

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	98.83	95.66	101.87	0.03	0.04	0.05	0.01	0.01	0.01
10.0	106.96	98.61	107.07	0.05	0.06	0.07	0.00	0.00	0.00
40.0	95.99	97.24	89.99	0.13	0.15	0.16	0.01	0.01	0.01
50.0	82.65	84.53	82.73	0.15	0.18	0.19	0.01	0.02	0.02
80.0	52.37	52.23	52.09	0.26	0.30	0.33	0.07	0.09	0.10
85.0	48.21	48.11	47.96	0.29	0.33	0.36	0.09	0.11	0.13
90.0	44.09	43.96	43.82	0.33	0.37	0.41	0.12	0.14	0.16
95.0	39.89	39.75	39.61	0.38	0.43	0.47	0.15	0.19	0.21
100.0	35.54	35.39	35.24	0.44	0.51	0.55	0.20	0.25	0.28
105.0	30.99	30.82	30.66	0.54	0.62	0.68	0.28	0.33	0.38
108.0	28.11	27.93	27.77	0.62	0.72	0.78	0.34	0.41	0.46
110.0	26.13	25.94	25.77	0.69	0.80	0.88	0.40	0.48	0.54
114.0	21.96	21.76	21.58	0.90	1.04	1.15	0.56	0.67	0.75
118.0	17.50	17.30	17.11	1.27	1.49	1.64	0.84	1.00	1.12
120.0	15.16	14.97	14.80	1.59	1.86	2.07	1.08	1.28	1.43
126.0	8.17	8.14	8.08	4.07	4.80	5.37	2.83	3.22	3.55
128.0	6.21	6.29	6.31	6.09	7.15	8.00	4.11	4.57	4.95
130.0	4.70	4.89	5.00	9.24	10.78	12.09	5.85	6.28	6.65
136.0	2.82	3.16	3.38	14.50	14.20	13.96	10.03	9.94	9.99
138.0	2.66	3.00	3.22	12.64	12.31	12.08	10.43	10.34	10.38
140.0	2.56	2.89	3.11	11.51	11.23	11.05	10.72	10.68	10.73
142.0	2.49	2.81	3.03	10.89	10.67	10.52	11.01	11.01	11.07
144.0	2.43	2.74	2.96	10.58	10.41	10.28	11.26	11.30	11.35
146.0	2.38	2.68	2.90	10.46	10.34	10.24	11.41	11.47	11.51
148.0	2.34	2.64	2.84	10.46	10.41	10.33	11.44	11.52	11.54
150.0	2.31	2.60	2.80	10.55	10.58	10.55	11.36	11.47	11.50
152.0	2.28	2.56	2.76	10.74	10.87	10.90	11.24	11.40	11.43
154.0	2.25	2.52	2.71	11.02	11.28	11.38	11.14	11.35	11.41
156.0	2.23	2.49	2.68	11.42	11.82	12.02	11.10	11.36	11.46
158.0	2.20	2.45	2.64	11.93	12.49	12.81	11.15	11.48	11.62
160.0	2.17	2.42	2.61	12.54	13.28	13.74	11.30	11.69	11.88
162.0	2.15	2.40	2.58	13.22	14.14	14.75	11.55	11.99	12.23
164.0	2.13	2.39	2.57	13.93	15.00	15.76	11.89	12.38	12.66
166.0	2.12	2.38	2.57	14.63	15.79	16.68	12.34	12.87	13.19
168.0	2.11	2.39	2.58	15.32	16.51	17.48	12.94	13.49	13.84
170.0	2.12	2.41	2.62	16.14	17.35	18.38	13.76	14.33	14.68
172.0	2.15	2.46	2.68	17.33	18.57	19.70	14.97	15.52	15.78
174.0	2.19	2.53	2.78	19.32	20.59	21.84	16.73	17.04	16.98
175.0	2.23	2.59	2.85	20.75	21.90	23.01	17.79	17.76	17.35
179.0	2.60	3.06	3.40	19.29	17.93	17.06	16.49	14.95	13.77
180.0	2.78	3.27	3.64	16.47	15.39	14.68	14.40	13.13	12.15
186.0	5.16	5.83	6.33	6.18	6.05	5.93	5.48	5.29	5.09
190.0	7.92	8.61	9.13	3.40	3.44	3.45	2.94	2.96	2.93
194.0	11.06	11.71	12.20	2.06	2.14	2.19	1.74	1.83	1.86
200.0	15.66	16.22	16.66	1.17	1.25	1.31	0.97	1.07	1.11
208.0	21.05	21.53	21.89	0.71	0.77	0.81	0.58	0.66	0.71
210.0	22.27	22.72	23.08	0.64	0.70	0.74	0.52	0.60	0.65
220.0	27.65	28.02	28.32	0.44	0.49	0.52	0.36	0.42	0.46
240.0	35.82	36.09	36.32	0.28	0.31	0.33	0.22	0.26	0.29
250.0	38.99	39.23	39.44	0.24	0.27	0.29	0.18	0.22	0.25
260.0	41.71	41.93	42.09	0.22	0.25	0.26	0.15	0.19	0.22
300.0	49.34	49.44	49.56	0.17	0.20	0.21	0.10	0.13	0.16
320.0	51.80	51.98	51.95	0.16	0.19	0.20	0.08	0.12	0.14
360.0	55.09	55.15	55.18	0.15	0.18	0.19	0.06	0.10	0.12
400.0	57.03	57.11	57.19	0.15	0.18	0.19	0.05	0.09	0.11
500.0	59.85	60.09	60.19	0.15	0.18	0.20	0.04	0.08	0.10
600.0	62.22	62.56	62.62	0.15	0.19	0.21	0.04	0.08	0.11
700.0	64.91	65.30	65.52	0.15	0.19	0.22	0.05	0.09	0.12
800.0	69.09	69.82	70.97	0.15	0.20	0.22	0.05	0.11	0.13
900.0	80.58	84.68	86.88	0.15	0.20	0.23	0.06	0.12	0.15
1000.0	74.32	73.09	72.24	0.14	0.20	0.24	0.07	0.13	0.17
2000.0	47.24	46.95	46.86	0.15	0.26	0.34	0.15	0.24	0.30
3000.0	40.76	39.37	39.19	0.32	0.47	0.57	1.36	1.12	1.00

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
136.0	23.45	22.94	22.58
136.5	23.07	22.57	22.21
137.0	22.69	22.20	21.85
138.0	21.90	21.44	21.11
139.0	21.12	20.70	20.40
140.0	20.39	20.02	19.75
141.0	19.73	19.40	19.16
142.0	19.14	18.85	18.64
143.0	18.62	18.37	18.18
144.0	18.16	17.94	17.78
145.0	17.77	17.57	17.43
146.0	17.42	17.25	17.12
147.0	17.11	16.97	16.85
148.0	16.85	16.72	16.62
149.0	16.61	16.51	16.41
150.0	16.40	16.31	16.24
151.0	16.22	16.15	16.08
152.0	16.06	16.01	15.96
153.0	15.92	15.88	15.85
154.0	15.81	15.78	15.76
155.0	15.71	15.71	15.70
156.0	15.64	15.65	15.65
157.0	15.59	15.62	15.63
158.0	15.55	15.60	15.62
159.0	15.54	15.60	15.63
160.0	15.54	15.61	15.66
161.0	15.57	15.65	15.70
162.0	15.61	15.70	15.77
163.0	15.66	15.77	15.84
164.0	15.74	15.85	15.94
165.0	15.84	15.96	16.05
166.0	15.96	16.09	16.19
167.0	16.11	16.24	16.35
168.0	16.28	16.42	16.53
169.0	16.48	16.63	16.75
170.0	16.72	16.87	16.99
171.0	16.99	17.14	17.26
172.0	17.31	17.45	17.57
173.0	17.65	17.78	17.89
174.0	18.02	18.13	18.23
175.0	18.42	18.50	18.58