74	22.73
47	22.19	22.19	22.20
48	21.73	21.73	21.74
49	21.31	21.32	21.33
50	20.97	20.99	20.99
51	20.67	20.67	20.69
52	20.41	20.42	20.44
53	20.18	20.19	20.22
54	20.00	20.02	20.04
55	19.86	19.87	19.90
56	19.74	19.76	19.79
57	19.66	19.68	19.71
58	19.63	19.65	19.68
59	19.62	19.64	19.67
60	19.66	19.68	19.71
61	19.73	19.76	19.78
62	19.85	19.88	19.90
63	20.01	20.04	20.07
64	20.21	20.24	20.27
65	20.46	20.49	20.52
66	20.76	20.80	20.83
67	21.11	21.15	21.18
68	21.50	21.54	21.59
69	21.96	22.01	22.05
70	22.48	22.53	22.59