

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	0.55	0.71	0.85	24.77	22.50	21.01	24.67	22.43	20.94
2	0.55	0.72	0.85	24.54	22.37	20.93	24.43	22.29	20.85
5	0.56	0.72	0.86	23.19	21.58	20.41	23.08	21.48	20.32
10	0.58	0.74	0.87	21.15	20.28	19.55	21.08	20.20	19.49
15	0.60	0.76	0.89	20.62	20.13	19.67	20.56	20.06	19.62
20	0.63	0.78	0.92	22.01	21.78	21.49	21.93	21.69	21.43
25	0.67	0.83	0.96	26.22	26.34	26.27	26.11	26.22	26.18
50	1.33	1.56	1.76	26.15	26.06	26.06	27.60	27.45	27.48
55	1.78	2.08	2.34	22.48	22.18	21.88	24.83	24.39	23.99
59	3.18	3.61	3.97	9.49	9.56	9.62	9.67	9.75	9.82
60	3.95	4.42	4.81	7.42	7.53	7.63	7.53	7.66	7.76
62	6.14	6.67	7.11	4.53	4.71	4.85	4.59	4.77	4.91
64	9.07	9.62	10.07	2.93	3.13	3.29	2.96	3.16	3.32
65	10.68	11.24	11.70	2.45	2.64	2.80	2.46	2.66	2.82
68	15.76	16.30	16.74	1.65	1.82	1.96	1.65	1.82	1.96
70	19.13	19.66	20.10	1.38	1.54	1.67	1.38	1.54	1.66
71	20.80	21.33	21.76	1.29	1.44	1.56	1.29	1.44	1.55
72	22.46	22.98	23.41	1.22	1.36	1.47	1.21	1.35	1.47
75	27.35	27.86	28.28	1.05	1.18	1.28	1.04	1.17	1.27
78	32.20	32.71	33.13	0.95	1.05	1.14	0.94	1.04	1.13
80	35.47	35.98	36.41	0.89	0.99	1.07	0.88	0.98	1.06
90	55.75	56.48	56.95	0.70	0.77	0.83	0.68	0.76	0.81
91	58.96	59.58	60.21	0.69	0.76	0.81	0.67	0.74	0.80
92	62.91	63.25	63.34	0.67	0.74	0.79	0.66	0.73	0.78
93	66.47	66.09	65.70	0.66	0.73	0.78	0.65	0.72	0.76
95	64.94	64.19	63.47	0.63	0.70	0.75	0.62	0.69	0.73
98	59.93	59.70	59.49	0.60	0.66	0.71	0.58	0.65	0.69
100	58.31	58.25	58.10	0.58	0.64	0.68	0.57	0.63	0.67
125	58.51	58.69	58.78	0.41	0.45	0.48	0.39	0.44	0.46
150	62.13	62.22	62.27	0.30	0.34	0.37	0.29	0.33	0.35
175	64.55	64.32	64.33	0.24	0.28	0.29	0.23	0.27	0.28
200	66.07	65.92	65.53	0.19	0.23	0.25	0.18	0.22	0.24
225	66.94	67.04	67.01	0.16	0.19	0.21	0.15	0.18	0.20
250	67.89	67.99	67.76	0.13	0.17	0.18	0.12	0.16	0.17
300	69.88	69.93	69.67	0.10	0.13	0.14	0.09	0.12	0.13
350	71.98	71.83	71.67	0.07	0.11	0.12	0.06	0.10	0.11
400	74.34	74.15	73.72	0.06	0.09	0.10	0.05	0.08	0.09
450	76.48	76.65	77.10	0.04	0.08	0.08	0.03	0.07	0.08
500	80.36	80.39	80.25	0.03	0.07	0.08	0.02	0.06	0.07
550	84.97	83.72	85.80	0.02	0.06	0.07	0.02	0.06	0.06
600	90.08	92.04	89.38	0.02	0.06	0.07	0.01	0.05	0.06
650	90.94	91.92	97.69	0.01	0.05	0.06	0.00	0.05	0.06
700	90.18	90.03	87.64	0.00	0.05	0.06	0.00	0.04	0.06
750	82.93	84.51	83.09	0.00	0.05	0.06	0.00	0.05	0.06
800	74.60	74.88	73.69	0.00	0.05	0.06	0.01	0.04	0.06
850	66.10	65.89	65.83	0.01	0.05	0.06	0.01	0.04	0.06
900	55.77	55.32	54.90	0.00	0.06	0.08	0.01	0.05	0.07
950	45.30	46.77	47.97	0.03	0.08	0.09	0.01	0.06	0.08
1000	53.57	54.03	54.37	0.01	0.05	0.07	0.02	0.05	0.07
1250	53.37	53.40	53.45	0.01	0.06	0.08	0.02	0.05	0.08
1500	67.26	67.35	67.47	0.01	0.07	0.10	0.02	0.06	0.09
1750	64.23	64.45	64.67	0.00	0.09	0.12	0.01	0.08	0.11
2000	63.68	64.47	64.66	0.01	0.11	0.14	0.00	0.10	0.13
2200	64.73	65.46	66.04	0.02	0.12	0.16	0.02	0.12	0.15
2250	64.57	65.77	66.44	0.03	0.12	0.16	0.02	0.12	0.15
2500	65.93	68.18	69.84	0.05	0.14	0.18	0.05	0.14	0.18
2750	79.74	88.57	76.45	0.06	0.16	0.19	0.07	0.17	0.20
2800	76.36	88.07	82.89	0.06	0.16	0.19	0.07	0.17	0.20
2900	70.50	72.18	72.32	0.07	0.17	0.20	0.08	0.19	0.22
3000	69.80	67.62	66.03	0.07	0.17	0.21	0.08	0.19	0.22

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1.0	12.73	12.75	12.71
2.0	12.52	12.52	12.51
3.0	12.48	12.47	12.46
4.0	12.40	12.39	12.39
5.0	12.39	12.39	12.39
6.0	12.42	12.41	12.42
7.0	12.44	12.44	12.44
8.0	12.46	12.46	12.46
9.0	12.49	12.49	12.49
10.0	12.52	12.52	12.53
11.0	12.56	12.56	12.57
12.0	12.60	12.61	12.62
13.0	12.65	12.66	12.68
14.0	12.71	12.73	12.74
15.0	12.77	12.78	12.81
16.0	12.84	12.86	12.88
17.0	12.91	12.94	12.96
18.0	12.99	13.02	13.03
19.0	13.08	13.10	13.13
20.0	13.17	13.21	13.22
21.0	13.28	13.31	13.33
22.0	13.38	13.41	13.43
23.0	13.49	13.52	13.55
24.0	13.61	13.64	13.66
25.0	13.73	13.76	13.78
26.0	13.85	13.89	13.90
27.0	13.99	14.02	14.04
28.0	14.13	14.15	14.18
29.0	14.27	14.30	14.32
30.0	14.42	14.46	14.48
31.0	14.58	14.63	14.65
32.0	14.76	14.79	14.81
33.0	14.95	14.98	15.02
34.0	15.14	15.18	15.21
35.0	15.36	15.40	15.43
36.0	15.58	15.63	15.67
37.0	15.84	15.89	15.92
38.0	16.11	16.16	16.21
39.0	16.40	16.45	16.50
40.0	16.72	16.78	16.83
40.5	16.88	16.94	17.00
41.0	17.06	17.12	17.18
41.5	17.23	17.31	17.36
42.0	17.43	17.50	17.56
42.5	17.61	17.70	17.76
43.0	17.82	17.91	17.97
43.5	18.02	18.12	18.18
44.0	18.25	18.35	18.42
44.5	18.48	18.57	18.65
45.0	18.71	18.81	18.88
45.5	18.95	19.05	19.14
46.0	19.21	19.32	19.40
46.5	19.47	19.59	19.67
47.0	19.77	19.88	19.97
47.5	20.05	20.18	20.27
48.0	20.37	20.49	20.58
48.5	20.70	20.83	20.93
49.0	21.05	21.18	21.29
49.5	21.43	21.56	21.67
50.0	21.84	21.98	22.09