

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(MHz)	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
1	0.24	0.31	0.36	33.24	30.96	29.40	33.40	31.06	29.50
2	0.25	0.31	0.36	32.68	30.57	29.11	33.05	30.87	29.36
5	0.25	0.31	0.36	30.45	28.99	27.91	30.60	29.12	28.04
10	0.28	0.33	0.38	26.92	26.05	25.41	27.15	26.27	25.63
20	0.33	0.38	0.43	23.28	22.72	22.34	23.41	22.85	22.49
50	0.47	0.53	0.57	30.62	31.20	31.51	32.35	33.35	34.11
100	0.87	0.98	1.06	31.24	33.00	34.16	30.89	32.68	34.03
120	1.29	1.47	1.61	31.74	29.63	28.18	27.48	25.89	24.73
122	1.37	1.56	1.71	38.94	35.45	33.16	27.78	26.38	25.27
130	2.20	2.52	2.76	12.62	12.30	12.05	12.27	11.89	11.59
131	2.43	2.78	3.05	11.11	10.81	10.59	10.83	10.49	10.22
132	2.71	3.09	3.38	9.76	9.50	9.29	9.54	9.24	9.00
135	3.87	4.35	4.71	6.57	6.42	6.29	6.44	6.26	6.11
140	6.88	7.47	7.93	3.47	3.48	3.46	3.40	3.39	3.36
150	14.81	15.41	15.90	1.47	1.56	1.61	1.43	1.51	1.55
155	18.85	19.42	19.91	1.16	1.25	1.31	1.13	1.21	1.26
156	19.65	20.22	20.70	1.12	1.21	1.26	1.09	1.17	1.22
160	22.80	23.34	23.80	0.99	1.07	1.13	0.96	1.04	1.09
165	26.67	27.18	27.63	0.87	0.96	1.01	0.85	0.93	0.97
168	28.97	29.47	29.92	0.82	0.90	0.95	0.80	0.88	0.92
169	29.74	30.23	30.68	0.81	0.89	0.93	0.78	0.86	0.90
170	30.51	31.00	31.45	0.79	0.87	0.92	0.77	0.85	0.89
180	38.46	38.92	39.39	0.68	0.75	0.79	0.66	0.73	0.77
190	47.88	48.46	48.98	0.60	0.67	0.71	0.58	0.64	0.68
200	64.64	64.93	65.01	0.53	0.60	0.64	0.52	0.58	0.62
202	67.21	65.92	64.83	0.52	0.59	0.63	0.50	0.57	0.60
204	64.27	63.11	62.07	0.51	0.57	0.61	0.49	0.56	0.60
205	62.55	61.69	60.99	0.51	0.57	0.61	0.49	0.55	0.59
206	61.27	60.35	59.90	0.50	0.56	0.60	0.48	0.54	0.58
208	59.08	58.49	58.06	0.49	0.55	0.59	0.47	0.54	0.57
210	57.45	57.19	56.74	0.48	0.54	0.58	0.46	0.53	0.56
225	53.23	53.17	53.05	0.42	0.48	0.51	0.40	0.46	0.50
250	53.00	52.92	52.95	0.34	0.39	0.43	0.33	0.38	0.42
300	55.59	55.60	55.60	0.25	0.29	0.32	0.24	0.29	0.31
350	57.92	57.92	57.77	0.18	0.23	0.25	0.18	0.22	0.24
400	59.45	59.56	59.67	0.14	0.18	0.20	0.14	0.18	0.20
500	62.10	62.21	62.14	0.09	0.13	0.14	0.08	0.12	0.14
750	66.52	66.60	66.47	0.02	0.07	0.09	0.02	0.06	0.08
1000	67.92	67.77	67.79	0.00	0.05	0.08	0.01	0.04	0.07
1250	61.66	61.69	61.67	0.01	0.04	0.07	0.02	0.04	0.07
1300	58.89	58.90	58.96	0.01	0.05	0.08	0.02	0.04	0.07
1350	55.55	55.54	55.48	0.01	0.05	0.08	0.03	0.04	0.07
1400	51.14	50.99	50.85	0.01	0.05	0.08	0.03	0.04	0.07
1450	44.20	43.89	43.56	0.00	0.07	0.10	0.02	0.05	0.09
1500	29.75	30.92	32.09	0.34	0.35	0.33	0.21	0.24	0.24
1600	46.81	47.15	47.47	0.01	0.06	0.09	0.02	0.05	0.09
1750	51.21	51.42	51.70	0.00	0.06	0.10	0.02	0.05	0.09
1800	51.62	51.81	51.99	0.00	0.06	0.10	0.03	0.05	0.09
1900	51.32	51.48	51.56	0.00	0.07	0.10	0.02	0.06	0.10
2000	49.12	49.28	49.30	0.01	0.08	0.11	0.02	0.07	0.11
2100	39.44	39.31	39.20	0.07	0.15	0.19	0.04	0.14	0.20
2200	56.29	57.67	58.42	0.03	0.10	0.14	0.00	0.09	0.14
2300	74.18	72.34	71.10	0.03	0.10	0.14	0.01	0.10	0.14
2400	64.16	64.36	63.60	0.04	0.11	0.15	0.01	0.10	0.15
2500	62.35	61.21	62.30	0.05	0.12	0.16	0.01	0.10	0.15
2600	59.46	60.41	60.05	0.05	0.12	0.16	0.02	0.11	0.16
2700	59.91	59.80	60.25	0.04	0.12	0.16	0.02	0.11	0.16
2800	58.76	59.03	59.04	0.05	0.12	0.16	0.02	0.11	0.16
2900	59.49	58.92	59.48	0.05	0.13	0.17	0.02	0.12	0.17
3000	59.27	57.89	58.51	0.04	0.13	0.16	0.02	0.12	0.16

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1	5.92	5.93	6.00
2	5.89	5.90	5.90
4	5.85	5.86	5.85
6	5.84	5.84	5.84
8	5.83	5.83	5.84
10	5.82	5.82	5.82
12	5.81	5.82	5.82
14	5.81	5.82	5.82
16	5.81	5.82	5.82
18	5.80	5.81	5.82
20	5.81	5.82	5.84
22	5.81	5.83	5.84
24	5.83	5.84	5.86
26	5.84	5.86	5.87
28	5.85	5.87	5.88
30	5.88	5.89	5.91
32	5.90	5.92	5.93
34	5.93	5.94	5.96
36	5.95	5.97	5.99
38	5.99	6.01	6.02
40	6.02	6.04	6.05
42	6.04	6.07	6.09
44	6.09	6.11	6.13
46	6.13	6.15	6.17
48	6.17	6.20	6.21
50	6.21	6.23	6.25
52	6.26	6.28	6.30
54	6.30	6.32	6.34
56	6.35	6.37	6.39
58	6.39	6.41	6.43
60	6.44	6.46	6.48
62	6.49	6.52	6.53
64	6.55	6.56	6.58
66	6.60	6.62	6.64
68	6.66	6.68	6.69
70	6.72	6.73	6.75
72	6.78	6.80	6.81
74	6.86	6.87	6.89
76	6.94	6.95	6.97
78	7.02	7.04	7.05
80	7.11	7.13	7.15
82	7.21	7.23	7.25
84	7.32	7.34	7.37
86	7.44	7.47	7.49
88	7.57	7.60	7.63
90	7.71	7.75	7.78
92	7.86	7.90	7.94
94	8.03	8.07	8.11
96	8.20	8.25	8.30
98	8.38	8.44	8.49
100	8.58	8.63	8.68
102	8.79	8.84	8.90
104	9.01	9.07	9.13
106	9.25	9.31	9.37
108	9.50	9.56	9.62
110	9.78	9.85	9.91
112	10.11	10.18	10.25
114	10.48	10.56	10.63
118	11.42	11.53	11.64
120	12.04	12.17	12.29