

*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	0.08	0.10	0.12	43.51	40.87	38.91	42.75	40.31	38.47
1	0.07	0.09	0.11	41.78	39.72	38.06	41.71	39.63	37.98
10	0.11	0.13	0.15	30.79	30.04	29.56	30.85	30.11	29.62
20	0.16	0.18	0.20	26.18	25.48	25.04	26.31	25.65	25.23
25	0.18	0.20	0.22	24.97	24.32	23.89	25.04	24.44	24.04
30	0.20	0.23	0.25	24.14	23.56	23.15	24.21	23.68	23.31
40	0.23	0.26	0.29	23.31	22.94	22.61	23.53	23.22	22.95
50	0.26	0.29	0.32	23.57	23.49	23.30	23.95	23.98	23.88
60	0.28	0.31	0.34	25.06	25.45	25.50	25.61	26.21	26.47
65	0.29	0.33	0.36	26.42	27.16	27.39	27.18	28.28	28.89
70	0.30	0.34	0.37	28.25	29.45	29.88	29.49	31.47	32.79
75	0.32	0.36	0.39	31.00	32.66	33.04	33.31	37.55	41.45
85	0.35	0.40	0.44	35.79	33.17	31.17	44.91	36.15	33.01
90	0.37	0.42	0.47	32.47	29.63	27.98	34.00	30.39	28.53
95	0.39	0.45	0.50	29.01	26.88	25.60	29.33	27.10	25.76
100	0.41	0.48	0.53	26.43	24.87	23.86	26.48	24.95	23.92
110	0.47	0.53	0.59	23.30	22.54	21.93	23.27	22.58	21.98
120	0.52	0.59	0.65	22.11	21.99	21.77	22.10	22.07	21.88
130	0.57	0.64	0.70	22.58	23.23	23.56	22.63	23.40	23.80
140	0.61	0.70	0.77	24.99	26.94	28.42	25.24	27.40	29.20
150	0.68	0.77	0.86	30.76	34.92	35.92	30.91	34.25	34.75
170	0.94	1.08	1.20	31.47	31.94	30.87	31.45	31.67	31.06
176	1.12	1.29	1.45	20.92	20.76	20.33	21.27	21.04	20.74
180	1.35	1.55	1.74	15.75	15.40	14.94	15.96	15.55	15.15
185	1.89	2.17	2.43	10.67	10.31	9.91	10.77	10.37	10.01
186	2.05	2.34	2.63	9.82	9.47	9.09	9.90	9.52	9.18
187	2.23	2.54	2.85	9.01	8.68	8.33	9.08	8.72	8.40
188	2.43	2.77	3.09	8.25	7.95	7.62	8.31	7.98	7.68
189	2.66	3.02	3.36	7.55	7.27	6.96	7.60	7.29	7.02
190	2.91	3.29	3.66	6.89	6.64	6.36	6.93	6.66	6.41
195	4.57	5.04	5.50	4.30	4.18	4.03	4.31	4.18	4.05
200	6.81	7.32	7.84	2.71	2.69	2.64	2.70	2.67	2.64
210	12.22	12.70	13.22	1.28	1.35	1.38	1.25	1.32	1.36
220	17.81	18.20	18.66	0.81	0.89	0.93	0.78	0.85	0.91
230	23.16	23.48	23.87	0.61	0.69	0.73	0.58	0.65	0.71
240	28.26	28.51	28.84	0.50	0.57	0.62	0.47	0.55	0.60
245	30.74	30.96	31.26	0.47	0.54	0.58	0.44	0.51	0.56
250	33.18	33.38	33.66	0.44	0.51	0.55	0.41	0.48	0.53
260	38.01	38.19	38.40	0.39	0.46	0.50	0.37	0.43	0.48
270	42.85	42.98	43.14	0.35	0.42	0.46	0.33	0.39	0.45
275	45.28	45.43	45.55	0.34	0.40	0.45	0.32	0.38	0.43
300	59.10	59.30	59.01	0.28	0.34	0.39	0.27	0.32	0.37
350	69.46	69.41	70.87	0.21	0.27	0.31	0.21	0.26	0.30
400	70.41	70.24	71.77	0.17	0.23	0.27	0.18	0.22	0.27
450	73.19	73.36	75.76	0.14	0.21	0.25	0.15	0.20	0.25
500	75.38	75.95	78.23	0.13	0.20	0.24	0.13	0.18	0.24
600	79.17	78.66	83.12	0.12	0.19	0.24	0.11	0.17	0.23
700	82.29	82.20	86.66	0.12	0.20	0.25	0.10	0.17	0.23
800	88.26	85.65	94.15	0.13	0.22	0.28	0.10	0.17	0.23
900	104.74	100.79	87.38	0.15	0.25	0.31	0.09	0.18	0.25
950	95.07	96.83	84.09	0.15	0.27	0.33	0.09	0.18	0.26
1000	100.45	94.12	82.69	0.17	0.29	0.35	0.09	0.18	0.26
1100	93.25	94.11	85.24	0.19	0.32	0.38	0.09	0.19	0.27
1150	96.92	105.34	85.98	0.20	0.33	0.40	0.10	0.20	0.28
1200	87.15	85.23	98.80	0.22	0.34	0.41	0.10	0.20	0.29
1250	79.56	78.61	85.24	0.22	0.35	0.43	0.11	0.21	0.30
1300	73.05	72.14	75.09	0.23	0.36	0.44	0.11	0.22	0.31
1350	67.64	67.27	68.35	0.24	0.37	0.45	0.11	0.22	0.31
1400	62.35	62.05	62.82	0.25	0.38	0.47	0.11	0.23	0.32
1500	46.89	46.57	46.54	0.26	0.41	0.50	0.16	0.29	0.39

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(ns)		
	@-40°C	@+25°C	@+85°C
0.5	4.59	4.61	4.59
5	4.29	4.23	4.31
10	4.23	4.26	4.26
15	4.21	4.22	4.23
20	4.19	4.21	4.22
21	4.19	4.22	4.22
22	4.19	4.17	4.21
23	4.19	4.21	4.21
24	4.19	4.19	4.21
25	4.19	4.22	4.21
26	4.19	4.17	4.21
27	4.19	4.19	4.21
28	4.20	4.19	4.21
29	4.20	4.22	4.21
30	4.20	4.20	4.22
35	4.21	4.20	4.23
40	4.24	4.23	4.25
45	4.27	4.29	4.28
50	4.30	4.29	4.32
55	4.34	4.33	4.36
60	4.38	4.39	4.40
65	4.43	4.43	4.46
70	4.49	4.50	4.51
75	4.55	4.57	4.57
80	4.62	4.60	4.63
85	4.68	4.70	4.70
90	4.75	4.72	4.77
95	4.83	4.83	4.84
100	4.91	4.91	4.92
105	5.01	5.01	5.02
110	5.11	5.11	5.12
115	5.23	5.21	5.24
120	5.36	5.35	5.38
125	5.51	5.50	5.55
130	5.69	5.70	5.73
135	5.89	5.92	5.94
140	6.12	6.15	6.18
145	6.38	6.40	6.44
150	6.68	6.71	6.75
155	7.03	7.04	7.11
160	7.46	7.46	7.56
165	8.00	7.99	8.13
170	8.71	8.69	8.88
172	9.05	9.00	9.24
175	9.62	9.61	9.82
176	9.82	9.83	10.03