

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	65.94	66.16	65.95	0.00	0.00	0.00	0.00	0.00	0.00
5.0	52.08	52.09	52.09	0.00	0.00	0.00	0.01	0.00	0.01
10.0	46.37	46.37	46.38	0.00	0.00	0.00	0.01	0.02	0.02
20.0	41.69	41.68	41.67	0.00	0.00	0.01	0.05	0.07	0.07
40.0	43.11	43.15	43.20	0.02	0.03	0.03	0.23	0.27	0.29
50.0	55.15	55.40	55.67	0.04	0.05	0.06	0.35	0.40	0.44
75.0	41.59	41.77	41.93	0.18	0.22	0.23	0.64	0.73	0.79
90.0	42.79	43.11	43.40	0.55	0.63	0.69	0.85	0.99	1.09
92.0	44.04	42.02	40.50	0.67	0.77	0.84	0.91	1.07	1.18
93.5	32.60	31.56	30.68	0.80	0.92	1.01	0.98	1.16	1.28
94.0	29.75	28.86	28.08	0.86	0.98	1.08	1.01	1.19	1.32
95.0	24.84	24.14	23.50	0.99	1.14	1.25	1.10	1.29	1.43
96.0	20.60	20.03	19.49	1.18	1.36	1.50	1.22	1.44	1.60
100.0	7.53	7.35	7.14	3.66	4.18	4.63	3.19	3.66	4.05
102.5	3.12	3.21	3.23	9.65	10.71	11.61	8.09	8.77	9.36
103.0	2.66	2.78	2.82	11.58	12.80	13.85	9.54	10.23	10.82
104.0	2.03	2.18	2.26	16.26	17.94	19.42	12.66	13.25	13.78
105.0	1.67	1.83	1.92	21.28	23.12	24.49	15.46	15.78	16.11
110.0	1.10	1.24	1.32	18.71	18.37	18.26	17.38	17.13	17.09
120.0	0.75	0.86	0.92	26.57	27.24	27.65	22.78	22.60	22.50
141.0	0.69	0.79	0.85	17.65	17.33	17.24	18.28	17.83	17.71
150.0	0.67	0.78	0.84	21.51	20.85	20.49	22.04	21.06	20.57
165.0	0.75	0.86	0.93	25.74	26.01	26.38	24.06	23.39	22.90
180.0	1.00	1.16	1.26	21.31	20.82	20.73	20.35	19.48	19.16
190.0	1.40	1.62	1.77	23.00	22.45	21.97	19.58	18.73	18.23
193.5	1.69	1.95	2.14	19.99	19.96	19.83	19.03	18.70	18.55
196.0	2.00	2.33	2.56	20.01	19.86	19.49	22.95	22.89	23.13
198.0	2.44	2.86	3.17	17.99	17.23	16.35	27.88	24.35	22.39
200.0	3.37	3.94	4.40	11.94	11.39	10.78	13.96	13.08	12.30
208.5	18.94	19.92	20.75	1.58	1.75	1.84	1.57	1.67	1.70
209.0	20.24	21.23	22.06	1.47	1.65	1.74	1.46	1.56	1.60
212.0	28.73	29.79	30.71	1.08	1.24	1.33	1.06	1.15	1.18
212.5	30.32	31.40	32.35	1.04	1.19	1.28	1.02	1.10	1.14
213.0	31.98	33.08	34.06	1.00	1.15	1.24	0.98	1.06	1.09
217.0	47.96	47.49	47.11	0.78	0.91	0.99	0.77	0.83	0.86
250.0	53.68	53.87	53.99	0.41	0.47	0.50	0.38	0.42	0.43
300.0	59.37	59.04	58.76	0.41	0.47	0.48	0.26	0.30	0.31
320.0	51.94	51.87	51.73	0.41	0.48	0.50	0.23	0.27	0.28
340.0	49.28	49.19	49.12	0.41	0.48	0.51	0.20	0.25	0.26
350.0	48.61	48.51	48.46	0.41	0.48	0.51	0.19	0.24	0.25
360.0	48.16	48.09	48.01	0.40	0.48	0.51	0.18	0.23	0.24
380.0	47.81	47.75	47.70	0.39	0.47	0.51	0.17	0.21	0.22
400.0	47.93	47.92	47.82	0.37	0.45	0.50	0.15	0.20	0.21
420.0	48.34	48.35	48.29	0.35	0.44	0.48	0.14	0.18	0.20
450.0	49.37	49.39	49.29	0.32	0.41	0.45	0.13	0.17	0.18
500.0	51.59	51.73	51.63	0.27	0.36	0.41	0.11	0.15	0.16
700.0	61.94	61.99	61.97	0.20	0.31	0.36	0.09	0.14	0.15
750.0	62.14	62.16	62.19	0.20	0.32	0.37	0.09	0.15	0.16
1000.0	55.14	56.04	56.86	0.47	0.57	0.60	0.14	0.20	0.22
1200.0	88.91	91.31	95.97	0.35	0.46	0.53	0.18	0.25	0.26
1250.0	74.11	74.86	73.59	0.36	0.48	0.55	0.20	0.26	0.28
1300.0	54.82	54.29	53.41	0.37	0.49	0.56	0.29	0.38	0.42
1500.0	70.67	71.08	71.50	0.39	0.53	0.61	0.24	0.31	0.33
1600.0	73.76	73.20	73.53	0.40	0.55	0.63	0.25	0.32	0.34
2000.0	76.77	77.04	76.17	0.49	0.66	0.75	0.27	0.36	0.38
2250.0	54.76	55.41	55.91	14.84	9.10	10.08	0.27	0.36	0.39
2500.0	73.36	73.55	74.19	0.54	0.72	0.84	0.27	0.37	0.40
3000.0	63.44	64.84	63.75	0.82	0.98	1.11	0.29	0.42	0.47
3250.0	59.89	56.21	59.64	1.71	2.02	2.18	0.36	0.51	0.56
3500.0	37.51	37.69	37.63	1.25	1.44	1.62	0.42	0.57	0.65

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(ns)		
	@-40°C	@+25°C	@+85°C
110	24.66	24.29	23.98
111	22.99	22.68	22.43
112	21.62	21.37	21.15
113	20.48	20.26	20.08
114	19.51	19.32	19.16
115	18.66	18.50	18.36
116	17.92	17.78	17.66
117	17.26	17.14	17.03
118	16.67	16.56	16.47
119	16.13	16.04	15.96
120	15.64	15.57	15.49
121	15.19	15.12	15.06
122	14.78	14.72	14.66
123	14.40	14.35	14.30
124	14.06	14.01	13.97
125	13.73	13.69	13.65
126	13.44	13.40	13.37
127	13.16	13.13	13.10
128	12.91	12.88	12.85
129	12.67	12.64	12.63
130	12.45	12.43	12.41
131	12.26	12.24	12.22
132	12.07	12.06	12.05
133	11.91	11.89	11.88
134	11.76	11.74	11.73
135	11.62	11.60	11.59
136	11.49	11.47	11.47
137	11.39	11.37	11.36
138	11.28	11.26	11.26
140	11.11	11.10	11.10
141	11.04	11.03	11.03
142	10.99	10.97	10.97
143	10.93	10.92	10.92
145	10.86	10.85	10.85
146	10.83	10.83	10.83
148	10.81	10.80	10.81
150	10.80	10.80	10.81
152	10.82	10.83	10.84
154	10.87	10.89	10.90
155	10.90	10.92	10.93
158	11.02	11.04	11.06
160	11.12	11.15	11.17
161	11.18	11.21	11.24
162	11.24	11.28	11.31
163	11.31	11.34	11.38
164	11.39	11.42	11.46
165	11.47	11.51	11.55
166	11.56	11.60	11.64
167	11.66	11.70	11.75
168	11.76	11.80	11.86
169	11.88	11.93	11.98
170	12.01	12.06	12.11
171	12.15	12.20	12.26
172	12.30	12.36	12.42
173	12.46	12.53	12.59
174	12.65	12.71	12.79
176	13.07	13.14	13.22
177	13.31	13.39	13.47
178	13.57	13.65	13.75
180	14.17	14.27	14.36