

*Typical Performance Data*

FREQ.  (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
10	0.11	0.13	0.17	37.36	35.31	33.46	37.11	35.07	33.22
50	0.15	0.18	0.22	28.80	28.02	27.37	28.85	28.05	27.39
100	0.20	0.24	0.28	24.77	24.38	24.09	24.79	24.36	24.08
200	0.30	0.34	0.38	20.49	20.77	21.00	20.51	20.74	21.00
500	0.49	0.56	0.64	19.16	19.32	19.80	19.17	19.32	19.79
1000	0.89	1.03	1.22	35.61	34.01	30.56	33.66	32.19	29.54
1300	2.71	3.33	4.30	10.92	9.60	8.06	11.63	10.17	8.50
1700	35.33	36.14	37.20	0.61	0.71	0.83	0.61	0.71	0.83
1800	41.98	42.74	43.74	0.57	0.65	0.77	0.57	0.65	0.77
2000	53.79	54.55	55.54	0.51	0.59	0.70	0.52	0.60	0.71
2400	73.74	74.30	75.60	0.45	0.52	0.61	0.46	0.53	0.63
2500	79.04	79.65	82.11	0.43	0.50	0.59	0.44	0.51	0.60
2800	98.17	97.76	104.89	0.37	0.44	0.52	0.39	0.46	0.55
3000	99.52	93.68	100.14	0.34	0.41	0.49	0.36	0.43	0.52
3400	93.15	90.10	107.16	0.28	0.37	0.45	0.31	0.39	0.48
3600	96.45	90.38	93.50	0.27	0.35	0.43	0.30	0.38	0.47
4000	92.25	101.89	89.93	0.26	0.36	0.44	0.29	0.38	0.47
4500	90.26	87.98	96.22	0.30	0.40	0.48	0.32	0.42	0.50
5000	101.99	94.71	94.56	0.36	0.46	0.54	0.37	0.47	0.56
5500	103.19	95.79	100.03	0.42	0.53	0.61	0.43	0.53	0.62
5800	96.67	96.18	92.66	0.45	0.56	0.65	0.46	0.57	0.67
6000	97.32	93.02	93.47	0.47	0.58	0.67	0.49	0.60	0.70
6200	104.16	92.62	91.47	0.48	0.60	0.69	0.52	0.63	0.73
6400	94.48	104.84	99.52	0.49	0.61	0.70	0.54	0.65	0.75
6600	98.12	94.40	98.93	0.49	0.61	0.70	0.57	0.68	0.78
6800	93.92	91.60	96.58	0.51	0.63	0.72	0.59	0.70	0.80
7000	102.78	109.82	107.35	0.52	0.65	0.74	0.60	0.72	0.82
7500	94.99	97.06	99.22	0.56	0.68	0.78	0.65	0.76	0.86
7800	103.35	109.02	94.29	0.59	0.71	0.81	0.66	0.77	0.87
8000	111.93	93.78	86.59	0.62	0.74	0.84	0.67	0.78	0.88
8500	68.41	63.86	59.31	0.74	0.92	1.12	0.73	0.88	1.07
8600	59.11	55.10	53.68	0.87	1.08	1.15	0.81	1.01	1.16
8800	49.19	51.49	53.63	0.86	0.91	0.97	0.94	0.96	1.01
9000	49.59	53.41	59.97	0.75	0.86	0.91	0.80	0.88	0.93
9400	73.78	75.93	79.44	0.62	0.75	0.84	0.61	0.74	0.83
9600	79.54	81.41	80.79	0.58	0.73	0.82	0.58	0.72	0.82
10000	79.50	81.46	80.67	0.56	0.73	0.83	0.57	0.74	0.85
11000	55.81	60.48	66.96	1.73	1.42	1.21	2.73	2.14	1.62
14500	59.97	63.80	68.38	0.93	1.12	1.19	0.99	1.17	1.28
16000	76.18	71.20	68.49	0.84	1.10	1.27	0.86	1.09	1.28
18000	49.17	49.98	50.23	1.10	1.39	1.58	0.98	1.27	1.45
20000	32.62	38.01	46.96	2.59	2.95	2.59	2.72	2.94	3.36
21000	76.22	78.48	80.91	1.15	1.48	1.65	1.50	1.76	1.92
22000	78.33	79.74	78.02	1.34	1.69	1.90	1.28	1.60	1.81
23000	77.12	77.33	76.81	1.53	1.85	2.09	1.34	1.63	1.86
24000	74.89	75.14	75.25	1.35	1.70	1.91	1.26	1.59	1.82
25000	73.20	73.54	73.31	1.01	1.45	1.65	1.14	1.57	1.80
26000	72.90	73.06	74.35	1.23	1.69	1.94	1.34	1.80	2.06
27000	62.55	59.60	56.80	1.86	2.42	2.78	1.88	2.37	2.85
29000	58.18	57.63	56.80	1.65	2.10	2.47	1.62	2.03	2.34
30000	49.70	46.86	42.58	1.92	2.71	3.67	1.59	2.19	2.81
31000	28.15	28.44	31.00	5.96	5.55	4.68	4.00	4.64	4.10
32000	30.39	30.56	30.90	3.73	4.95	6.72	3.27	4.28	5.78
33000	33.88	39.63	45.00	4.31	3.77	3.55	5.07	4.21	3.89
34000	50.06	51.80	52.87	1.85	2.40	2.74	2.29	2.88	3.26
35000	49.39	47.97	45.42	2.50	3.26	3.96	2.80	3.48	4.06
36000	35.37	38.07	42.73	4.22	4.09	4.04	3.83	3.98	3.88
37000	46.69	47.39	47.64	2.38	3.21	4.04	2.07	2.70	3.22
38000	48.16	57.26	61.18	3.90	3.86	3.78	3.37	3.82	3.55
40000	37.72	40.75	42.90	2.90	3.42	3.56	3.41	4.01	4.24

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+125°C
10	1.08	1.09	1.10
20	1.08	1.09	1.10
30	1.08	1.09	1.10
40	1.08	1.08	1.10
50	1.07	1.08	1.10
100	1.07	1.08	1.09
200	1.06	1.07	1.08
220	1.06	1.07	1.08
240	1.06	1.07	1.08
260	1.07	1.07	1.08
280	1.07	1.07	1.09
300	1.07	1.08	1.09
320	1.07	1.08	1.09
340	1.07	1.08	1.09
360	1.08	1.08	1.10
380	1.08	1.09	1.10
400	1.08	1.09	1.10
440	1.09	1.10	1.11
460	1.10	1.10	1.12
480	1.10	1.11	1.12
500	1.11	1.12	1.13
520	1.11	1.12	1.13
540	1.12	1.13	1.14
560	1.13	1.13	1.15
580	1.13	1.14	1.15
600	1.14	1.15	1.16
640	1.16	1.17	1.18
680	1.18	1.18	1.20
700	1.19	1.19	1.21
720	1.20	1.20	1.22
740	1.21	1.22	1.23
760	1.22	1.23	1.24
800	1.24	1.25	1.27
860	1.29	1.30	1.32
900	1.32	1.33	1.35
1000	1.43	1.45	1.47