

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	0.41	0.53	0.63	26.47	24.55	23.22	26.47	24.55	23.22
2.0	0.43	0.55	0.64	24.24	22.91	21.93	24.28	22.95	21.97
5.0	0.51	0.63	0.72	19.40	18.81	18.38	19.43	18.86	18.43
10.0	0.63	0.74	0.84	16.89	16.57	16.33	16.93	16.66	16.45
15.0	0.71	0.82	0.92	19.30	19.14	18.99	19.40	19.37	19.29
20.0	0.86	0.99	1.10	37.36	36.81	35.58	37.26	43.60	48.89
22.0	0.97	1.11	1.24	29.78	28.24	27.43	28.81	27.62	26.96
24.0	1.10	1.26	1.41	22.69	21.89	21.47	22.28	21.50	21.10
26.0	1.24	1.42	1.58	19.61	19.00	18.69	19.34	18.73	18.42
28.0	1.39	1.58	1.77	18.41	17.90	17.65	18.22	17.70	17.46
30.0	1.54	1.75	1.96	18.67	18.24	18.05	18.55	18.13	17.95
31.0	1.62	1.85	2.07	19.36	19.00	18.84	19.29	18.94	18.80
32.0	1.72	1.96	2.20	20.44	20.17	20.07	20.43	20.19	20.12
33.0	1.84	2.09	2.35	21.85	21.75	21.76	21.95	21.90	21.95
34.0	1.98	2.27	2.55	23.26	23.43	23.61	23.54	23.83	24.12
35.0	2.17	2.48	2.79	23.90	24.36	24.76	24.43	25.29	25.98
36.0	2.42	2.77	3.12	22.66	23.27	23.73	23.30	24.59	25.56
37.0	2.78	3.19	3.58	19.33	19.92	20.34	19.88	21.04	21.82
38.0	3.36	3.84	4.29	15.01	15.55	15.94	15.37	16.21	16.78
39.0	4.39	4.92	5.44	10.88	11.38	11.78	11.11	11.73	12.19
40.0	6.11	6.67	7.24	7.64	8.08	8.48	7.77	8.25	8.66
42.0	11.71	12.25	12.81	4.17	4.46	4.80	4.20	4.47	4.78
44.0	18.64	19.12	19.64	2.97	3.13	3.40	2.95	3.08	3.30
44.5	20.40	20.86	21.37	2.81	2.95	3.20	2.79	2.89	3.10
46.0	25.56	26.00	26.49	2.48	2.57	2.79	2.44	2.49	2.66
47.0	28.87	29.30	29.78	2.32	2.40	2.60	2.28	2.30	2.46
47.5	30.46	30.88	31.36	2.26	2.32	2.51	2.21	2.22	2.37
48.0	32.01	32.43	32.91	2.20	2.26	2.44	2.15	2.16	2.30
49.0	34.95	35.35	35.81	2.10	2.14	2.32	2.04	2.04	2.17
50.0	37.60	37.96	38.41	2.02	2.05	2.22	1.95	1.94	2.07
51.0	39.86	40.19	40.59	1.94	1.97	2.13	1.87	1.86	1.98
52.0	41.68	41.94	42.31	1.88	1.90	2.05	1.81	1.79	1.90
53.0	43.01	43.20	43.54	1.82	1.84	1.99	1.74	1.72	1.83
54.0	43.89	44.04	44.29	1.76	1.78	1.93	1.69	1.66	1.77
55.0	44.40	44.50	44.74	1.72	1.73	1.87	1.64	1.61	1.72
60.0	44.36	44.44	44.61	1.53	1.53	1.67	1.45	1.42	1.51
100.0	46.66	46.80	47.01	0.98	1.01	1.13	0.89	0.89	0.99
200.0	56.41	56.37	56.48	0.69	0.77	0.89	0.62	0.67	0.76
300.0	60.58	60.46	60.23	0.64	0.72	0.83	0.57	0.62	0.71
400.0	62.14	62.23	62.11	0.63	0.70	0.80	0.56	0.60	0.69
500.0	62.57	62.56	62.47	0.62	0.69	0.80	0.55	0.60	0.68
600.0	59.16	59.03	58.30	0.61	0.69	0.79	0.55	0.60	0.68
700.0	62.92	63.15	63.43	0.62	0.70	0.81	0.55	0.60	0.68
750.0	56.64	56.64	56.27	0.62	0.69	0.81	0.55	0.60	0.68
800.0	60.50	60.50	59.85	0.63	0.71	0.82	0.56	0.62	0.70
850.0	63.62	63.29	62.69	0.63	0.71	0.83	0.56	0.62	0.70
900.0	64.03	63.82	63.30	0.63	0.72	0.84	0.56	0.62	0.71
950.0	64.01	63.63	63.56	0.63	0.72	0.84	0.55	0.62	0.71
1000.0	63.96	63.71	63.44	0.63	0.72	0.84	0.56	0.63	0.71
1250.0	62.57	62.57	62.38	0.63	0.76	0.88	0.57	0.66	0.74
1500.0	62.22	62.47	62.26	0.66	0.78	0.91	0.60	0.70	0.77
1750.0	61.60	61.61	61.34	0.68	0.82	0.94	0.62	0.72	0.80
2000.0	60.79	60.85	60.54	0.70	0.84	0.97	0.65	0.76	0.84
2200.0	60.49	60.84	60.45	0.72	0.85	0.99	0.68	0.78	0.88
2250.0	61.07	61.00	60.29	0.73	0.87	1.00	0.69	0.79	0.89
2500.0	58.96	59.06	58.82	0.74	0.88	1.02	0.68	0.79	0.90
2750.0	58.17	58.78	57.70	0.74	0.89	1.05	0.69	0.80	0.93
2800.0	59.09	58.95	58.19	0.74	0.89	1.05	0.69	0.81	0.93
2900.0	57.90	58.33	57.20	0.74	0.90	1.07	0.69	0.81	0.94
3000.0	58.25	58.09	57.00	0.74	0.90	1.07	0.69	0.82	0.96

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1.0	17.62	17.61	17.64
1.5	17.41	17.43	17.44
2.0	17.29	17.32	17.32
2.5	17.13	17.16	17.16
3.0	17.07	17.10	17.11
3.5	17.00	17.04	17.05
4.0	16.95	16.99	17.01
4.5	16.95	16.99	17.01
5.0	16.93	16.96	16.98
5.5	16.92	16.95	16.98
6.0	16.91	16.94	16.98
6.5	16.92	16.95	16.99
7.0	16.94	16.98	17.00
7.5	16.96	17.00	17.05
8.0	17.00	17.05	17.08
8.5	17.04	17.09	17.13
9.0	17.09	17.16	17.20
9.5	17.18	17.23	17.28
10.0	17.25	17.31	17.36
10.5	17.33	17.40	17.45
11.0	17.42	17.49	17.55
11.5	17.53	17.61	17.67
12.0	17.62	17.71	17.77
12.5	17.75	17.84	17.90
13.0	17.88	17.97	18.04
13.5	18.03	18.13	18.20
14.0	18.18	18.28	18.35
14.5	18.33	18.44	18.51
15.0	18.51	18.61	18.70
15.5	18.65	18.77	18.85
16.0	18.85	18.97	19.05
16.5	19.01	19.15	19.23
17.0	19.22	19.33	19.42
17.5	19.38	19.51	19.59
18.0	19.58	19.71	19.79
18.5	19.77	19.90	19.99
19.0	19.97	20.10	20.19
19.5	20.18	20.30	20.40
20.0	20.38	20.52	20.59
20.5	20.58	20.71	20.79
21.0	20.80	20.92	21.00
21.5	21.01	21.14	21.21
22.0	21.24	21.34	21.42
22.5	21.47	21.58	21.65
23.0	21.72	21.83	21.88
23.5	21.98	22.09	22.14
24.0	22.25	22.33	22.40
24.5	22.55	22.64	22.69
25.0	22.88	22.97	23.01
25.5	23.23	23.30	23.36
26.0	23.59	23.67	23.71
26.5	24.01	24.09	24.13
27.0	24.45	24.52	24.58
27.5	24.94	25.01	25.06
28.0	25.49	25.57	25.61
28.5	26.07	26.16	26.21
29.0	26.71	26.80	26.86
29.5	27.42	27.52	27.58
30.0	28.18	28.28	28.35