

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	101.92	94.17	90.26	0.01	0.01	0.01	0.00	0.00	0.00
3	80.17	80.09	85.10	0.01	0.01	0.02	0.00	0.00	0.00
7	66.03	66.44	65.47	0.02	0.02	0.02	0.00	0.00	0.00
10	59.50	59.50	59.48	0.02	0.02	0.03	0.00	0.00	0.00
14	53.51	53.48	53.46	0.02	0.03	0.03	0.00	0.00	0.00
18	48.94	48.91	48.88	0.03	0.04	0.04	0.00	0.00	0.00
22	45.20	45.18	45.15	0.03	0.04	0.04	0.00	0.00	0.00
25	42.73	42.70	42.69	0.04	0.05	0.05	0.00	0.00	0.00
28	40.47	40.46	40.43	0.04	0.05	0.05	0.00	0.00	0.00
32	37.73	37.71	37.69	0.05	0.06	0.06	0.00	0.01	0.01
35	35.80	35.79	35.76	0.05	0.06	0.07	0.01	0.01	0.01
38	33.97	33.95	33.92	0.06	0.07	0.07	0.01	0.01	0.01
40	32.78	32.76	32.73	0.06	0.07	0.08	0.01	0.01	0.01
43	31.04	31.03	31.00	0.07	0.08	0.08	0.01	0.02	0.02
46	29.34	29.33	29.30	0.07	0.09	0.09	0.02	0.02	0.02
50	27.13	27.11	27.08	0.09	0.10	0.11	0.03	0.03	0.03
55	24.39	24.37	24.34	0.11	0.13	0.14	0.04	0.05	0.05
59	22.21	22.20	22.17	0.15	0.17	0.18	0.06	0.07	0.08
62	20.60	20.58	20.55	0.18	0.20	0.22	0.09	0.10	0.11
66	18.50	18.49	18.47	0.24	0.27	0.29	0.13	0.15	0.16
70	16.62	16.62	16.61	0.35	0.38	0.41	0.21	0.23	0.24
75	15.55	15.62	15.67	0.56	0.62	0.67	0.34	0.38	0.41
79	23.01	23.24	23.33	0.93	1.08	1.22	0.54	0.64	0.72
84	2.38	2.48	2.54	10.47	11.44	12.30	8.50	8.90	9.23
88	0.75	0.86	0.94	28.02	27.23	26.91	22.21	21.51	21.12
90	0.62	0.71	0.78	29.80	30.61	31.16	25.65	25.78	25.86
92	0.56	0.64	0.70	29.59	32.38	34.67	27.06	28.62	29.94
94	0.54	0.62	0.68	24.11	24.98	25.48	23.31	24.10	24.73
96	0.54	0.62	0.68	20.89	21.33	21.61	20.33	20.72	21.06
98	0.56	0.64	0.70	19.33	19.63	19.86	18.71	18.94	19.20
100	0.58	0.67	0.73	18.90	19.13	19.36	18.05	18.20	18.40
102	0.61	0.70	0.77	19.40	19.59	19.84	18.05	18.12	18.28
104	0.65	0.75	0.83	20.75	20.94	21.24	18.46	18.42	18.51
106	0.72	0.84	0.93	22.48	22.72	23.09	18.65	18.48	18.46
108	0.88	1.02	1.14	21.05	21.27	21.44	17.39	17.16	17.05
113	2.90	3.25	3.56	7.44	7.46	7.42	7.31	7.28	7.22
117	12.50	13.14	13.71	1.74	1.89	1.98	1.89	2.04	2.13
119	23.37	22.88	22.36	0.99	1.13	1.23	1.14	1.28	1.37
125	14.71	14.70	14.68	0.57	0.64	0.69	0.66	0.73	0.78
130	14.21	14.27	14.32	0.45	0.50	0.53	0.50	0.55	0.57
140	16.10	16.17	16.22	0.28	0.32	0.34	0.29	0.32	0.33
143	16.80	16.87	16.92	0.25	0.28	0.30	0.25	0.27	0.29
160	20.56	20.62	20.66	0.15	0.18	0.19	0.12	0.14	0.15
175	23.30	23.35	23.38	0.12	0.15	0.16	0.08	0.09	0.10
200	26.86	26.90	26.92	0.12	0.14	0.15	0.04	0.06	0.07
250	31.33	31.34	31.34	0.16	0.19	0.20	0.02	0.03	0.04
300	32.12	32.10	32.06	0.46	0.56	0.64	0.01	0.03	0.04
350	32.83	33.44	33.96	2.58	2.74	2.84	0.01	0.03	0.04
400	55.83	56.26	56.55	0.22	0.26	0.27	0.00	0.03	0.03
450	67.99	67.45	66.77	0.13	0.16	0.16	0.00	0.03	0.04
500	64.85	64.68	64.61	0.11	0.14	0.14	0.00	0.03	0.04
550	67.31	67.20	67.34	0.11	0.14	0.14	0.01	0.03	0.04
600	73.57	73.54	73.28	0.11	0.14	0.14	0.01	0.04	0.05
650	93.44	92.46	91.76	0.11	0.14	0.15	0.01	0.04	0.05
700	72.74	72.58	72.44	0.11	0.15	0.15	0.01	0.05	0.06
750	67.00	66.95	66.74	0.12	0.15	0.16	0.01	0.05	0.06
800	63.58	63.64	63.45	0.12	0.15	0.16	0.02	0.06	0.07
850	61.08	61.07	61.00	0.12	0.16	0.16	0.02	0.06	0.07
900	59.02	58.99	58.96	0.13	0.17	0.17	0.02	0.06	0.08
1000	55.47	55.37	55.36	0.13	0.17	0.18	0.02	0.07	0.09

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(ns)		
	@-40°C	@+25°C	@+85°C
85.0	9.66	10.09	10.51
86.0	13.48	14.92	16.27
86.5	31.31	31.59	31.75
87.0	37.27	36.39	35.72
87.5	36.12	35.23	34.50
88.0	33.23	32.45	31.81
88.5	30.17	29.59	29.09
89.0	27.77	27.34	26.96
89.5	26.09	25.75	25.46
90.0	24.82	24.55	24.31
90.5	23.75	23.54	23.34
91.0	22.85	22.67	22.50
91.5	22.07	21.92	21.78
92.0	21.40	21.27	21.15
92.5	20.81	20.71	20.60
93.0	20.30	20.21	20.12
93.5	19.84	19.77	19.69
94.0	19.44	19.37	19.31
94.5	19.08	19.03	18.97
95.0	18.76	18.72	18.67
95.5	18.49	18.45	18.41
96.0	18.24	18.21	18.18
96.5	18.04	18.01	17.99
97.0	17.86	17.84	17.82
97.5	17.71	17.70	17.69
98.0	17.60	17.59	17.58
98.5	17.52	17.51	17.51
99.0	17.46	17.46	17.47
99.5	17.43	17.44	17.45
100.0	17.44	17.45	17.47
100.5	17.48	17.49	17.51
101.0	17.54	17.56	17.59
101.5	17.64	17.67	17.70
102.0	17.78	17.81	17.84
102.5	17.95	17.98	18.02
103.0	18.15	18.19	18.24
103.5	18.40	18.45	18.50
104.0	18.69	18.74	18.80
104.5	19.03	19.08	19.15
105.0	19.42	19.48	19.55
105.5	19.86	19.93	20.01
106.0	20.37	20.45	20.53
106.5	20.96	21.04	21.13
107.0	21.62	21.70	21.80
107.5	22.42	22.51	22.60
108.0	23.45	23.52	23.61
108.5	24.71	24.74	24.79
109.0	26.12	26.07	26.04
109.5	27.51	27.31	27.14
110.0	28.56	28.12	27.73
111.0	28.79	27.97	27.21