

## 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	94.04	96.20	93.64	1.10	1.44	1.74	1.14	1.49	1.80
5.0	84.43	83.98	83.29	1.06	1.38	1.66	1.09	1.42	1.71
10.0	79.54	78.71	78.46	0.90	1.17	1.39	0.93	1.20	1.43
15.0	78.21	77.25	79.02	0.72	0.92	1.09	0.74	0.95	1.12
20.0	77.94	77.49	77.60	0.56	0.71	0.83	0.57	0.72	0.85
25.0	78.08	78.22	78.60	0.43	0.54	0.63	0.44	0.55	0.64
30.0	78.47	78.91	78.66	0.33	0.41	0.48	0.34	0.42	0.48
35.0	80.89	82.79	81.36	0.25	0.31	0.36	0.26	0.31	0.36
40.0	92.39	90.56	92.03	0.19	0.23	0.27	0.20	0.24	0.27
45.0	65.05	64.76	64.53	0.16	0.18	0.21	0.16	0.18	0.21
50.0	45.39	45.03	44.71	0.20	0.23	0.25	0.18	0.21	0.25
52.0	35.34	34.91	34.50	0.34	0.38	0.42	0.29	0.34	0.40
55.0	14.05	13.58	13.19	2.21	2.60	3.06	1.93	2.30	2.75
55.5	9.82	9.52	9.33	4.09	4.81	5.62	3.62	4.31	5.10
56.0	6.35	6.35	6.44	8.37	9.66	11.04	7.54	8.74	10.05
56.5	4.38	4.61	4.89	17.41	19.65	21.91	15.70	17.54	19.35
56.8	3.89	4.17	4.48	25.08	28.43	30.20	21.82	23.49	24.06
57.0	3.58	3.88	4.22	34.25	33.25	29.09	24.99	24.27	22.84
57.5	3.27	3.59	3.93	28.50	24.96	22.69	19.76	18.88	18.08
58.0	3.15	3.46	3.80	20.53	19.13	18.16	16.09	15.59	15.26
58.5	3.11	3.42	3.75	16.05	15.72	15.52	13.86	13.81	13.89
59.0	3.10	3.39	3.72	14.37	14.59	14.80	13.28	13.68	14.16
59.5	3.07	3.37	3.71	14.77	15.30	15.67	14.67	15.60	16.58
60.0	3.07	3.40	3.78	16.82	17.13	17.04	19.07	20.88	22.49
60.5	3.17	3.54	3.94	18.00	17.23	16.48	26.25	24.81	23.36
61.0	3.37	3.76	4.20	16.26	15.62	15.28	19.42	18.51	18.16
62.0	4.09	4.65	5.30	19.85	20.59	20.46	19.28	19.22	18.21
62.8	6.40	7.40	8.42	9.60	8.80	8.27	9.50	8.64	8.02
63.0	7.88	8.97	10.04	6.82	6.43	6.21	6.82	6.39	6.10
64.0	15.26	16.29	17.21	2.54	2.65	2.78	2.57	2.68	2.80
65.0	22.07	22.89	23.61	1.49	1.63	1.77	1.51	1.65	1.79
68.0	36.58	37.07	37.46	0.71	0.80	0.89	0.70	0.81	0.91
70.0	43.39	43.77	44.07	0.53	0.61	0.69	0.52	0.62	0.70
80.0	64.72	64.85	65.16	0.26	0.30	0.34	0.24	0.30	0.35
90.0	78.56	77.90	78.39	0.18	0.21	0.24	0.16	0.21	0.25
100.0	92.20	93.18	92.36	0.14	0.17	0.19	0.12	0.16	0.20
200.0	101.89	97.06	102.14	0.04	0.06	0.08	0.02	0.06	0.08
300.0	95.09	94.86	90.91	0.04	0.06	0.08	0.01	0.06	0.08
400.0	91.38	91.74	91.46	0.04	0.07	0.09	0.01	0.07	0.09
500.0	88.60	87.64	88.02	0.05	0.09	0.11	0.01	0.08	0.11
600.0	86.83	85.28	86.15	0.06	0.11	0.13	0.02	0.11	0.14
700.0	86.70	86.72	87.86	0.08	0.13	0.15	0.03	0.13	0.16
800.0	83.69	84.45	86.23	0.10	0.15	0.18	0.05	0.15	0.18
900.0	87.43	86.60	87.08	0.11	0.17	0.19	0.06	0.17	0.21
1000.0	80.24	83.87	83.68	0.12	0.18	0.21	0.08	0.19	0.23
1500.0	67.06	62.43	65.37	0.15	0.23	0.28	0.11	0.25	0.32
2000.0	52.35	56.10	56.76	0.17	0.26	0.33	0.09	0.26	0.37
2500.0	46.20	48.09	49.39	0.15	0.28	0.38	0.05	0.29	0.40
2600.0	44.17	43.38	44.38	0.18	0.31	0.41	0.09	0.32	0.45
3000.0	41.82	41.45	41.35	0.31	0.44	0.53	0.16	0.41	0.58

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
57.0	181.46	176.72	172.12
57.3	171.49	167.56	163.82
57.5	162.68	159.58	156.64
57.8	155.40	152.97	150.68
58.0	149.49	147.61	145.86
58.3	144.67	143.33	142.12
58.5	140.91	140.08	139.33
58.8	138.17	137.84	137.48
59.0	136.46	136.56	136.51
59.3	135.73	136.15	136.30
59.5	135.88	136.45	136.67
59.8	136.68	137.25	137.45
60.0	137.83	138.35	138.50
60.3	139.28	139.66	139.84
60.5	140.91	141.39	141.77
60.8	143.07	143.82	144.59
61.0	146.14	147.50	148.84