

*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
0.5	77.49	78.58	77.94	0.00	0.00	0.00	0.00	0.00	0.00
1.0	72.12	72.26	72.50	0.00	0.00	0.00	0.00	0.00	0.00
5.0	59.03	58.97	58.89	0.00	0.00	0.00	0.01	0.01	0.01
10.0	55.45	55.49	55.43	0.00	0.00	0.00	0.04	0.05	0.05
20.0	75.11	74.65	74.79	0.01	0.02	0.02	0.15	0.17	0.18
40.0	56.63	56.78	56.75	0.18	0.20	0.22	0.37	0.41	0.44
45.0	30.55	30.32	30.13	0.38	0.42	0.45	0.48	0.53	0.58
47.0	21.52	21.35	21.20	0.55	0.60	0.65	0.60	0.66	0.72
50.0	10.55	10.46	10.38	1.37	1.47	1.56	1.29	1.40	1.49
53.0	3.41	3.43	3.44	5.02	5.19	5.38	4.77	4.94	5.11
54.0	2.25	2.30	2.33	7.26	7.45	7.66	6.99	7.16	7.35
63.0	0.65	0.70	0.75	24.99	25.70	26.12	27.57	28.79	29.66
73.0	0.71	0.77	0.82	20.90	20.61	20.53	20.78	20.46	20.36
85.0	1.04	1.12	1.18	21.43	21.23	21.10	21.58	21.67	21.77
94.0	2.12	2.25	2.35	18.15	18.67	19.13	13.21	13.34	13.43
95.0	2.41	2.56	2.69	28.77	32.82	37.20	13.32	13.36	13.34
96.0	2.98	3.18	3.34	19.34	18.44	17.76	11.18	11.02	10.87
96.5	3.45	3.68	3.87	14.32	13.75	13.34	9.47	9.27	9.11
100.0	11.28	11.68	11.98	3.05	3.04	3.05	2.15	2.16	2.17
102.0	17.52	17.91	18.20	1.87	1.90	1.93	1.25	1.28	1.30
103.0	20.68	21.07	21.35	1.58	1.62	1.66	1.05	1.08	1.10
105.0	27.05	27.43	27.70	1.25	1.29	1.33	0.82	0.85	0.87
106.0	30.30	30.68	30.96	1.14	1.19	1.22	0.75	0.78	0.80
110.0	45.07	45.53	45.83	0.88	0.92	0.95	0.60	0.62	0.64
150.0	68.99	69.58	69.81	0.49	0.51	0.53	0.38	0.38	0.38
175.0	67.77	67.74	67.56	0.58	0.60	0.60	0.35	0.36	0.36
200.0	62.16	62.22	62.21	0.69	0.71	0.71	0.33	0.34	0.35
225.0	61.53	61.52	61.61	0.76	0.79	0.81	0.31	0.33	0.34
250.0	62.43	62.38	62.29	0.79	0.84	0.87	0.30	0.32	0.33
275.0	63.93	63.74	63.77	0.80	0.87	0.90	0.29	0.32	0.33
300.0	65.62	65.23	65.33	0.80	0.87	0.92	0.29	0.32	0.33
325.0	66.96	66.74	66.62	0.79	0.88	0.93	0.29	0.31	0.33
350.0	68.07	68.11	68.02	0.79	0.88	0.93	0.29	0.31	0.33
375.0	68.76	68.63	68.55	0.79	0.87	0.93	0.29	0.32	0.33
400.0	69.44	69.11	68.82	0.79	0.87	0.93	0.29	0.32	0.33
425.0	69.13	68.96	68.58	0.79	0.87	0.93	0.29	0.32	0.34
450.0	68.39	68.40	68.36	0.79	0.87	0.93	0.29	0.32	0.34
475.0	66.90	66.76	66.89	0.79	0.88	0.93	0.29	0.33	0.34
500.0	64.94	64.98	64.98	0.79	0.88	0.94	0.30	0.34	0.35
550.0	56.66	56.60	56.39	0.79	0.90	0.96	0.31	0.35	0.37
600.0	57.62	58.15	58.54	0.81	0.93	0.99	0.32	0.37	0.38
750.0	81.93	81.59	81.31	0.88	1.01	1.09	0.36	0.42	0.44
800.0	94.59	90.34	88.68	0.90	1.04	1.13	0.38	0.44	0.47
900.0	78.99	77.75	77.89	0.96	1.11	1.20	0.42	0.48	0.52
1000.0	70.21	70.01	69.94	1.02	1.18	1.28	0.46	0.53	0.56
1100.0	67.09	66.98	66.48	1.08	1.24	1.36	0.52	0.60	0.63
1250.0	70.22	69.49	68.92	1.16	1.34	1.47	0.56	0.64	0.68
1500.0	67.66	67.70	67.64	1.29	1.50	1.63	0.64	0.73	0.77
1750.0	65.40	65.27	65.25	1.51	1.73	1.85	0.69	0.77	0.82
2000.0	62.42	62.73	62.86	1.79	2.02	2.17	0.70	0.80	0.86
2200.0	61.04	61.24	61.01	2.22	2.51	2.70	0.71	0.82	0.88
2400.0	58.62	58.79	59.08	3.04	3.39	3.61	0.72	0.84	0.91
2600.0	57.06	57.64	57.89	4.18	4.40	4.52	0.75	0.89	0.96
2800.0	57.01	57.59	57.71	4.36	4.55	4.69	0.83	0.97	1.06
3000.0	55.21	55.16	54.85	4.70	5.11	5.41	0.98	1.13	1.23
3200.0	49.90	49.83	50.34	6.24	6.84	7.15	1.25	1.42	1.54
3400.0	42.89	45.32	48.07	8.50	8.74	8.64	1.76	1.96	2.07
3600.0	47.47	49.43	49.81	8.60	8.38	8.30	2.29	2.52	2.69
3800.0	48.44	45.08	48.04	8.26	8.62	8.99	3.13	3.36	3.51
4000.0	43.22	44.05	45.71	10.66	12.38	13.61	3.46	3.64	3.76

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(ns)		
	@-40°C	@+25°C	@+85°C
63.00	31.20	31.17	31.10
63.25	30.91	30.86	30.80
63.50	30.60	30.55	30.51
63.75	30.32	30.28	30.23
64.00	30.05	30.01	29.96
64.25	29.78	29.74	29.69
64.50	29.52	29.51	29.47
64.75	29.27	29.24	29.20
65.00	29.04	29.01	28.97
65.25	28.82	28.79	28.76
65.50	28.61	28.59	28.55
66.00	28.21	28.20	28.17
66.50	27.83	27.81	27.80
67.00	27.51	27.50	27.47
67.25	27.34	27.32	27.31
67.50	27.20	27.18	27.17
68.00	26.92	26.91	26.89
68.25	26.78	26.76	26.76
68.50	26.66	26.65	26.64
69.00	26.42	26.42	26.41
69.50	26.22	26.21	26.20
69.75	26.11	26.11	26.11
70.00	26.04	26.03	26.02
70.25	25.95	25.94	25.93
70.50	25.86	25.87	25.85
70.75	25.79	25.79	25.79
71.00	25.73	25.73	25.71
71.25	25.66	25.66	25.66
71.50	25.61	25.60	25.60
71.75	25.55	25.55	25.54
72.00	25.50	25.50	25.49
72.25	25.46	25.45	25.45
72.50	25.42	25.41	25.41
72.75	25.37	25.37	25.37
73.00	25.34	25.35	25.34
73.50	25.30	25.29	25.29
73.75	25.29	25.28	25.28
74.00	25.27	25.26	25.26
74.50	25.25	25.26	25.26
75.00	25.25	25.24	25.25
75.25	25.25	25.26	25.26
75.50	25.28	25.28	25.27
76.00	25.30	25.30	25.31
76.25	25.32	25.33	25.34
76.50	25.34	25.35	25.36
77.00	25.42	25.43	25.43
77.50	25.50	25.50	25.52
78.00	25.60	25.62	25.62
78.50	25.73	25.73	25.74
79.00	25.84	25.86	25.88
79.50	26.01	26.04	26.04
80.00	26.17	26.20	26.22
80.50	26.35	26.40	26.42
81.00	26.56	26.61	26.64
81.50	26.79	26.83	26.87
82.00	27.03	27.08	27.13
83.00	27.58	27.64	27.69
83.50	27.87	27.96	27.99
84.00	28.20	28.28	28.32
85.00	28.88	28.97	29.02