

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	0.11	0.1	0.17	35.83	34.45	33.37	35.91	34.53	33.40
1.0	0.11	0.1	0.17	32.37	31.65	30.97	32.45	31.72	31.05
5.0	0.18	0.2	0.24	21.48	21.30	21.16	21.60	21.41	21.31
10.0	0.22	0.3	0.27	20.77	20.72	20.69	20.97	20.93	20.91
20.0	0.36	0.4	0.44	18.63	18.19	17.80	18.06	17.62	17.19
22.0	0.41	0.5	0.49	16.64	16.31	16.00	16.25	15.90	15.58
24.0	0.44	0.5	0.52	16.27	16.03	15.78	15.95	15.70	15.47
26.0	0.43	0.5	0.50	17.73	17.65	17.47	17.51	17.38	17.23
28.0	0.42	0.5	0.49	22.78	22.99	23.03	22.64	22.82	22.91
30.0	0.45	0.5	0.54	36.04	33.81	31.79	34.66	32.30	30.16
31.0	0.49	0.5	0.60	24.90	23.94	23.10	24.25	23.28	22.34
32.0	0.55	0.6	0.68	20.36	19.74	19.16	19.81	19.15	18.52
33.0	0.62	0.7	0.75	18.06	17.58	17.14	17.50	16.99	16.51
34.0	0.66	0.7	0.80	17.25	16.88	16.50	16.60	16.19	15.78
35.0	0.69	0.8	0.82	17.97	17.72	17.40	17.10	16.81	16.49
35.0	0.69	0.8	0.82	17.97	17.72	17.40	17.10	16.81	16.49
35.5	0.69	0.8	0.82	19.15	18.98	18.72	18.05	17.81	17.57
36.0	0.70	0.8	0.84	21.21	21.21	21.04	19.69	19.57	19.48
36.5	0.71	0.8	0.85	24.75	25.13	25.25	22.38	22.47	22.66
37.0	0.74	0.8	0.89	29.08	30.11	31.15	25.96	26.52	27.62
37.5	0.79	0.9	0.95	25.12	24.88	24.80	25.58	25.70	26.28
38.0	0.88	1.0	1.06	19.88	19.47	19.18	21.06	20.74	20.61
38.5	1.00	1.1	1.22	16.41	16.02	15.73	17.52	17.16	16.90
39.0	1.16	1.3	1.40	14.08	13.76	13.48	15.19	14.87	14.62
39.5	1.32	1.5	1.59	12.56	12.30	12.04	13.82	13.56	13.35
40.0	1.51	1.6	1.80	11.56	11.34	11.13	13.23	13.07	12.96
41.0	2.28	2.5	2.70	8.58	8.45	8.30	11.01	11.02	11.24
42.0	5.74	6.1	6.52	3.41	3.36	3.35	4.40	4.41	4.52
43.0	12.52	13.0	13.48	1.41	1.46	1.51	1.83	1.91	2.01
44.0	19.86	20.4	20.86	0.92	0.99	1.05	1.16	1.24	1.32
45.0	26.93	27.5	27.93	0.75	0.82	0.88	0.91	0.99	1.06
46.0	33.87	34.4	34.88	0.68	0.74	0.79	0.78	0.85	0.91
47.0	40.93	41.5	42.00	0.62	0.68	0.72	0.70	0.77	0.81
48.0	48.58	49.1	49.73	0.58	0.63	0.67	0.64	0.69	0.74
49.0	57.81	58.5	59.15	0.54	0.59	0.64	0.59	0.65	0.69
50.0	73.31	73.0	74.70	0.52	0.57	0.60	0.55	0.60	0.64
60.0	76.80	75.6	77.32	0.34	0.37	0.39	0.33	0.38	0.39
70.0	89.67	89.9	98.79	0.25	0.29	0.30	0.23	0.27	0.29
80.0	74.43	74.9	75.18	0.19	0.23	0.24	0.18	0.21	0.23
90.0	71.61	72.7	73.46	0.17	0.19	0.20	0.14	0.17	0.20
100.0	73.18	72.7	73.61	0.12	0.16	0.17	0.11	0.14	0.16
200.0	80.45	82.0	83.67	0.05	0.08	0.08	0.04	0.07	0.08
300.0	85.45	80.9	89.54	0.04	0.09	0.09	0.05	0.08	0.09
400.0	85.80	81.2	86.91	0.07	0.13	0.13	0.06	0.10	0.12
500.0	87.23	82.7	85.68	0.11	0.18	0.18	0.08	0.15	0.15
600.0	80.91	84.28	87.90	0.15	0.22	0.23	0.12	0.19	0.20
700.0	93.25	86.14	82.02	0.19	0.28	0.28	0.14	0.23	0.25
800.0	80.75	81.20	80.84	0.23	0.33	0.33	0.17	0.26	0.28
900.0	87.86	81.58	91.41	0.26	0.36	0.37	0.18	0.28	0.31
1000.0	83.30	89.13	83.21	0.28	0.39	0.40	0.17	0.29	0.33
1100.0	85.82	103.80	82.87	0.34	0.45	0.47	0.19	0.33	0.36
1200.0	89.22	81.18	81.28	0.32	0.44	0.47	0.16	0.32	0.35
1500.0	61.06	67.97	65.69	0.28	0.42	0.47	0.05	0.23	0.32
1600.0	60.47	66.56	60.29	0.26	0.41	0.47	0.01	0.20	0.30
1800.0	63.98	61.64	62.54	0.32	0.58	0.63	0.15	0.27	0.29
2000.0	62.90	58.30	61.37	0.26	0.42	0.48	0.11	0.06	0.14
2200.0	62.55	54.67	58.91	0.29	0.47	0.52	0.06	0.09	0.15
2400.0	51.28	51.27	49.88	0.31	0.49	0.56	0.04	0.19	0.21
2500.0	50.23	49.50	48.69	0.35	0.54	0.64	0.13	0.28	0.32

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-40°C	@+25°C	@+85°C
0.5	22.20	22.27	22.30
1.0	22.17	22.24	22.26
1.5	22.29	22.27	22.32
2.0	22.37	22.32	22.28
2.5	22.26	22.32	22.30
3.0	22.26	22.30	22.30
3.5	22.26	22.30	22.27
4.0	22.23	22.24	22.26
4.5	22.25	22.27	22.26
5.0	22.30	22.29	22.29
6.0	22.23	22.28	22.28
7.0	22.31	22.32	22.36
8.0	22.43	22.43	22.47
9.0	22.63	22.64	22.69
10.0	22.81	22.82	22.84
11.0	23.04	23.10	23.13
12.0	23.35	23.39	23.46
13.0	23.64	23.67	23.71
14.0	23.98	24.04	24.05
15.0	24.31	24.35	24.39
16.0	24.62	24.66	24.68
17.0	25.09	25.11	25.09
18.0	25.39	25.43	25.45
19.0	25.83	25.86	25.83
20.0	26.23	26.24	26.25
21.0	26.71	26.69	26.71
22.0	27.28	27.29	27.28
23.0	27.90	27.93	27.95
24.0	28.73	28.77	28.80
25.0	29.71	29.78	29.84
26.0	30.88	30.96	31.04
27.0	32.18	32.30	32.41
28.0	33.66	33.80	33.88
29.0	35.27	35.41	35.53
30.0	36.91	37.04	37.13
31.0	38.63	38.73	38.80
32.0	40.54	40.63	40.74
33.0	42.85	42.94	43.03
34.0	45.79	45.93	46.09
35.0	49.81	50.07	50.28