

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
0.5	0.41	0.54	0.64	26.68	24.30	22.82	26.70	24.31	22.83
1	0.41	0.54	0.66	26.56	24.23	22.77	26.58	24.25	22.78
5	0.43	0.56	0.66	24.09	22.66	21.61	24.18	22.72	21.69
10	0.46	0.59	0.70	21.49	20.73	20.15	21.63	20.87	20.27
12	0.47	0.60	0.71	20.97	20.36	19.86	21.10	20.51	20.03
14	0.49	0.61	0.70	20.75	20.26	19.83	20.92	20.40	19.99
16	0.49	0.61	0.71	20.84	20.42	20.03	20.98	20.56	20.23
18	0.49	0.61	0.71	21.25	20.88	20.54	21.40	21.05	20.77
20	0.51	0.63	0.73	22.01	21.72	21.41	22.22	21.92	21.65
22	0.52	0.65	0.75	23.21	22.97	22.72	23.39	23.20	23.01
24	0.54	0.66	0.77	25.00	24.83	24.58	25.21	25.06	24.94
26	0.56	0.68	0.79	27.49	27.43	27.21	27.76	27.75	27.65
28	0.59	0.71	0.82	31.32	31.39	31.15	31.59	31.72	31.66
30	0.61	0.75	0.86	37.47	37.46	36.76	37.59	37.46	37.00
32	0.64	0.78	0.89	42.49	39.51	37.76	41.05	38.18	36.60
34	0.68	0.82	0.94	36.31	34.45	33.41	35.74	33.77	32.67
36	0.72	0.87	0.99	33.02	31.64	30.83	32.76	31.25	30.35
38	0.76	0.92	1.04	31.96	30.70	29.93	31.87	30.47	29.61
40	0.81	0.97	1.10	32.71	31.38	30.56	32.58	31.16	30.22
42	0.86	1.02	1.16	35.90	34.20	33.06	35.27	33.75	32.61
44	0.92	1.09	1.23	46.40	42.50	39.91	39.28	38.54	37.59
46	0.99	1.17	1.31	39.72	41.45	43.14	34.94	35.88	36.93
48	1.07	1.25	1.41	32.32	32.70	33.30	30.00	30.36	30.94
50	1.16	1.37	1.54	29.66	29.64	29.88	27.41	27.38	27.62
52	1.29	1.52	1.70	30.51	29.97	29.79	26.72	26.33	26.22
54	1.45	1.71	1.91	32.25	30.57	29.21	25.83	25.01	24.44
56	1.72	2.02	2.26	21.59	21.32	20.82	19.95	19.54	19.10
58	2.23	2.59	2.88	13.83	13.82	13.68	13.36	13.26	13.08
59	2.68	3.07	3.39	10.95	10.99	10.94	10.66	10.64	10.55
60	3.29	3.71	4.06	8.59	8.67	8.68	8.38	8.43	8.41
62	5.15	5.64	6.04	5.13	5.29	5.38	5.04	5.16	5.23
64	7.78	8.29	8.71	3.16	3.34	3.46	3.10	3.26	3.38
66	10.91	11.42	11.84	2.09	2.27	2.39	2.06	2.23	2.35
68	14.21	14.71	15.11	1.53	1.69	1.81	1.51	1.66	1.77
70	17.54	18.02	18.41	1.22	1.36	1.46	1.20	1.34	1.44
72	20.81	21.27	21.65	1.02	1.15	1.25	1.01	1.14	1.22
74	24.02	24.48	24.88	0.90	1.02	1.11	0.89	1.01	1.09
75	25.60	26.05	26.43	0.85	0.96	1.04	0.84	0.95	1.03
76	27.17	27.62	28.00	0.81	0.92	1.00	0.80	0.91	0.99
78	30.26	30.70	31.08	0.74	0.85	0.92	0.73	0.84	0.90
79	31.80	32.24	32.61	0.71	0.81	0.88	0.71	0.81	0.87
80	33.35	33.76	34.16	0.69	0.78	0.85	0.68	0.77	0.83
90	49.74	50.14	50.80	0.52	0.59	0.64	0.52	0.59	0.64
100	71.51	69.99	69.48	0.42	0.48	0.52	0.42	0.49	0.52
200	72.38	73.36	73.41	0.14	0.18	0.21	0.14	0.18	0.20
250	73.98	73.38	73.43	0.10	0.14	0.16	0.10	0.14	0.17
300	73.14	73.98	75.68	0.08	0.12	0.15	0.08	0.12	0.15
500	79.21	79.51	79.72	0.03	0.10	0.14	0.04	0.10	0.13
750	74.21	77.91	76.38	0.04	0.12	0.18	0.03	0.12	0.16
1000	63.59	63.23	63.78	0.03	0.15	0.21	0.03	0.14	0.20
1250	62.26	63.13	63.13	0.04	0.17	0.25	0.06	0.16	0.28
1500	68.40	68.30	67.54	0.08	0.24	0.31	0.07	0.19	0.29
1750	66.34	64.28	64.54	0.07	0.24	0.34	0.04	0.19	0.28
2000	61.35	61.22	60.90	0.09	0.27	0.37	0.10	0.24	0.35
2250	58.23	57.64	57.60	0.08	0.28	0.40	0.12	0.27	0.36
2500	54.72	54.58	54.36	0.08	0.30	0.43	0.08	0.24	0.35
2750	51.80	51.64	51.67	0.10	0.32	0.46	0.13	0.29	0.40
3000	48.97	48.81	48.75	0.11	0.33	0.47	0.12	0.30	0.41
3500	42.77	42.72	42.71	0.10	0.34	0.49	0.13	0.30	0.44
4000	36.50	36.09	35.91	0.11	0.39	0.57	0.14	0.38	0.54

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(ns)		
	@-40°C	@+25°C	@+85°C
0.5	12.38	12.31	12.34
1	12.38	12.34	12.36
5	12.55	12.54	12.56
10	12.53	12.58	12.52
11	12.53	12.56	12.58
12	12.55	12.54	12.56
13	12.65	12.66	12.66
14	12.58	12.62	12.60
15	12.66	12.63	12.70
16	12.71	12.70	12.74
17	12.79	12.80	12.83
18	12.85	12.87	12.91
19	13.04	13.06	13.09
20	13.10	13.13	13.17
21	13.22	13.24	13.28
22	13.28	13.35	13.39
23	13.39	13.44	13.44
24	13.53	13.56	13.59
25	13.63	13.70	13.75
26	13.73	13.81	13.83
27	13.93	13.98	14.01
28	14.05	14.11	14.14
29	14.24	14.28	14.32
30	14.38	14.43	14.43
31	14.59	14.61	14.64
32	14.70	14.72	14.76
33	14.89	14.93	14.95
34	14.99	15.06	15.08
35	15.20	15.22	15.27
36	15.38	15.41	15.49
37	15.63	15.68	15.73
38	15.87	15.92	15.99
39	16.15	16.21	16.25
40	16.46	16.52	16.57
41	16.76	16.86	16.87
42	17.11	17.18	17.23
43	17.50	17.55	17.60
44	17.87	17.93	18.02
45	18.31	18.40	18.47
46	18.78	18.85	18.96
47	19.29	19.39	19.48
48	19.86	19.97	20.09
49	20.46	20.59	20.68
50	21.15	21.27	21.38