

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	81.53	84.74	82.99	0.81	1.07	1.30	1.77	1.77	1.77
5	66.40	66.68	66.46	0.82	1.05	1.27	1.75	1.76	1.76
10	56.20	56.21	56.23	0.78	0.98	1.16	1.71	1.72	1.72
15	51.42	51.51	51.56	0.72	0.88	1.03	1.66	1.67	1.67
20	50.12	50.20	50.26	0.67	0.81	0.93	1.58	1.59	1.60
28	78.59	79.45	78.04	0.70	0.83	0.96	1.40	1.42	1.43
30	54.85	54.69	54.52	0.74	0.88	1.02	1.35	1.37	1.38
35	41.67	41.65	41.63	0.94	1.12	1.29	1.18	1.20	1.22
40	39.88	40.07	40.18	1.28	1.51	1.72	0.98	1.00	1.02
42	48.86	49.73	50.05	1.42	1.67	1.88	0.89	0.92	0.93
50	12.26	12.15	12.14	1.92	2.10	2.27	0.95	1.01	1.06
55	2.85	2.88	2.95	7.26	7.58	7.80	6.40	6.69	6.87
56	2.16	2.21	2.29	9.92	10.31	10.56	9.15	9.51	9.72
62	1.29	1.37	1.45	21.90	22.14	22.48	19.94	19.45	19.11
69	1.19	1.27	1.35	25.01	25.23	25.44	19.62	19.77	19.87
74	1.17	1.26	1.33	30.66	30.05	29.67	22.74	22.78	22.86
78	1.18	1.27	1.35	26.43	26.14	26.00	22.98	22.56	22.23
88	1.41	1.55	1.65	16.39	16.35	16.18	16.51	16.41	16.25
90	1.54	1.68	1.80	17.36	17.42	17.29	16.72	16.73	16.63
95	2.58	2.81	3.00	15.72	15.12	14.86	13.36	13.04	12.81
100	9.55	10.04	10.37	3.01	3.04	3.08	3.78	3.86	3.95
104	18.94	19.46	19.81	1.45	1.54	1.61	2.56	2.69	2.81
113	48.53	48.15	47.79	0.82	0.90	0.95	2.05	2.16	2.25
115	43.73	43.45	43.25	0.76	0.84	0.89	1.97	2.08	2.17
120	39.45	39.54	39.58	0.65	0.72	0.77	1.80	1.89	1.97
125	39.66	39.82	39.92	0.57	0.64	0.68	1.63	1.71	1.79
130	41.19	41.39	41.53	0.51	0.57	0.61	1.47	1.55	1.62
135	43.42	43.66	43.83	0.46	0.52	0.56	1.33	1.40	1.46
140	46.22	46.50	46.69	0.42	0.48	0.51	1.19	1.26	1.31
145	49.70	49.99	50.22	0.38	0.44	0.47	1.06	1.13	1.18
150	54.18	54.57	54.75	0.35	0.40	0.43	0.95	1.02	1.07
155	60.69	61.20	61.49	0.32	0.37	0.40	0.85	0.92	0.97
160	70.38	70.64	71.30	0.30	0.35	0.38	0.77	0.84	0.89
200	54.69	54.78	54.94	0.18	0.22	0.25	0.57	0.66	0.71
250	61.44	61.50	61.63	0.14	0.18	0.20	0.90	1.00	1.07
300	84.17	85.62	87.12	0.12	0.15	0.17	1.29	1.39	1.48
350	69.09	68.93	68.67	0.09	0.12	0.14	1.57	1.68	1.76
400	65.35	65.46	65.34	0.07	0.10	0.11	1.74	1.85	1.93
450	64.21	64.30	64.19	0.04	0.07	0.09	1.85	1.96	2.04
500	64.04	64.17	64.15	0.04	0.07	0.09	1.96	2.06	2.14
550	64.27	64.39	64.45	0.05	0.09	0.11	2.05	2.15	2.24
600	64.70	64.85	65.00	0.06	0.10	0.12	2.12	2.22	2.30
650	65.28	65.54	65.59	0.05	0.09	0.11	2.14	2.25	2.32
700	66.00	66.05	66.07	0.02	0.06	0.09	2.14	2.26	2.33
750	66.42	66.92	67.02	0.01	0.05	0.08	2.16	2.29	2.35
800	67.54	67.80	67.78	0.03	0.07	0.09	2.19	2.33	2.40
850	67.68	67.36	67.30	0.04	0.09	0.12	2.22	2.37	2.44
900	67.99	68.40	68.65	0.05	0.10	0.12	2.23	2.38	2.45
950	68.68	68.67	69.17	0.04	0.09	0.12	2.24	2.38	2.46
1000	69.98	70.55	70.88	0.01	0.07	0.10	2.24	2.38	2.46
1050	69.43	69.64	69.74	0.01	0.06	0.09	2.26	2.40	2.48
1100	69.84	70.13	70.37	0.02	0.08	0.11	2.28	2.43	2.52
1200	69.73	70.03	70.23	0.05	0.11	0.14	2.28	2.43	2.53
1300	70.03	70.21	70.13	0.02	0.08	0.11	2.25	2.39	2.50
1400	68.76	68.72	68.86	0.03	0.09	0.13	2.22	2.36	2.49
1500	69.68	69.48	69.03	0.05	0.12	0.16	2.11	2.26	2.40
1600	65.10	64.69	64.90	0.02	0.09	0.13	1.99	2.15	2.30
1700	62.84	62.66	62.86	0.04	0.11	0.15	1.86	2.04	2.19
1800	58.46	58.46	60.23	0.06	0.13	0.18	1.67	1.86	2.00
2000	59.71	60.29	61.03	0.05	0.13	0.17	1.30	1.52	1.68

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
62.00	28.95	28.80	28.72
62.50	28.08	27.95	27.88
63.00	27.31	27.20	27.14
63.50	26.61	26.52	26.47
64.00	25.99	25.91	25.87
64.50	25.44	25.36	25.33
65.50	24.48	24.43	24.40
66.00	24.08	24.03	24.00
66.50	23.71	23.66	23.64
67.00	23.37	23.33	23.32
67.50	23.06	23.03	23.02
68.00	22.78	22.75	22.74
68.50	22.53	22.50	22.49
69.00	22.29	22.27	22.26
69.50	22.08	22.06	22.05
70.00	21.88	21.87	21.86
70.50	21.70	21.69	21.69
71.00	21.54	21.53	21.53
71.50	21.40	21.39	21.40
72.00	21.27	21.27	21.28
72.50	21.16	21.16	21.17
73.00	21.06	21.07	21.08
73.50	20.98	20.99	21.00
74.00	20.91	20.92	20.94
74.50	20.85	20.87	20.89
75.00	20.81	20.84	20.86
75.50	20.79	20.82	20.84
76.00	20.78	20.81	20.84
76.50	20.78	20.82	20.85
77.00	20.80	20.84	20.87
78.00	20.88	20.93	20.97
79.00	21.01	21.06	21.11
80.00	21.19	21.25	21.30
81.00	21.43	21.50	21.55
82.00	21.73	21.81	21.86
83.00	22.11	22.18	22.23
84.00	22.55	22.64	22.69
85.00	23.10	23.18	23.23
86.00	23.74	23.84	23.89
87.00	24.52	24.62	24.68
88.00	25.46	25.59	25.66