

*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
1.0	96.78	103.91	95.60	0.00	0.01	0.01	0.00	0.00	0.00
5.0	101.55	100.27	112.36	0.00	0.01	0.00	0.00	0.01	0.00
10.0	99.18	97.05	97.91	0.00	0.00	0.00	0.01	0.00	0.01
20.0	98.76	87.53	90.04	0.00	0.00	0.00	0.00	0.01	0.01
30.0	87.46	98.75	105.41	0.00	0.00	0.00	0.00	0.00	0.00
30.5	95.16	93.36	89.27	0.00	0.00	0.00	0.01	0.00	0.01
40.0	89.25	85.17	104.68	0.01	0.01	0.01	0.00	0.01	0.02
50.0	93.07	99.58	99.43	0.02	0.03	0.04	0.01	0.03	0.05
52.0	99.72	93.68	88.62	0.03	0.03	0.04	0.02	0.04	0.06
53.0	91.95	88.39	97.84	0.03	0.04	0.05	0.02	0.04	0.06
54.0	102.02	92.07	89.64	0.04	0.05	0.06	0.03	0.05	0.07
55.0	89.61	88.73	92.08	0.04	0.06	0.07	0.05	0.06	0.09
56.0	91.07	84.15	88.95	0.06	0.07	0.08	0.05	0.08	0.10
57.0	83.48	81.59	86.61	0.07	0.08	0.10	0.06	0.08	0.12
58.0	81.33	81.70	80.96	0.08	0.10	0.12	0.07	0.10	0.14
59.0	76.59	77.15	77.46	0.10	0.12	0.15	0.10	0.13	0.17
60.0	72.46	72.68	72.16	0.13	0.15	0.19	0.13	0.17	0.22
65.0	42.05	41.41	40.10	0.60	0.70	0.86	0.75	0.88	1.08
66.0	32.93	32.18	30.79	0.99	1.16	1.46	1.32	1.54	1.91
67.0	21.96	21.21	19.89	2.04	2.43	3.15	2.94	3.46	4.39
68.0	10.69	10.52	10.27	6.70	7.86	9.90	10.87	12.99	16.60
68.5	7.50	7.73	8.05	12.82	14.19	16.56	27.43	39.19	31.91
69.0	6.13	6.53	7.05	21.39	22.51	25.41	26.63	25.97	25.85
69.5	5.56	6.00	6.61	31.06	30.78	33.35	27.21	27.32	28.51
69.6	5.50	5.94	6.55	30.59	30.27	32.26	27.64	27.85	29.38
69.7	5.44	5.90	6.51	29.64	29.47	31.12	28.12	28.49	30.40
69.8	5.39	5.85	6.48	28.71	28.71	30.25	28.69	29.20	31.58
69.9	5.36	5.83	6.47	28.00	28.14	29.63	29.42	30.10	32.94
70.0	5.33	5.79	6.46	27.58	27.75	29.22	30.42	31.21	34.46
70.1	5.31	5.79	6.45	27.30	27.55	29.01	31.70	32.62	36.04
70.2	5.30	5.78	6.45	27.22	27.54	28.99	33.54	34.47	37.31
70.3	5.29	5.79	6.46	27.28	27.65	29.11	36.03	36.79	37.71
70.4	5.29	5.79	6.48	27.43	27.90	29.35	39.71	39.34	36.96
70.5	5.30	5.80	6.51	27.65	28.23	29.70	45.04	40.83	35.58
71.0	5.43	5.98	6.79	29.47	30.95	29.95	33.23	31.98	28.27
71.5	5.78	6.41	7.36	28.58	27.68	25.17	26.50	24.18	20.82
72.0	6.48	7.26	8.48	24.76	25.74	28.30	18.23	16.69	14.47
72.5	7.94	9.01	10.68	28.06	25.54	20.01	11.64	10.69	9.29
73.0	10.94	12.35	14.47	12.61	11.28	9.57	6.69	6.24	5.58
73.5	15.65	17.15	19.34	6.37	6.00	5.43	3.81	3.71	3.52
74.0	20.99	22.33	24.34	3.75	3.68	3.50	2.42	2.46	2.45
74.5	26.07	27.24	29.00	2.50	2.52	2.48	1.72	1.79	1.84
75.0	30.66	31.68	33.20	1.81	1.85	1.85	1.30	1.38	1.45
80.0	56.96	57.23	57.55	0.35	0.38	0.41	0.31	0.35	0.39
90.0	71.33	72.24	71.38	0.11	0.12	0.14	0.09	0.12	0.15
100.0	77.69	76.10	77.93	0.05	0.07	0.09	0.05	0.07	0.10
150.0	86.65	79.83	87.51	0.04	0.05	0.07	0.02	0.05	0.06
200.0	89.64	88.85	84.39	0.06	0.08	0.10	0.02	0.06	0.09
250.0	83.04	87.55	84.79	0.08	0.10	0.12	0.05	0.08	0.10
260.0	86.64	86.46	88.06	0.09	0.11	0.14	0.05	0.09	0.10
300.0	83.89	77.18	79.06	0.11	0.13	0.16	0.06	0.10	0.13
400.0	73.79	73.84	72.98	0.16	0.18	0.22	0.09	0.15	0.17
500.0	68.42	68.80	68.67	0.18	0.21	0.25	0.11	0.18	0.21
600.0	67.26	67.52	67.50	0.18	0.22	0.25	0.13	0.20	0.24
700.0	65.66	64.91	65.04	0.17	0.22	0.26	0.13	0.20	0.24
750.0	64.33	64.69	64.46	0.18	0.22	0.26	0.14	0.21	0.25
800.0	64.67	63.97	63.47	0.17	0.22	0.25	0.12	0.21	0.25
900.0	61.96	61.96	62.01	0.17	0.23	0.26	0.12	0.20	0.26
1000.0	57.01	57.09	56.64	0.17	0.23	0.26	0.12	0.21	0.28

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
69.0	266.85	260.06	251.17
69.1	261.72	255.52	247.70
69.2	256.81	251.53	244.30
69.3	252.23	247.40	241.53
69.4	248.65	244.20	238.34
69.5	245.05	241.10	236.06
69.6	241.33	238.45	233.78
69.7	238.81	236.32	232.09
69.8	236.73	233.81	231.03
69.9	234.61	232.25	229.56
70.0	232.87	230.96	228.78
70.1	231.12	229.80	228.13
70.2	230.20	229.43	227.71
70.3	229.18	228.57	227.38
70.4	228.97	228.24	227.37
70.5	228.34	228.13	227.79
70.6	228.90	228.70	228.27
70.7	228.52	228.65	228.63
70.8	229.46	229.52	229.96
70.9	229.90	230.40	231.44
71.0	231.03	231.61	232.78