

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	0.12	0.15	0.18	38.73	36.57	34.75	37.87	35.80	34.11
1.0	0.12	0.15	0.18	38.11	36.05	34.32	37.54	35.59	33.94
10.0	0.16	0.19	0.22	31.42	30.49	29.70	31.18	30.29	29.54
20.0	0.22	0.25	0.27	28.43	27.63	26.97	28.20	27.50	26.92
30.0	0.28	0.31	0.34	28.78	28.09	27.45	28.35	27.88	27.39
40.0	0.33	0.37	0.40	32.20	31.76	31.23	31.04	31.07	30.83
50.0	0.38	0.43	0.47	39.03	37.14	35.79	34.81	34.45	33.65
60.0	0.45	0.51	0.56	34.62	32.09	30.46	33.28	31.32	29.82
70.0	0.53	0.60	0.66	33.87	31.52	29.81	34.23	31.74	29.99
74.0	0.57	0.64	0.70	36.57	33.94	31.95	38.01	34.79	32.64
80.0	0.63	0.70	0.77	41.29	42.97	41.91	41.54	47.27	50.91
85.0	0.69	0.77	0.85	31.68	32.18	32.66	30.52	31.11	31.50
90.0	0.77	0.86	0.95	26.38	26.17	26.00	25.36	25.23	25.04
95.0	0.87	0.98	1.07	23.96	23.47	23.10	22.79	22.39	22.03
100.0	0.99	1.12	1.23	24.80	24.05	23.53	22.65	22.07	21.62
101.0	1.02	1.15	1.27	25.69	24.83	24.26	22.98	22.35	21.88
102.0	1.05	1.19	1.31	27.07	26.04	25.37	23.44	22.77	22.27
103.0	1.08	1.22	1.35	29.17	27.82	26.99	23.94	23.22	22.69
104.0	1.12	1.27	1.40	32.54	30.47	29.21	24.38	23.63	23.06
105.0	1.16	1.32	1.46	36.93	33.56	31.42	24.45	23.72	23.11
106.0	1.21	1.37	1.52	33.53	32.27	30.41	23.82	23.18	22.57
107.0	1.27	1.44	1.60	27.76	27.49	26.53	22.41	21.90	21.32
108.0	1.35	1.53	1.69	23.53	23.40	22.77	20.51	20.11	19.58
109.0	1.44	1.63	1.81	20.28	20.16	19.66	18.44	18.12	17.64
110.0	1.55	1.76	1.95	17.61	17.47	17.05	16.42	16.15	15.71
115.0	2.70	3.01	3.32	8.74	8.62	8.38	8.46	8.30	8.04
120.0	5.34	5.78	6.25	4.13	4.11	4.04	3.99	3.95	3.86
125.0	9.39	9.91	10.45	2.09	2.14	2.15	1.99	2.03	2.04
130.0	14.01	14.55	15.11	1.27	1.34	1.38	1.19	1.25	1.29
135.0	18.71	19.24	19.80	0.92	0.99	1.04	0.85	0.92	0.96
140.0	23.35	23.87	24.41	0.74	0.81	0.85	0.69	0.75	0.79
145.0	27.94	28.44	28.97	0.64	0.70	0.75	0.59	0.65	0.69
150.0	32.54	33.04	33.57	0.57	0.63	0.67	0.53	0.58	0.62
155.0	37.26	37.75	38.29	0.52	0.57	0.61	0.48	0.53	0.57
160.0	42.24	42.75	43.31	0.48	0.53	0.57	0.44	0.49	0.53
165.0	47.77	48.32	48.91	0.44	0.50	0.53	0.41	0.46	0.50
170.0	54.43	55.02	55.76	0.42	0.47	0.50	0.38	0.43	0.47
175.0	63.82	64.69	65.40	0.39	0.44	0.48	0.36	0.41	0.45
180.0	70.00	68.99	68.37	0.37	0.42	0.45	0.34	0.39	0.42
185.0	64.03	63.58	63.48	0.35	0.40	0.43	0.32	0.37	0.41
190.0	61.82	61.62	61.63	0.33	0.38	0.42	0.31	0.36	0.39
195.0	61.33	61.29	61.32	0.32	0.37	0.40	0.29	0.34	0.38
200.0	61.51	61.41	61.50	0.30	0.35	0.39	0.28	0.33	0.36
250.0	75.86	76.51	76.44	0.20	0.26	0.29	0.20	0.24	0.27
300.0	89.97	97.85	94.78	0.15	0.20	0.24	0.16	0.20	0.22
350.0	83.69	83.28	83.35	0.12	0.18	0.21	0.14	0.18	0.20
400.0	77.31	77.34	76.62	0.11	0.16	0.19	0.12	0.16	0.18
450.0	75.11	75.57	75.32	0.10	0.15	0.19	0.11	0.15	0.18
500.0	74.58	74.17	74.76	0.09	0.15	0.19	0.10	0.14	0.18
550.0	75.02	75.15	75.73	0.09	0.15	0.19	0.09	0.14	0.18
600.0	75.46	76.63	76.25	0.09	0.16	0.20	0.09	0.15	0.18
650.0	77.79	78.20	78.84	0.10	0.17	0.21	0.09	0.16	0.17
700.0	79.85	79.94	80.94	0.10	0.18	0.22	0.10	0.16	0.17
750.0	83.67	82.14	88.49	0.11	0.19	0.24	0.10	0.16	0.18
800.0	88.55	86.46	89.41	0.12	0.21	0.25	0.10	0.16	0.19
850.0	89.97	93.39	89.42	0.12	0.22	0.27	0.10	0.16	0.20
900.0	88.48	89.30	89.16	0.13	0.23	0.28	0.09	0.16	0.21
950.0	81.82	82.11	81.12	0.13	0.24	0.29	0.09	0.16	0.22
1000.0	71.82	71.96	71.45	0.14	0.25	0.31	0.09	0.18	0.23

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
0.5	6.52	6.54	6.56
1.0	6.52	6.53	6.55
2.0	6.40	6.42	6.43
3.0	6.37	6.39	6.39
4.0	6.35	6.38	6.38
5.0	6.33	6.36	6.36
6.0	6.31	6.33	6.34
7.0	6.32	6.34	6.34
8.0	6.31	6.33	6.34
9.0	6.31	6.33	6.34
10.0	6.30	6.33	6.34
11.0	6.31	6.32	6.34
12.0	6.31	6.32	6.34
13.0	6.30	6.32	6.34
14.0	6.30	6.32	6.34
15.0	6.30	6.31	6.33
16.0	6.30	6.32	6.34
17.0	6.30	6.32	6.34
18.0	6.30	6.32	6.34
19.0	6.32	6.33	6.36
20.0	6.32	6.34	6.36
21.0	6.33	6.35	6.37
22.0	6.34	6.35	6.38
23.0	6.35	6.37	6.39
24.0	6.36	6.38	6.40
25.0	6.38	6.39	6.41
30.0	6.45	6.47	6.49
35.0	6.54	6.56	6.58
40.0	6.66	6.68	6.70
45.0	6.80	6.82	6.84
50.0	6.96	6.98	7.00
55.0	7.15	7.17	7.19
60.0	7.36	7.38	7.40
65.0	7.62	7.64	7.67
70.0	7.94	7.96	7.99
75.0	8.31	8.35	8.38
80.0	8.78	8.81	8.86
85.0	9.33	9.37	9.43
90.0	10.00	10.05	10.12
94.0	10.67	10.74	10.82
95.0	10.86	10.94	11.02
100.0	12.11	12.20	12.32
105.0	14.03	14.17	14.34