

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	111.84	115.39	105.80	0.00	0.00	0.00	0.00	0.00	0.00
2	103.66	108.42	111.50	0.00	0.00	0.00	0.00	0.00	0.00
3	111.18	107.48	105.25	0.00	0.00	0.00	0.00	0.00	0.00
4	106.85	104.80	110.02	0.00	0.00	0.00	0.00	0.00	0.00
10	104.24	102.17	105.94	0.00	0.00	0.00	0.00	0.00	0.00
20	111.38	100.51	104.78	0.00	0.00	0.00	0.00	0.00	0.00
25	96.00	104.94	100.37	0.00	0.00	0.01	0.00	0.00	0.00
30	91.56	95.46	90.31	0.00	0.01	0.01	0.00	0.00	0.01
35	81.92	82.35	81.33	0.00	0.01	0.01	0.01	0.01	0.01
40	74.09	73.51	73.52	0.01	0.01	0.02	0.01	0.01	0.02
45	65.80	65.56	65.46	0.02	0.03	0.03	0.02	0.02	0.02
50	58.02	57.81	57.71	0.03	0.04	0.05	0.03	0.04	0.04
55	50.28	50.05	49.85	0.06	0.07	0.08	0.05	0.06	0.07
56	48.70	48.46	48.28	0.07	0.08	0.08	0.06	0.07	0.07
57	47.12	46.89	46.70	0.08	0.09	0.10	0.06	0.07	0.08
59	43.90	43.66	43.44	0.09	0.11	0.12	0.08	0.09	0.10
60	42.27	42.01	41.79	0.11	0.12	0.13	0.09	0.10	0.11
61	40.60	40.35	40.12	0.12	0.14	0.15	0.10	0.11	0.13
65	33.66	33.38	33.12	0.20	0.23	0.25	0.16	0.18	0.21
66	31.84	31.54	31.28	0.23	0.26	0.29	0.18	0.21	0.24
70	24.04	23.72	23.44	0.44	0.50	0.55	0.34	0.39	0.44
71	21.95	21.63	21.34	0.53	0.61	0.67	0.41	0.47	0.53
75	12.97	12.69	12.44	1.43	1.62	1.80	1.11	1.26	1.41
80	3.48	3.56	3.63	9.07	9.88	10.62	7.32	7.80	8.24
81	2.95	3.06	3.16	11.27	12.20	13.02	9.01	9.48	9.91
87	1.48	1.62	1.73	25.69	25.60	25.44	38.64	39.49	40.15
100	1.34	1.45	1.55	33.58	34.95	30.63	25.12	25.89	25.61
110	1.56	1.68	1.79	20.51	20.24	20.00	19.28	19.69	19.93
117	1.91	2.06	2.20	21.76	22.07	22.20	21.90	21.88	21.77
120	2.21	2.41	2.58	24.99	25.69	25.35	23.14	22.54	21.81
122	2.60	2.86	3.09	20.46	18.56	17.38	19.71	17.84	16.75
130	10.26	10.87	11.34	2.63	2.54	2.49	2.85	2.76	2.72
137	20.29	20.75	21.11	1.03	1.04	1.05	1.17	1.19	1.20
140	24.02	24.43	24.75	0.83	0.85	0.86	0.95	0.97	0.98
143	27.42	27.78	28.07	0.70	0.72	0.73	0.81	0.83	0.84
175	52.04	52.20	52.33	0.31	0.33	0.35	0.36	0.38	0.39
180	54.80	54.96	55.06	0.29	0.31	0.33	0.33	0.35	0.37
190	59.78	59.93	59.95	0.26	0.28	0.30	0.30	0.32	0.33
200	64.11	64.28	64.37	0.24	0.26	0.28	0.27	0.29	0.31
250	79.80	80.15	81.53	0.18	0.21	0.22	0.20	0.23	0.25
300	91.22	91.49	91.41	0.16	0.19	0.21	0.18	0.21	0.23
350	99.68	103.85	95.95	0.15	0.19	0.21	0.17	0.20	0.22
400	117.13	102.28	107.67	0.14	0.18	0.21	0.16	0.20	0.22
450	99.14	102.21	102.01	0.14	0.19	0.21	0.16	0.20	0.22
500	98.63	102.53	101.00	0.14	0.19	0.22	0.16	0.21	0.23
550	103.12	96.27	92.64	0.14	0.20	0.23	0.16	0.21	0.23
600	91.55	88.92	87.28	0.15	0.21	0.25	0.17	0.22	0.24
650	83.85	83.62	82.10	0.15	0.22	0.26	0.17	0.23	0.26
700	80.49	79.46	78.74	0.16	0.24	0.28	0.18	0.24	0.27
750	76.99	76.62	75.51	0.17	0.25	0.29	0.18	0.25	0.28
800	74.58	73.43	72.65	0.18	0.26	0.31	0.19	0.26	0.30
850	71.78	71.02	70.28	0.19	0.28	0.33	0.20	0.27	0.31
900	69.52	68.45	68.06	0.20	0.30	0.35	0.21	0.29	0.33
950	67.35	66.54	66.07	0.21	0.31	0.38	0.22	0.30	0.35
1000	65.29	64.57	64.24	0.22	0.33	0.40	0.23	0.32	0.37
1050	63.53	62.86	62.31	0.24	0.35	0.42	0.24	0.34	0.39
1200	58.64	57.99	57.61	0.30	0.42	0.50	0.29	0.40	0.46
1300	55.72	55.13	54.84	0.34	0.47	0.56	0.33	0.44	0.51
1400	53.06	52.50	52.18	0.39	0.54	0.63	0.37	0.50	0.57
1500	50.58	50.06	49.75	0.46	0.61	0.71	0.42	0.56	0.64

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
87.0	33.69	33.40	33.15
87.2	33.38	33.10	32.85
88.0	32.23	31.99	31.77
88.2	31.98	31.74	31.53
89.0	30.98	30.78	30.61
89.2	30.75	30.56	30.39
90.0	29.89	29.74	29.60
90.4	29.49	29.36	29.23
91.0	28.93	28.83	28.72
91.2	28.76	28.66	28.56
91.4	28.58	28.49	28.40
92.0	28.12	28.04	27.97
92.4	27.83	27.77	27.71
93.0	27.42	27.39	27.34
93.2	27.30	27.27	27.23
94.0	26.85	26.84	26.81
94.2	26.74	26.74	26.71
95.0	26.38	26.39	26.36
95.6	26.13	26.14	26.13
96.0	25.99	26.00	25.98
96.2	25.92	25.92	25.91
97.0	25.66	25.67	25.66
97.2	25.60	25.61	25.59
98.0	25.38	25.37	25.37
98.6	25.22	25.22	25.20
99.0	25.12	25.12	25.11
99.8	24.94	24.93	24.90
100.0	24.90	24.89	24.86
100.4	24.81	24.79	24.76
101.0	24.69	24.67	24.62
101.8	24.53	24.51	24.47
102.0	24.49	24.47	24.43
102.4	24.42	24.40	24.36
103.0	24.33	24.31	24.27
103.4	24.26	24.24	24.21
104.0	24.19	24.18	24.16
104.8	24.11	24.11	24.10
105.0	24.10	24.11	24.09
105.2	24.09	24.10	24.09
106.4	24.08	24.11	24.12
107.0	24.09	24.14	24.15
107.8	24.17	24.22	24.25
108.0	24.18	24.24	24.27
109.0	24.34	24.42	24.46
110.0	24.55	24.64	24.71
111.0	24.81	24.92	25.00
112.0	25.12	25.24	25.33
113.0	25.46	25.59	25.70
114.0	25.84	26.01	26.12
115.0	26.28	26.47	26.61
117.0	27.46	27.73	27.93