

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
10	0.34	0.43	0.53	26.68	25.47	24.09	26.63	25.44	24.03
12	0.36	0.45	0.55	25.58	24.59	23.39	25.60	24.63	23.38
14	0.38	0.47	0.58	24.60	23.78	22.73	24.70	23.90	22.77
16	0.40	0.49	0.60	23.75	23.06	22.12	23.90	23.22	22.21
18	0.42	0.52	0.63	23.02	22.43	21.59	23.19	22.62	21.70
20	0.44	0.54	0.65	22.39	21.86	21.10	22.58	22.08	21.23
22	0.47	0.56	0.68	21.88	21.41	20.72	22.06	21.64	20.86
24	0.49	0.59	0.70	21.46	21.04	20.41	21.68	21.30	20.57
26	0.51	0.62	0.73	21.15	20.78	20.20	21.39	21.05	20.36
28	0.54	0.64	0.76	20.92	20.58	20.05	21.18	20.87	20.23
30	0.56	0.67	0.79	20.80	20.49	20.00	21.06	20.79	20.18
32	0.58	0.70	0.82	20.77	20.49	20.04	21.03	20.79	20.20
34	0.60	0.72	0.85	20.83	20.57	20.15	21.10	20.88	20.32
36	0.63	0.75	0.88	21.00	20.76	20.37	21.28	21.07	20.54
38	0.65	0.77	0.90	21.30	21.07	20.72	21.58	21.38	20.87
40	0.67	0.79	0.93	21.75	21.53	21.19	22.04	21.86	21.35
42	0.68	0.82	0.95	22.36	22.14	21.81	22.66	22.48	21.97
44	0.70	0.84	0.98	23.14	22.91	22.58	23.45	23.27	22.74
46	0.72	0.86	1.00	24.17	23.91	23.56	24.48	24.27	23.70
48	0.74	0.88	1.03	25.46	25.14	24.72	25.80	25.55	24.87
50	0.75	0.90	1.06	27.01	26.58	25.99	27.48	27.10	26.21
52	0.77	0.93	1.08	28.74	28.10	27.19	29.40	28.76	27.47
54	0.79	0.95	1.12	30.08	29.13	27.79	31.00	29.95	28.16
56	0.82	0.98	1.15	29.88	28.83	27.28	30.86	29.62	27.67
58	0.84	1.01	1.18	28.07	27.20	25.81	28.82	27.81	26.14
60	0.87	1.04	1.22	25.77	25.13	24.00	26.24	25.52	24.22
62	0.90	1.08	1.26	23.62	23.13	22.24	23.91	23.38	22.36
93	1.67	2.01	2.41	19.01	19.10	18.73	19.99	20.26	19.72
99	2.15	2.64	3.27	15.54	13.98	12.30	16.12	14.44	12.58
100	2.31	2.84	3.52	13.73	12.40	10.95	14.12	12.72	11.15
115	9.44	10.42	11.59	2.26	2.32	2.35	2.31	2.36	2.34
120	12.81	13.80	14.93	1.57	1.69	1.80	1.60	1.73	1.78
140	24.72	25.59	26.55	0.93	1.08	1.21	0.95	1.10	1.18
150	29.53	30.34	31.22	0.86	1.01	1.13	0.89	1.02	1.11
160	33.69	34.44	35.26	0.83	0.97	1.09	0.85	0.98	1.06
170	37.31	38.03	38.79	0.80	0.93	1.05	0.81	0.94	1.02
180	40.52	41.21	41.93	0.77	0.90	1.02	0.78	0.90	0.99
190	43.43	44.09	44.80	0.75	0.88	0.99	0.76	0.88	0.97
200	46.17	46.86	47.59	0.72	0.85	0.96	0.73	0.84	0.94
220	51.97	52.73	53.70	0.67	0.79	0.90	0.68	0.79	0.88
240	59.92	61.18	62.75	0.63	0.74	0.84	0.63	0.73	0.83
260	73.16	70.51	68.01	0.58	0.69	0.80	0.59	0.68	0.78
280	60.49	59.82	59.05	0.54	0.64	0.75	0.54	0.64	0.73
300	56.03	55.80	55.41	0.50	0.60	0.70	0.50	0.59	0.68
320	53.89	53.65	53.45	0.46	0.56	0.65	0.46	0.56	0.63
350	51.62	51.56	51.48	0.41	0.51	0.59	0.42	0.52	0.58
400	50.10	50.09	50.08	0.35	0.44	0.51	0.36	0.46	0.49
450	49.63	49.65	49.70	0.29	0.37	0.42	0.30	0.40	0.41
500	49.65	49.73	49.75	0.25	0.33	0.37	0.27	0.37	0.35
550	50.06	50.14	50.19	0.21	0.29	0.32	0.24	0.33	0.30
600	50.59	50.63	50.73	0.18	0.26	0.28	0.21	0.30	0.26
650	51.66	51.79	51.96	0.17	0.24	0.26	0.20	0.29	0.24
700	52.57	52.77	52.89	0.14	0.21	0.23	0.18	0.26	0.21
750	54.31	54.66	54.84	0.12	0.20	0.21	0.16	0.23	0.19
800	56.87	57.46	58.08	0.11	0.18	0.20	0.15	0.22	0.18
850	62.11	63.44	64.72	0.10	0.17	0.19	0.15	0.21	0.17
900	69.18	65.64	62.10	0.10	0.17	0.19	0.14	0.20	0.17
1000	46.59	45.31	43.71	0.10	0.17	0.21	0.15	0.21	0.19
1100	30.14	28.15	25.64	0.22	0.36	0.53	0.27	0.40	0.51
1200	15.10	15.60	15.57	0.77	0.83	1.00	0.84	0.89	1.00

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+125°C
10	6.31	6.39	6.48
11	6.30	6.39	6.48
12	6.30	6.39	6.48
13	6.30	6.39	6.48
14	6.30	6.39	6.48
15	6.30	6.39	6.48
16	6.30	6.39	6.48
17	6.31	6.39	6.49
18	6.31	6.40	6.49
19	6.31	6.40	6.50
20	6.32	6.40	6.50
21	6.32	6.41	6.50
22	6.33	6.41	6.51
23	6.33	6.42	6.51
24	6.34	6.42	6.52
25	6.34	6.43	6.53
26	6.35	6.45	6.54
27	6.37	6.46	6.55
28	6.38	6.47	6.57
29	6.40	6.48	6.58
30	6.42	6.50	6.60
31	6.43	6.52	6.62
32	6.45	6.54	6.64
33	6.47	6.56	6.66
34	6.49	6.58	6.68
35	6.52	6.61	6.71
36	6.55	6.63	6.74
37	6.57	6.66	6.76
38	6.60	6.69	6.80
39	6.63	6.72	6.82
40	6.67	6.76	6.86
41	6.70	6.79	6.90
42	6.74	6.82	6.93
43	6.77	6.86	6.98
44	6.82	6.90	7.02
45	6.86	6.95	7.06
46	6.90	7.00	7.11
47	6.95	7.05	7.16
50	7.10	7.20	7.32
52	7.21	7.31	7.44