

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	0.38	0.49	0.57	28.46	26.13	24.75	28.60	26.23	24.83
2.0	0.38	0.48	0.56	28.47	26.15	24.78	28.63	26.27	24.87
5.0	0.37	0.48	0.56	28.04	25.91	24.63	28.23	26.07	24.77
10.0	0.39	0.49	0.57	26.66	25.02	24.01	26.75	25.13	24.12
15.0	0.40	0.51	0.59	25.75	24.47	23.66	25.80	24.57	23.77
20.0	0.42	0.52	0.60	25.43	24.41	23.74	25.45	24.50	23.87
25.0	0.45	0.55	0.62	26.02	25.17	24.58	26.04	25.28	24.74
30.0	0.47	0.57	0.65	27.90	27.18	26.61	27.89	27.30	26.83
35.0	0.51	0.61	0.68	31.68	31.09	30.51	31.73	31.40	30.96
40.0	0.54	0.65	0.72	37.54	36.67	36.10	37.55	37.15	36.92
45.0	0.59	0.70	0.78	32.89	31.75	31.44	32.84	31.74	31.43
50.0	0.64	0.76	0.84	27.80	26.88	26.55	27.83	26.90	26.55
55.0	0.70	0.82	0.91	25.25	24.44	24.08	25.26	24.46	24.09
60.0	0.76	0.89	0.98	24.45	23.70	23.32	24.49	23.77	23.39
65.0	0.82	0.96	1.05	25.41	24.73	24.31	25.57	24.95	24.56
70.0	0.90	1.04	1.14	28.98	28.38	27.85	29.51	29.10	28.68
75.0	1.00	1.16	1.27	35.63	34.94	34.15	39.57	40.25	40.13
80.0	1.15	1.33	1.45	33.13	31.88	31.45	32.96	31.77	31.52
83.0	1.27	1.46	1.60	34.01	32.36	31.69	31.04	29.81	29.43
85.0	1.37	1.58	1.73	34.16	33.31	32.34	29.19	28.41	28.01
90.0	1.84	2.12	2.32	17.78	17.89	17.74	17.08	17.05	16.90
93.0	2.56	2.91	3.16	11.27	11.32	11.25	10.99	10.98	10.90
95.0	3.42	3.84	4.14	8.09	8.15	8.13	7.92	7.94	7.91
98.0	5.52	6.03	6.41	4.82	4.93	4.98	4.73	4.82	4.85
100.0	7.43	7.99	8.40	3.48	3.61	3.69	3.41	3.53	3.60
105.0	13.24	13.83	14.27	1.87	2.02	2.12	1.84	1.98	2.06
110.0	19.47	20.05	20.49	1.32	1.45	1.54	1.30	1.43	1.51
115.0	25.73	26.30	26.74	1.08	1.20	1.27	1.07	1.18	1.25
118.0	29.54	30.11	30.56	0.99	1.10	1.17	0.98	1.08	1.15
119.0	30.83	31.40	31.86	0.96	1.07	1.14	0.95	1.06	1.12
120.0	32.14	32.70	33.16	0.94	1.04	1.11	0.93	1.03	1.09
125.0	39.05	39.62	40.11	0.85	0.94	1.00	0.84	0.93	0.98
130.0	47.30	47.92	48.50	0.77	0.86	0.91	0.77	0.85	0.90
135.0	59.73	60.20	60.43	0.71	0.79	0.84	0.71	0.79	0.83
140.0	59.99	59.57	59.04	0.66	0.74	0.78	0.66	0.74	0.77
145.0	55.91	55.87	55.88	0.62	0.69	0.74	0.62	0.69	0.73
150.0	55.02	55.06	55.20	0.58	0.65	0.69	0.58	0.65	0.68
175.0	60.78	61.03	61.03	0.44	0.50	0.53	0.44	0.50	0.53
200.0	72.82	72.50	72.96	0.35	0.41	0.43	0.35	0.41	0.43
250.0	88.96	91.71	90.65	0.24	0.29	0.31	0.24	0.29	0.31
300.0	84.20	83.89	82.11	0.17	0.22	0.23	0.18	0.22	0.24
500.0	72.25	72.57	72.18	0.07	0.10	0.11	0.06	0.10	0.12
700.0	74.09	73.60	73.35	0.02	0.06	0.07	0.02	0.07	0.08
750.0	73.01	73.72	72.82	0.01	0.06	0.07	0.01	0.05	0.07
800.0	71.36	71.72	71.50	0.01	0.05	0.06	0.01	0.06	0.07
850.0	69.36	69.00	68.96	0.00	0.05	0.06	0.00	0.05	0.07
900.0	65.68	65.89	65.49	0.01	0.05	0.06	0.00	0.05	0.06
600.0	73.38	73.45	73.02	0.04	0.07	0.08	0.04	0.08	0.09
625.0	73.49	73.74	73.18	0.03	0.07	0.08	0.03	0.08	0.09
650.0	73.08	73.64	73.70	0.03	0.07	0.08	0.03	0.08	0.09
675.0	73.10	73.75	72.90	0.02	0.06	0.07	0.02	0.07	0.08
700.0	74.09	73.60	73.35	0.02	0.06	0.07	0.02	0.07	0.08
750.0	73.01	73.72	72.82	0.01	0.06	0.07	0.01	0.05	0.07
775.0	72.34	72.55	72.22	0.01	0.06	0.06	0.01	0.06	0.07
800.0	71.36	71.72	71.50	0.01	0.05	0.06	0.01	0.06	0.07
810.0	71.47	71.37	71.11	0.01	0.05	0.06	0.01	0.06	0.07
820.0	70.69	70.92	70.46	0.01	0.05	0.06	0.01	0.06	0.07
830.0	70.52	70.05	70.07	0.01	0.05	0.06	0.01	0.06	0.07
840.0	69.51	69.90	69.39	0.01	0.05	0.06	0.01	0.06	0.07
850.0	69.36	69.00	68.96	0.00	0.05	0.06	0.00	0.05	0.07

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1.0	7.36	7.38	7.41
5.0	7.32	7.36	7.32
10.0	7.31	7.32	7.31
12.0	7.32	7.31	7.32
14.0	7.34	7.37	7.35
15.0	7.35	7.38	7.36
16.0	7.37	7.39	7.37
18.0	7.40	7.40	7.42
20.0	7.44	7.49	7.46
22.0	7.48	7.50	7.50
24.0	7.53	7.52	7.55
26.0	7.58	7.59	7.61
28.0	7.64	7.59	7.68
30.0	7.71	7.74	7.74
32.0	7.78	7.77	7.82
34.0	7.86	7.93	7.90
36.0	7.94	7.99	7.98
38.0	8.03	8.02	8.07
40.0	8.12	8.07	8.16
42.0	8.22	8.26	8.26
43.0	8.27	8.16	8.32
44.0	8.33	8.35	8.37
45.0	8.39	8.46	8.43
46.0	8.45	8.43	8.49
47.0	8.51	8.56	8.55
48.0	8.57	8.56	8.62
49.0	8.64	8.68	8.67
50.0	8.71	8.72	8.75
51.0	8.78	8.81	8.82
52.0	8.86	8.82	8.90
53.0	8.94	8.97	8.97
54.0	9.02	9.08	9.06
55.0	9.11	9.12	9.15
56.0	9.20	9.12	9.24
57.0	9.29	9.23	9.34
58.0	9.39	9.33	9.44
59.0	9.50	9.49	9.56
60.0	9.62	9.67	9.68
61.0	9.74	9.77	9.80
62.0	9.86	9.88	9.93
63.0	10.00	10.05	10.07
64.0	10.14	10.17	10.22
65.0	10.29	10.32	10.37
66.0	10.44	10.44	10.53
67.0	10.61	10.57	10.70
68.0	10.78	10.72	10.88
69.0	10.96	10.96	11.07
70.0	11.16	11.17	11.27
71.0	11.36	11.43	11.48
72.0	11.57	11.52	11.70
73.0	11.79	11.76	11.93
74.0	12.03	12.04	12.17
75.0	12.28	12.27	12.43
76.0	12.55	12.56	12.70
77.0	12.83	12.93	13.00
78.0	13.13	13.18	13.30
79.0	13.48	13.49	13.65
80.0	13.84	13.82	14.03
81.0	14.24	14.19	14.43
83.0	15.16	15.20	15.39