

*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	0.09	0.12	0.15	36.91	35.20	33.67	36.79	35.06	33.60
50	0.14	0.17	0.20	27.00	26.45	26.03	27.05	26.50	26.07
100	0.19	0.23	0.26	22.27	21.99	21.80	22.27	22.00	21.82
200	0.30	0.33	0.37	17.60	17.79	17.88	17.62	17.82	17.94
500	0.45	0.51	0.55	16.06	16.27	16.73	16.09	16.31	16.77
1000	0.70	0.80	0.90	16.85	16.83	16.94	16.78	16.75	16.86
1575	1.48	1.71	1.99	15.61	16.01	16.90	16.31	16.98	18.64
1600	1.55	1.81	2.15	16.62	17.25	18.01	18.05	19.46	22.17
1700	2.77	3.50	4.49	10.28	8.77	7.26	11.28	9.53	7.84
2000	23.50	24.52	25.64	0.84	0.93	1.04	0.87	0.97	1.09
2200	35.33	36.16	37.12	0.69	0.76	0.87	0.71	0.78	0.90
2600	53.57	54.27	55.01	0.59	0.64	0.73	0.59	0.65	0.75
2800	61.04	61.70	62.32	0.54	0.59	0.68	0.54	0.59	0.69
3000	67.29	68.39	68.77	0.50	0.54	0.63	0.49	0.55	0.64
3400	78.04	79.44	81.27	0.40	0.46	0.55	0.40	0.47	0.56
3600	82.34	85.33	88.87	0.36	0.43	0.52	0.37	0.45	0.54
4000	100.63	90.80	97.14	0.32	0.41	0.49	0.34	0.43	0.52
4500	108.07	92.78	98.21	0.33	0.43	0.51	0.34	0.45	0.54
5000	111.42	96.97	93.54	0.38	0.48	0.56	0.39	0.50	0.59
5500	103.62	95.78	98.97	0.46	0.55	0.63	0.44	0.55	0.64
5800	96.49	108.25	92.84	0.50	0.58	0.66	0.48	0.59	0.67
6000	90.99	96.88	106.54	0.52	0.60	0.68	0.51	0.61	0.70
6200	98.68	107.99	95.28	0.54	0.62	0.70	0.53	0.63	0.72
6400	93.03	95.46	95.51	0.56	0.63	0.71	0.56	0.65	0.74
6600	98.37	98.25	103.29	0.57	0.63	0.72	0.59	0.67	0.76
6800	104.08	100.72	95.75	0.60	0.65	0.74	0.62	0.69	0.78
7000	100.51	93.23	106.46	0.62	0.67	0.76	0.65	0.71	0.81
7400	95.85	103.08	98.35	0.66	0.69	0.79	0.71	0.75	0.85
7800	102.92	96.39	94.30	0.71	0.73	0.83	0.75	0.79	0.89
8000	104.09	95.88	105.37	0.74	0.76	0.85	0.77	0.81	0.90
8500	96.68	90.41	99.63	0.78	0.80	0.89	0.78	0.83	0.92
8600	100.25	88.84	93.21	0.77	0.81	0.90	0.77	0.83	0.91
8800	100.04	90.57	92.94	0.77	0.81	0.90	0.77	0.83	0.91
9000	91.90	89.84	91.31	0.77	0.82	0.91	0.76	0.83	0.92
9400	81.77	76.95	75.94	0.77	0.89	1.04	0.73	0.84	0.95
9600	70.59	68.54	69.08	0.93	1.11	1.08	0.74	0.91	1.08
10000	76.32	81.14	80.67	0.65	0.77	0.84	0.89	0.93	0.96
11000	93.50	82.88	83.14	0.53	0.73	0.85	0.61	0.82	0.95
14000	90.68	91.61	90.40	1.19	1.20	1.27	1.07	1.12	1.21
16000	46.45	49.93	54.13	1.05	1.13	1.24	1.25	1.33	1.46
18000	51.89	49.29	48.51	1.22	1.65	1.88	1.05	1.47	1.81
20000	63.09	57.17	52.04	1.22	1.33	1.48	1.20	1.33	1.49
21000	42.65	43.37	44.40	1.37	1.44	1.64	1.36	1.44	1.64
22000	47.68	49.99	54.11	1.62	1.77	2.01	1.47	1.63	1.84
23000	56.55	58.35	63.24	3.16	3.57	3.17	2.08	2.79	3.49
24000	72.90	74.16	74.18	1.66	1.93	2.11	1.88	2.09	2.27
25000	74.48	74.58	74.23	1.15	1.56	1.73	1.32	1.77	1.97
26000	75.06	75.32	76.09	1.25	1.57	1.76	1.32	1.70	1.90
27000	72.70	72.52	75.98	1.73	1.84	2.05	1.71	1.87	2.12
29000	81.57	75.21	76.98	1.96	2.12	2.35	1.78	1.95	2.18
30000	71.32	82.33	71.39	1.50	1.91	2.22	1.53	1.93	2.32
33000	49.36	47.11	43.20	2.76	3.24	4.16	2.46	2.88	3.62
35000	30.01	31.55	32.80	3.77	3.56	3.79	3.65	3.36	3.51
39000	37.04	37.23	39.63	3.24	3.52	3.95	3.57	4.30	5.01
40000	43.05	46.27	49.03	3.58	3.54	3.92	4.05	3.86	4.17
41000	51.82	52.30	52.31	3.24	3.53	3.73	2.74	3.02	3.20
43000	44.22	50.29	55.93	5.03	4.61	4.58	5.07	4.70	4.63
45000	31.88	27.57	25.65	4.13	4.86	5.39	4.02	4.43	5.04
47000	35.93	38.85	44.12	3.06	3.18	3.41	3.14	3.50	3.65
50000	39.36	35.64	31.70	3.41	5.10	7.00	2.18	3.40	3.55

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+125°C
10	0.90	0.91	0.92
20	0.90	0.90	0.91
30	0.89	0.90	0.91
40	0.89	0.90	0.91
50	0.89	0.90	0.91
100	0.88	0.89	0.90
200	0.87	0.88	0.89
220	0.87	0.88	0.88
240	0.87	0.87	0.88
260	0.87	0.87	0.88
280	0.87	0.87	0.88
300	0.87	0.87	0.88
320	0.87	0.88	0.88
340	0.87	0.88	0.89
360	0.87	0.88	0.89
380	0.87	0.88	0.89
400	0.88	0.88	0.89
440	0.88	0.88	0.89
460	0.88	0.89	0.90
480	0.88	0.89	0.90
500	0.89	0.89	0.90
540	0.89	0.90	0.91
580	0.90	0.91	0.91
600	0.90	0.91	0.92
700	0.92	0.93	0.94
800	0.95	0.95	0.96
900	0.97	0.97	0.98
1000	0.99	1.00	1.01
1100	1.03	1.04	1.05
1200	1.08	1.09	1.11
1300	1.16	1.17	1.19
1400	1.26	1.28	1.30
1500	1.42	1.46	1.50
1520	1.48	1.51	1.55
1540	1.54	1.57	1.61
1575	1.65	1.67	1.68