

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	100.87	88.76	86.65	0.33	0.44	0.53	0.32	0.43	0.53
5.0	86.34	85.54	89.89	0.37	0.48	0.57	0.36	0.47	0.57
10.0	84.53	82.29	83.91	0.39	0.49	0.58	0.38	0.49	0.57
50.0	82.57	84.28	82.19	0.26	0.29	0.32	0.23	0.28	0.32
55.0	87.14	85.13	82.85	0.24	0.27	0.29	0.20	0.26	0.29
60.0	97.59	103.63	95.32	0.22	0.24	0.27	0.19	0.24	0.28
65.0	83.56	85.46	83.95	0.20	0.23	0.25	0.16	0.22	0.25
70.0	73.71	74.83	73.87	0.19	0.21	0.23	0.15	0.21	0.24
75.0	66.97	66.63	66.47	0.18	0.21	0.23	0.14	0.20	0.23
80.0	59.52	59.48	59.29	0.18	0.21	0.23	0.14	0.20	0.24
85.0	51.95	51.69	51.50	0.20	0.24	0.26	0.17	0.23	0.26
90.0	43.25	42.99	42.66	0.26	0.31	0.35	0.22	0.30	0.34
95.0	32.87	32.55	32.17	0.42	0.51	0.58	0.39	0.50	0.56
98.0	25.37	25.01	24.56	0.68	0.82	0.94	0.66	0.81	0.93
100.0	19.63	19.26	18.79	1.06	1.29	1.49	1.05	1.30	1.49
102.5	11.65	11.41	11.04	2.47	2.99	3.49	2.52	3.06	3.55
105.0	4.91	5.13	5.19	8.82	10.08	11.34	9.14	10.49	11.81
106.0	3.60	3.95	4.14	15.05	16.57	18.14	15.91	17.73	19.59
107.0	2.97	3.36	3.59	24.48	25.60	26.92	29.01	30.96	32.51
108.0	2.68	3.07	3.31	26.77	27.01	27.66	27.75	27.37	27.30
109.0	2.52	2.90	3.15	25.21	25.97	26.96	24.87	25.23	25.72
110.0	2.43	2.81	3.05	26.37	27.28	28.50	25.74	26.23	26.95
111.0	2.37	2.75	3.00	29.26	30.38	32.02	28.38	29.00	30.08
112.0	2.34	2.72	2.98	34.10	35.50	35.95	32.54	33.44	34.11
112.5	2.34	2.73	2.99	37.26	36.69	33.95	35.05	34.95	33.33
113.0	2.34	2.73	3.00	37.74	34.14	30.71	36.04	33.59	30.63
113.5	2.35	2.75	3.02	34.23	30.71	27.87	33.83	30.68	27.91
114.0	2.37	2.77	3.05	30.92	28.10	25.80	30.88	28.14	25.82
114.5	2.39	2.80	3.09	28.35	26.14	24.29	28.57	26.31	24.37
115.0	2.42	2.84	3.13	26.69	24.91	23.41	26.82	25.00	23.42
115.5	2.45	2.88	3.19	25.80	24.37	23.16	25.94	24.44	23.15
116.0	2.50	2.94	3.25	25.67	24.54	23.61	25.85	24.63	23.58
116.5	2.55	3.00	3.34	26.74	25.84	25.10	26.78	25.75	24.83
117.0	2.62	3.10	3.45	29.82	28.74	27.54	29.20	27.90	26.51
117.5	2.72	3.23	3.61	35.16	30.52	27.05	31.39	28.25	25.43
118.0	2.86	3.41	3.85	27.71	24.57	21.86	25.94	23.37	20.96
120.0	4.44	5.29	6.03	9.97	9.37	8.67	9.79	9.22	8.51
130.0	26.38	26.99	27.56	0.89	0.99	1.05	0.86	0.99	1.05
132.0	29.73	30.26	30.76	0.75	0.84	0.89	0.72	0.84	0.89
140.0	40.24	40.56	40.85	0.46	0.52	0.56	0.43	0.52	0.58
145.0	45.25	45.50	45.73	0.37	0.43	0.46	0.34	0.43	0.48
150.0	49.48	49.66	49.89	0.32	0.36	0.40	0.28	0.37	0.42
155.0	53.11	53.32	53.56	0.27	0.32	0.35	0.24	0.32	0.37
160.0	56.55	56.68	56.83	0.25	0.29	0.31	0.21	0.28	0.33
170.0	61.87	62.19	62.35	0.20	0.23	0.26	0.17	0.24	0.28
180.0	66.71	66.97	67.06	0.17	0.21	0.23	0.14	0.21	0.24
190.0	70.88	70.87	71.57	0.15	0.18	0.21	0.12	0.19	0.22
200.0	76.43	75.22	74.46	0.14	0.17	0.19	0.10	0.17	0.20
300.0	92.29	95.50	92.38	0.08	0.11	0.13	0.03	0.11	0.14
400.0	88.78	91.57	90.61	0.07	0.10	0.12	0.01	0.11	0.14
500.0	90.61	92.87	86.70	0.07	0.11	0.13	0.01	0.12	0.16
600.0	87.25	87.71	85.61	0.08	0.13	0.15	0.02	0.14	0.18
700.0	87.19	88.30	87.26	0.10	0.15	0.17	0.02	0.16	0.21
800.0	81.46	79.92	83.09	0.11	0.17	0.19	0.03	0.18	0.23
900.0	82.82	82.35	73.34	0.12	0.19	0.22	0.04	0.20	0.25
1000.0	80.80	78.05	81.33	0.14	0.20	0.23	0.04	0.21	0.27
1100.0	72.02	76.64	80.32	0.15	0.21	0.25	0.05	0.23	0.28
1200.0	84.75	74.27	80.62	0.15	0.22	0.26	0.05	0.23	0.30
1300.0	71.49	67.54	70.27	0.16	0.23	0.28	0.05	0.24	0.31
1400.0	64.16	67.08	65.25	0.17	0.24	0.29	0.05	0.25	0.34
1500.0	87.31	78.98	93.12	0.17	0.24	0.30	0.04	0.26	0.36
1600.0	77.11	71.79	70.56	0.17	0.25	0.31	0.04	0.26	0.38
1700.0	65.06	69.61	64.92	0.17	0.25	0.32	0.03	0.26	0.40
1800.0	69.67	63.89	67.37	0.16	0.26	0.33	0.03	0.27	0.42
1900.0	56.87	63.28	57.80	0.17	0.27	0.35	0.03	0.28	0.44
2000.0	61.64	63.88	62.90	0.17	0.28	0.36	0.01	0.28	0.43

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
108.0	64.84	63.58	62.67
108.5	62.28	61.36	60.71
108.9	60.66	59.91	59.23
109.0	60.25	59.57	58.97
109.5	58.43	57.98	57.52
109.9	57.52	57.11	56.78
110.0	57.22	56.89	56.54
110.5	56.39	56.09	55.75
111.0	55.39	55.25	55.01
111.5	54.78	54.58	54.49
112.0	54.18	54.13	54.01
112.5	53.93	53.82	53.82
113.0	53.73	53.62	53.67
113.1	53.67	53.59	53.67
113.2	53.66	53.62	53.66
113.3	53.68	53.65	53.76
113.4	53.68	53.60	53.73
113.5	53.64	53.69	53.70
114.0	53.70	53.74	53.92
114.5	53.98	54.16	54.35
114.6	54.02	54.13	54.41
114.7	54.07	54.29	54.53
114.8	54.23	54.40	54.66
114.9	54.27	54.50	54.73
115.0	54.31	54.51	54.91
115.1	54.50	54.77	55.01
115.2	54.68	54.96	55.36
115.3	54.81	55.09	55.44
115.4	54.97	55.20	55.77
115.5	55.00	55.42	55.89
115.6	55.15	55.54	55.99
115.7	55.40	55.76	56.24
115.8	55.66	56.05	56.59
115.9	55.85	56.26	56.92
116.0	56.02	56.53	57.11
116.1	56.34	56.78	57.38
116.2	56.43	57.00	57.57
116.3	56.77	57.29	58.00
116.4	57.01	57.64	58.37
116.5	57.32	57.91	58.68
116.6	57.58	58.30	59.05
116.7	57.98	58.66	59.46
116.8	58.39	59.08	59.97
116.9	58.78	59.46	60.39
117.0	59.15	59.93	60.90
117.1	59.55	60.28	61.21
117.2	59.84	60.66	61.59
117.3	60.35	61.08	62.00
117.4	60.74	61.52	62.37
117.5	61.27	62.00	63.00
117.6	61.81	62.57	63.57
117.7	62.10	62.98	63.85
117.8	62.64	63.43	64.40
117.9	63.22	63.87	64.78
118.0	63.71	64.50	65.31