

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	0.36	0.46	0.54	28.98	26.63	25.17	28.85	26.54	25.09
2	0.36	0.46	0.54	28.82	26.56	25.12	28.70	26.46	25.04
5	0.37	0.47	0.55	27.69	25.85	24.61	27.56	25.74	24.52
10	0.39	0.48	0.56	25.64	24.45	23.58	25.41	24.23	23.36
15	0.41	0.50	0.58	24.47	23.67	23.02	24.16	23.33	22.70
20	0.44	0.53	0.60	24.47	23.88	23.37	23.98	23.36	22.86
25	0.47	0.56	0.63	25.75	25.38	24.97	24.98	24.54	24.13
50	0.76	0.87	0.96	30.25	28.90	27.98	32.18	30.49	29.44
60	0.97	1.11	1.21	33.02	33.24	33.05	39.20	39.48	39.96
70	1.40	1.60	1.74	28.78	28.01	27.34	30.20	29.35	28.72
75	2.06	2.34	2.55	14.79	14.72	14.54	14.88	14.84	14.68
76	2.34	2.65	2.88	12.48	12.43	12.30	12.53	12.51	12.39
77	2.71	3.05	3.31	10.44	10.42	10.33	10.47	10.46	10.38
78	3.20	3.57	3.86	8.66	8.67	8.61	8.68	8.69	8.64
80	4.58	5.02	5.36	5.87	5.93	5.93	5.87	5.94	5.94
85	10.19	10.73	11.15	2.44	2.57	2.64	2.44	2.57	2.64
90	17.13	17.69	18.12	1.46	1.58	1.66	1.47	1.58	1.65
92	19.96	20.52	20.95	1.30	1.40	1.47	1.30	1.41	1.47
93	21.37	21.93	22.36	1.23	1.34	1.40	1.23	1.34	1.40
95	24.19	24.75	25.18	1.13	1.23	1.29	1.13	1.23	1.29
98	28.44	29.00	29.44	1.02	1.11	1.17	1.03	1.12	1.17
100	31.31	31.88	32.33	0.96	1.05	1.10	0.97	1.06	1.11
105	38.91	39.50	39.99	0.86	0.93	0.98	0.87	0.94	0.98
110	47.92	48.61	49.20	0.78	0.85	0.89	0.79	0.86	0.90
115	62.10	62.35	62.72	0.72	0.78	0.82	0.73	0.79	0.83
120	60.20	59.84	59.58	0.66	0.72	0.76	0.68	0.74	0.77
125	56.75	56.80	56.88	0.62	0.68	0.71	0.63	0.69	0.72
150	62.04	62.18	62.21	0.46	0.51	0.53	0.47	0.52	0.55
160	66.58	66.47	66.74	0.41	0.46	0.49	0.42	0.47	0.50
165	68.50	68.68	69.10	0.39	0.44	0.47	0.40	0.45	0.48
170	71.42	71.59	71.76	0.37	0.42	0.45	0.39	0.43	0.46
175	74.19	74.22	75.06	0.36	0.41	0.43	0.37	0.41	0.44
200	90.05	90.45	90.01	0.29	0.34	0.36	0.30	0.34	0.36
250	83.90	82.23	82.38	0.20	0.24	0.26	0.21	0.25	0.27
300	75.34	75.32	75.66	0.15	0.19	0.20	0.15	0.19	0.21
350	73.60	73.46	73.38	0.11	0.15	0.16	0.11	0.15	0.16
400	72.71	72.81	72.46	0.08	0.12	0.13	0.09	0.12	0.13
450	72.95	73.09	73.10	0.06	0.10	0.11	0.07	0.10	0.11
500	73.44	74.09	73.87	0.04	0.09	0.10	0.05	0.09	0.10
550	74.10	74.21	74.52	0.03	0.08	0.09	0.04	0.08	0.09
600	74.39	74.88	74.59	0.02	0.07	0.08	0.03	0.07	0.08
650	74.23	74.77	74.32	0.01	0.06	0.07	0.02	0.06	0.07
700	72.82	72.96	73.84	0.01	0.05	0.06	0.01	0.06	0.07
750	71.54	71.93	71.59	0.00	0.05	0.06	0.01	0.05	0.06
800	68.26	68.15	68.04	0.00	0.05	0.06	0.00	0.05	0.06
850	63.37	63.29	63.12	0.01	0.04	0.06	0.00	0.04	0.06
900	56.13	55.85	55.62	0.01	0.05	0.06	0.00	0.05	0.06
950	41.19	41.86	42.81	0.07	0.13	0.14	0.04	0.09	0.11
1000	50.20	50.72	51.17	0.01	0.05	0.07	0.01	0.05	0.06
1250	53.81	53.96	54.05	0.03	0.04	0.07	0.02	0.04	0.07
1500	79.31	80.48	80.53	0.02	0.06	0.08	0.02	0.06	0.08
1750	65.47	65.52	65.83	0.01	0.08	0.10	0.01	0.06	0.09
2000	62.90	62.90	62.41	0.01	0.10	0.13	0.00	0.08	0.11
2200	62.33	61.81	62.03	0.02	0.11	0.15	0.01	0.09	0.13
2250	61.46	61.59	61.80	0.03	0.13	0.16	0.02	0.10	0.13
2500	60.82	60.91	61.20	0.05	0.14	0.17	0.04	0.12	0.15
2750	59.71	60.56	60.26	0.07	0.16	0.19	0.06	0.14	0.17
2800	60.69	60.46	61.53	0.07	0.16	0.19	0.07	0.15	0.18
2900	60.92	61.43	61.25	0.08	0.18	0.20	0.07	0.15	0.18
3000	60.18	61.09	61.24	0.09	0.19	0.21	0.08	0.17	0.19

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1.0	9.25	9.09	9.01
2.0	9.00	8.95	8.91
3.0	8.94	8.92	8.89
4.0	8.88	8.88	8.87
5.0	8.84	8.85	8.85
6.0	8.85	8.85	8.85
7.0	8.86	8.86	8.86
8.0	8.87	8.87	8.87
9.0	8.88	8.88	8.87
10.0	8.89	8.89	8.89
11.0	8.90	8.91	8.91
12.0	8.92	8.92	8.92
13.0	8.94	8.94	8.94
14.0	8.96	8.96	8.97
15.0	8.98	8.99	8.99
16.0	9.00	9.01	9.02
17.0	9.03	9.05	9.05
18.0	9.06	9.07	9.09
19.0	9.09	9.11	9.12
20.0	9.12	9.15	9.15
21.0	9.17	9.19	9.20
22.0	9.21	9.23	9.24
23.0	9.25	9.27	9.28
24.0	9.29	9.32	9.33
25.0	9.35	9.37	9.39
26.0	9.39	9.41	9.44
27.0	9.44	9.48	9.49
28.0	9.50	9.53	9.55
29.0	9.56	9.58	9.61
30.0	9.62	9.66	9.67
31.0	9.68	9.72	9.74
32.0	9.75	9.78	9.81
35.0	9.97	10.00	10.03
38.0	10.22	10.25	10.28
40.0	10.40	10.43	10.46
42.0	10.60	10.63	10.66
43.0	10.71	10.75	10.78
45.0	10.95	10.98	11.02
48.0	11.36	11.40	11.43
50.0	11.68	11.72	11.76
51.0	11.84	11.90	11.94
52.0	12.03	12.09	12.13
53.0	12.22	12.29	12.33
54.0	12.43	12.49	12.55
55.0	12.65	12.72	12.77
56.0	12.89	12.97	13.02
57.0	13.14	13.21	13.27
58.0	13.41	13.49	13.55
59.0	13.68	13.77	13.84
60.0	13.99	14.08	14.15
61.0	14.31	14.41	14.49
62.0	14.66	14.76	14.85
63.0	15.04	15.14	15.23
64.0	15.45	15.56	15.66
65.0	15.90	16.02	16.13
66.0	16.40	16.53	16.64
67.0	16.97	17.10	17.21
68.0	17.60	17.73	17.86
69.0	18.31	18.46	18.59
70.0	19.11	19.28	19.42