

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	109.65	113.44	94.89	0.00	0.00	0.00	0.00	0.00	0.00
5.0	95.56	110.22	107.22	0.00	0.00	0.00	0.00	0.00	0.00
10.0	103.50	102.76	103.31	0.00	0.00	0.00	0.00	0.00	0.00
20.0	99.40	106.02	105.69	0.00	0.00	0.00	0.00	0.00	0.00
30.0	104.69	112.86	95.96	0.00	0.00	0.01	0.01	0.00	0.00
40.0	97.17	94.70	92.65	0.00	0.00	0.00	0.01	0.00	0.00
50.0	94.84	92.38	94.43	0.00	0.00	0.01	0.01	0.01	0.01
60.0	84.84	88.07	86.19	0.01	0.01	0.01	0.01	0.01	0.01
70.0	81.60	80.93	81.53	0.01	0.01	0.01	0.02	0.02	0.02
80.0	77.46	78.44	77.80	0.01	0.02	0.02	0.02	0.03	0.03
90.0	74.29	74.98	74.55	0.01	0.02	0.02	0.03	0.04	0.04
100.0	71.97	71.71	72.03	0.02	0.03	0.03	0.04	0.05	0.06
110.0	69.74	69.73	70.24	0.03	0.04	0.04	0.06	0.07	0.08
120.0	68.90	69.64	69.85	0.04	0.05	0.06	0.09	0.11	0.12
130.0	77.44	78.75	80.39	0.06	0.08	0.10	0.13	0.17	0.18
140.0	57.85	56.52	55.53	0.11	0.14	0.16	0.23	0.28	0.31
145.0	49.06	48.09	47.26	0.15	0.19	0.22	0.32	0.39	0.44
150.0	40.82	40.00	39.29	0.22	0.28	0.32	0.47	0.57	0.64
155.0	32.22	31.49	30.80	0.36	0.45	0.52	0.76	0.91	1.04
155.0	32.22	31.49	30.80	0.36	0.45	0.52	0.76	0.91	1.04
160.0	22.43	21.77	21.09	0.70	0.88	1.03	1.45	1.77	2.03
165.0	11.01	10.62	10.18	2.29	2.85	3.38	4.22	5.24	6.16
170.0	3.52	3.88	4.07	13.01	14.21	15.39	19.89	21.65	21.81
175.0	2.61	3.06	3.34	29.16	27.90	27.22	24.31	24.44	25.38
175.1	2.61	3.05	3.34	29.41	28.03	27.24	24.65	24.81	25.81
175.2	2.61	3.05	3.34	29.64	28.15	27.24	24.96	25.16	26.23
175.3	2.60	3.05	3.34	29.83	28.22	27.19	25.30	25.54	26.69
175.4	2.60	3.05	3.34	29.99	28.26	27.12	25.67	25.95	27.20
175.5	2.60	3.05	3.34	30.14	28.29	27.03	26.04	26.38	27.72
175.6	2.60	3.05	3.35	30.28	28.31	26.92	26.43	26.82	28.26
175.7	2.60	3.05	3.35	30.37	28.28	26.78	26.86	27.32	28.87
175.8	2.59	3.05	3.35	30.43	28.23	26.63	27.25	27.78	29.43
175.9	2.59	3.05	3.35	30.52	28.19	26.47	27.71	28.30	30.07
176.0	2.59	3.05	3.35	30.50	28.07	26.26	28.18	28.85	30.71
176.1	2.59	3.05	3.36	30.46	27.93	26.03	28.66	29.41	31.34
176.2	2.59	3.05	3.36	30.41	27.79	25.81	29.15	29.96	31.91
176.3	2.59	3.06	3.37	30.29	27.58	25.54	29.65	30.52	32.42
176.4	2.60	3.06	3.37	30.15	27.37	25.27	30.17	31.07	32.79
176.5	2.60	3.06	3.37	29.99	27.15	25.00	30.69	31.58	32.99
176.6	2.60	3.06	3.38	29.80	26.91	24.71	31.22	32.03	32.96
176.7	2.60	3.07	3.39	29.57	26.64	24.41	31.64	32.31	32.69
176.8	2.60	3.07	3.39	29.29	26.34	24.09	32.05	32.49	32.25
176.9	2.60	3.08	3.40	28.99	26.03	23.77	32.41	32.49	31.63
177.0	2.61	3.08	3.41	28.67	25.72	23.44	32.60	32.26	30.88
178.0	2.65	3.16	3.51	24.69	22.12	20.05	28.09	25.86	23.76
180.0	2.89	3.47	3.89	16.79	15.32	14.00	17.80	16.57	15.48
185.0	4.77	5.68	6.40	6.33	5.93	5.53	8.49	8.64	8.79
190.0	10.89	12.35	13.57	1.98	1.96	1.88	5.94	6.24	6.25
195.0	21.99	23.26	24.35	0.70	0.79	0.82	2.24	2.49	2.57
197.0	26.28	27.44	28.46	0.54	0.62	0.66	1.66	1.87	1.96
199.0	30.30	31.38	32.35	0.44	0.51	0.55	1.28	1.47	1.55
200.0	32.22	33.28	34.21	0.40	0.47	0.51	1.15	1.32	1.39
250.0	68.43	66.60	65.80	0.08	0.10	0.12	0.15	0.19	0.20
300.0	62.11	61.64	61.09	0.07	0.10	0.11	0.11	0.15	0.14
400.0	61.11	60.67	60.33	0.10	0.13	0.14	0.12	0.16	0.16
500.0	58.87	58.03	58.44	0.14	0.19	0.22	0.15	0.19	0.19
600.0	82.51	78.36	76.37	0.16	0.20	0.23	0.16	0.21	0.22
700.0	87.70	85.62	85.63	0.17	0.22	0.25	0.16	0.22	0.23
800.0	58.83	63.16	59.95	0.19	0.23	0.28	0.17	0.22	0.25
900.0	71.89	71.52	72.34	0.19	0.24	0.28	0.17	0.22	0.25
1000.0	69.08	68.85	64.60	0.20	0.26	0.30	0.18	0.24	0.27



## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
175.00	43.34	43.09	42.89
175.05	43.22	42.99	42.79
175.10	43.06	42.93	42.69
175.15	43.09	42.93	42.81
175.20	43.04	42.84	42.58
175.25	43.16	42.93	42.69
175.30	43.07	42.90	42.79
175.35	42.87	42.70	42.52
175.40	43.10	42.81	42.81
175.45	42.94	42.71	42.66
175.50	42.95	42.86	42.61
175.55	42.89	42.70	42.66
175.60	42.87	42.68	42.58
175.65	42.92	42.64	42.57
175.70	42.86	42.69	42.59
175.75	42.71	42.70	42.44
175.80	42.80	42.64	42.56
175.85	42.69	42.50	42.54
175.90	42.72	42.57	42.52
175.95	42.62	42.53	42.48
176.00	42.62	42.61	42.52
176.05	42.66	42.51	42.54
176.10	42.60	42.45	42.48
176.15	42.64	42.55	42.53
176.20	42.71	42.64	42.57
176.25	42.59	42.58	42.55
176.30	42.61	42.58	42.54
176.35	42.60	42.54	42.50
176.40	42.60	42.63	42.50
176.45	42.62	42.57	42.54
176.50	42.49	42.47	42.44
176.55	42.56	42.40	42.45
176.60	42.56	42.44	42.46
176.65	42.56	42.61	42.62
176.70	42.47	42.44	42.53
176.75	42.48	42.39	42.52
176.80	42.56	42.52	42.49
176.85	42.56	42.53	42.57
176.90	42.44	42.47	42.54
176.95	42.56	42.53	42.60
177.00	42.50	42.38	42.53