

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	0.22	0.28	0.33	33.36	30.99	29.42	33.29	30.95	29.40
2	0.22	0.28	0.33	33.28	30.96	29.41	33.04	30.79	29.29
5	0.23	0.29	0.33	32.15	30.20	28.85	31.98	30.07	28.75
10	0.25	0.30	0.35	30.12	28.66	27.65	29.94	28.53	27.54
15	0.27	0.32	0.36	28.61	27.41	26.60	28.46	27.31	26.52
20	0.29	0.35	0.39	27.75	26.67	25.97	27.54	26.55	25.88
25	0.32	0.37	0.41	27.61	26.61	25.97	27.40	26.52	25.91
50	0.47	0.53	0.57	37.19	35.58	34.78	34.90	33.87	33.33
75	0.68	0.77	0.83	30.41	29.09	28.05	30.85	29.49	28.40
100	1.13	1.28	1.39	21.63	20.96	20.63	20.80	20.11	19.78
105	1.29	1.47	1.60	25.25	24.34	23.86	22.38	21.48	21.01
110	1.58	1.81	1.98	25.08	24.64	24.08	20.73	19.96	19.41
116	2.78	3.16	3.45	9.74	9.55	9.38	9.37	9.11	8.90
120	4.83	5.34	5.74	5.26	5.21	5.14	5.11	5.02	4.94
125	8.86	9.47	9.96	2.64	2.69	2.72	2.57	2.61	2.62
130	13.66	14.29	14.80	1.63	1.71	1.76	1.59	1.67	1.71
135	18.59	19.20	19.72	1.21	1.30	1.35	1.19	1.27	1.32
137	20.54	21.15	21.67	1.11	1.20	1.25	1.10	1.18	1.23
140	23.48	24.07	24.59	1.01	1.09	1.13	0.99	1.07	1.12
142	25.43	26.02	26.54	0.95	1.03	1.07	0.94	1.02	1.06
144	27.39	27.99	28.50	0.90	0.98	1.02	0.90	0.97	1.02
145	28.38	28.97	29.49	0.88	0.96	1.00	0.88	0.95	1.00
148	31.39	31.98	32.50	0.83	0.90	0.94	0.83	0.90	0.94
150	33.44	34.04	34.58	0.80	0.87	0.91	0.80	0.87	0.91
152	35.56	36.17	36.72	0.77	0.84	0.88	0.78	0.84	0.88
154	37.77	38.38	38.96	0.75	0.81	0.85	0.75	0.82	0.86
156	40.10	40.75	41.34	0.72	0.79	0.83	0.73	0.80	0.83
158	42.60	43.28	43.89	0.70	0.77	0.81	0.71	0.78	0.81
160	45.37	46.07	46.74	0.68	0.75	0.79	0.69	0.76	0.79
162	48.47	49.23	49.95	0.67	0.73	0.76	0.67	0.74	0.77
164	52.13	52.95	53.75	0.65	0.71	0.75	0.66	0.72	0.76
165	54.28	55.18	55.95	0.64	0.71	0.74	0.65	0.71	0.75
168	61.98	61.77	61.62	0.62	0.68	0.71	0.62	0.69	0.72
170	62.49	61.12	60.18	0.61	0.67	0.70	0.61	0.68	0.71
200	51.70	51.73	51.81	0.45	0.50	0.53	0.46	0.52	0.54
250	57.17	57.11	57.14	0.30	0.35	0.38	0.31	0.37	0.39
300	60.78	60.58	60.62	0.22	0.26	0.28	0.23	0.28	0.30
350	62.15	62.05	62.00	0.17	0.21	0.23	0.18	0.22	0.24
400	62.64	62.66	62.62	0.13	0.17	0.19	0.14	0.18	0.19
450	63.04	63.11	63.05	0.11	0.15	0.16	0.12	0.16	0.17
500	63.47	63.66	63.65	0.09	0.13	0.14	0.09	0.14	0.14
600	64.71	64.67	64.73	0.07	0.10	0.12	0.06	0.11	0.12
750	65.37	65.29	65.53	0.05	0.09	0.10	0.03	0.09	0.09
1000	60.29	60.23	60.35	0.04	0.09	0.10	0.01	0.08	0.09
1250	42.75	43.23	43.64	0.06	0.11	0.12	0.01	0.09	0.10
1500	48.83	48.94	49.00	0.06	0.11	0.14	0.01	0.09	0.11
1750	55.81	56.54	57.00	0.08	0.14	0.16	0.02	0.11	0.13
1800	62.40	63.07	63.82	0.08	0.14	0.16	0.02	0.11	0.13
1900	81.06	81.36	79.82	0.08	0.14	0.17	0.03	0.12	0.14
2000	69.54	68.76	68.67	0.09	0.16	0.18	0.04	0.13	0.15
2100	65.81	65.77	65.91	0.11	0.18	0.20	0.05	0.14	0.17
2200	63.72	63.53	63.53	0.13	0.19	0.22	0.05	0.15	0.18
2300	62.10	62.28	62.20	0.13	0.20	0.23	0.06	0.15	0.18
2400	61.05	60.97	61.00	0.14	0.21	0.24	0.06	0.16	0.19
2500	61.05	60.46	60.96	0.15	0.22	0.25	0.07	0.16	0.20
2600	59.79	59.49	60.09	0.16	0.23	0.26	0.08	0.17	0.21
2700	59.81	60.24	60.16	0.16	0.23	0.27	0.08	0.17	0.21
2800	58.59	58.85	58.93	0.16	0.24	0.27	0.08	0.18	0.21
2900	59.53	59.97	59.77	0.16	0.24	0.28	0.08	0.18	0.22
3000	59.53	59.66	59.28	0.16	0.24	0.28	0.08	0.18	0.21



Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1	6.26	6.24	6.24
2	6.37	6.37	6.34
4	6.25	6.20	6.24
6	6.18	6.17	6.19
8	6.13	6.13	6.13
10	6.13	6.13	6.14
12	6.13	6.13	6.14
14	6.13	6.14	6.15
16	6.14	6.15	6.16
18	6.15	6.16	6.17
20	6.16	6.17	6.18
22	6.18	6.19	6.20
24	6.20	6.21	6.22
26	6.22	6.23	6.25
28	6.25	6.26	6.28
30	6.28	6.29	6.31
32	6.31	6.33	6.35
34	6.35	6.37	6.39
36	6.39	6.41	6.43
38	6.44	6.45	6.47
40	6.48	6.50	6.52
42	6.53	6.55	6.57
44	6.58	6.60	6.62
46	6.63	6.65	6.67
48	6.70	6.71	6.74
50	6.76	6.78	6.80
52	6.82	6.84	6.87
54	6.90	6.92	6.94
56	6.97	6.99	7.01
58	7.05	7.07	7.10
60	7.14	7.16	7.18
62	7.23	7.25	7.27
64	7.33	7.35	7.37
66	7.44	7.46	7.48
68	7.55	7.58	7.61
70	7.68	7.71	7.73
72	7.82	7.85	7.88
74	7.97	8.00	8.04
76	8.13	8.17	8.20
78	8.31	8.35	8.39
80	8.50	8.54	8.58
82	8.70	8.75	8.80
84	8.92	8.97	9.02
86	9.15	9.21	9.26
88	9.40	9.46	9.52
90	9.67	9.74	9.80
91	9.82	9.89	9.95
92	9.97	10.04	10.11
93	10.13	10.20	10.27
94	10.30	10.37	10.44
95	10.48	10.55	10.63
96	10.67	10.75	10.83
97	10.88	10.96	11.04
98	11.10	11.19	11.28
99	11.34	11.43	11.53
100	11.61	11.70	11.80
101	11.90	12.00	12.11
102	12.21	12.33	12.44
103	12.57	12.69	12.81
105	13.38	13.52	13.66