

*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
0.50	0.01	0.02	0.02	54.26	51.84	49.56	54.53	51.89	49.73
2.00	0.03	0.03	0.03	52.86	49.87	48.10	52.69	49.87	48.04
10.00	0.03	0.04	0.05	45.28	42.43	40.78	44.84	42.26	40.74
50.00	0.06	0.09	0.09	32.64	32.50	32.36	32.00	31.95	31.91
100.00	0.10	0.12	0.14	29.42	30.24	31.02	28.68	29.14	29.56
150.00	0.12	0.16	0.18	29.64	30.53	31.04	28.77	29.39	29.78
200.00	0.14	0.19	0.23	27.34	27.17	27.01	27.68	27.65	27.67
250.00	0.19	0.24	0.28	23.35	23.43	23.55	24.19	24.49	24.76
300.00	0.21	0.28	0.32	22.54	22.60	22.74	23.47	23.73	23.98
350.00	0.23	0.31	0.37	23.83	23.80	23.70	24.26	24.33	24.22
400.00	0.31	0.40	0.45	24.17	24.12	24.15	23.73	23.74	23.75
410.00	0.31	0.40	0.46	25.17	25.28	25.43	24.70	24.82	24.97
420.00	0.32	0.42	0.48	27.87	28.24	28.73	27.16	27.56	27.99
430.00	0.34	0.44	0.50	36.32	38.04	40.57	34.44	36.04	37.59
440.00	0.36	0.46	0.54	32.10	30.45	29.02	33.51	31.46	29.87
450.00	0.41	0.53	0.61	21.94	21.16	20.43	22.23	21.43	20.67
460.00	0.54	0.68	0.78	16.12	15.59	15.09	16.20	15.69	15.18
470.00	0.79	0.95	1.08	11.88	11.49	11.13	11.89	11.54	11.18
480.00	1.23	1.44	1.60	8.59	8.33	8.08	8.59	8.36	8.11
490.00	1.97	2.22	2.43	6.08	5.91	5.75	6.04	5.91	5.75
500.00	2.99	3.27	3.51	4.21	4.13	4.03	4.16	4.12	4.03
510.00	4.33	4.64	4.92	2.89	2.87	2.83	2.83	2.85	2.82
520.00	6.04	6.36	6.65	2.01	2.02	2.02	1.95	2.01	2.02
530.00	7.92	8.25	8.54	1.44	1.48	1.51	1.37	1.46	1.49
540.00	9.76	10.08	10.37	1.07	1.13	1.16	1.00	1.10	1.15
550.00	11.58	11.89	12.18	0.83	0.90	0.94	0.76	0.88	0.93
560.00	13.49	13.78	14.07	0.68	0.74	0.79	0.61	0.72	0.78
570.00	15.45	15.73	16.00	0.57	0.64	0.69	0.50	0.62	0.67
580.00	17.36	17.66	17.92	0.50	0.57	0.61	0.43	0.55	0.60
590.00	19.17	19.47	19.71	0.45	0.52	0.56	0.37	0.50	0.55
600.00	20.93	21.21	21.42	0.41	0.48	0.52	0.34	0.46	0.52
610.00	22.75	23.01	23.22	0.38	0.44	0.49	0.32	0.43	0.50
620.00	24.63	24.88	25.13	0.36	0.42	0.47	0.29	0.40	0.47
630.00	26.44	26.70	26.94	0.34	0.40	0.46	0.28	0.39	0.45
640.00	28.17	28.45	28.68	0.33	0.39	0.44	0.26	0.37	0.43
650.00	30.09	30.35	30.60	0.31	0.37	0.42	0.24	0.36	0.42
660.00	32.13	32.41	32.64	0.29	0.36	0.40	0.24	0.35	0.41
670.00	34.10	34.38	34.66	0.29	0.35	0.40	0.22	0.34	0.40
680.00	35.92	36.22	36.50	0.28	0.35	0.39	0.22	0.33	0.40
690.00	38.04	38.33	38.62	0.27	0.33	0.38	0.21	0.33	0.39
700.00	40.63	40.89	41.27	0.26	0.32	0.37	0.20	0.32	0.38
750.00	64.79	65.19	65.25	0.23	0.29	0.34	0.16	0.28	0.36
800.00	48.51	48.57	48.53	0.20	0.27	0.31	0.14	0.26	0.33
900.00	44.40	44.41	44.47	0.16	0.23	0.28	0.10	0.23	0.31
1000.00	44.06	44.23	44.26	0.14	0.22	0.27	0.07	0.21	0.30
1100.00	44.58	44.69	44.80	0.12	0.21	0.27	0.06	0.21	0.30
1200.00	45.25	45.56	45.57	0.11	0.20	0.26	0.04	0.21	0.30
1300.00	46.07	46.36	46.53	0.09	0.20	0.26	0.02	0.21	0.31
1400.00	47.29	47.66	47.92	0.09	0.19	0.27	0.02	0.22	0.31
1500.00	48.33	48.82	48.72	0.10	0.21	0.29	0.02	0.22	0.33
2000.00	54.94	55.08	56.02	0.13	0.26	0.36	0.02	0.26	0.40
2500.00	59.62	59.22	59.85	0.15	0.31	0.41	0.01	0.30	0.46
3000.00	48.77	47.54	46.70	0.23	0.41	0.53	0.08	0.39	0.57
3500.00	39.85	39.71	39.61	0.30	0.48	0.61	0.12	0.46	0.67
4000.00	38.87	37.33	37.15	0.32	0.51	0.65	0.16	0.51	0.70
4500.00	36.58	35.82	35.69	0.31	0.52	0.67	0.11	0.51	0.76
5000.00	34.18	34.17	34.08	0.39	0.58	0.75	0.14	0.57	0.88



## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
0.5	1.57	1.68	1.67
2.0	1.58	1.69	1.66
5.0	1.64	1.68	1.67
10.0	1.66	1.67	1.67
20.0	1.65	1.65	1.66
30.0	1.65	1.65	1.65
40.0	1.65	1.65	1.65
50.0	1.65	1.64	1.64
60.0	1.65	1.65	1.65
70.0	1.65	1.64	1.65
80.0	1.66	1.65	1.65
90.0	1.67	1.66	1.66
100.0	1.67	1.66	1.66
110.0	1.68	1.68	1.67
120.0	1.70	1.69	1.68
130.0	1.71	1.70	1.70
140.0	1.71	1.70	1.70
150.0	1.73	1.72	1.71
160.0	1.74	1.73	1.73
170.0	1.74	1.74	1.73
180.0	1.76	1.75	1.75
190.0	1.78	1.77	1.78
200.0	1.81	1.80	1.79
210.0	1.81	1.81	1.80
220.0	1.83	1.82	1.82
230.0	1.87	1.86	1.85
240.0	1.88	1.88	1.87
250.0	1.90	1.89	1.89
260.0	1.92	1.91	1.91
270.0	1.95	1.95	1.94
280.0	1.99	1.99	1.99
290.0	2.02	2.01	2.00
300.0	2.04	2.04	2.04
305.0	2.06	2.06	2.06
310.0	2.08	2.07	2.07
320.0	2.12	2.12	2.12
330.0	2.17	2.17	2.16
340.0	2.22	2.22	2.22
350.0	2.27	2.26	2.26
360.0	2.33	2.33	2.33
370.0	2.39	2.38	2.38
375.0	2.43	2.42	2.43
380.0	2.45	2.45	2.45
385.0	2.49	2.48	2.49
390.0	2.51	2.52	2.52
395.0	2.55	2.56	2.56
400.0	2.60	2.61	2.60
405.0	2.65	2.66	2.67
410.0	2.72	2.72	2.73
415.0	2.79	2.79	2.80
420.0	2.86	2.86	2.87
425.0	2.93	2.94	2.95
430.0	3.01	3.02	3.03
435.0	3.10	3.12	3.14
440.0	3.21	3.23	3.25
445.0	3.33	3.35	3.38
450.0	3.46	3.49	3.51