

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	106.30	108.00	101.96	0.00	0.00	0.00	0.00	0.00	0.00
2	107.94	111.36	111.42	0.00	0.00	0.00	0.00	0.00	0.00
3	104.76	102.00	105.28	0.00	0.00	0.00	0.00	0.00	0.00
4	102.15	106.53	98.33	0.00	0.00	0.00	0.00	0.00	0.00
10	98.03	106.79	108.03	0.00	0.00	0.00	0.00	0.00	0.00
20	108.34	101.38	113.33	0.00	0.00	0.00	0.00	0.00	0.00
25	99.90	108.18	120.57	0.00	0.00	0.00	0.00	0.00	0.00
30	94.07	99.20	99.11	0.00	0.01	0.01	0.00	0.00	0.00
35	83.08	82.90	83.33	0.01	0.01	0.01	0.00	0.00	0.00
40	74.32	74.21	73.53	0.01	0.02	0.02	0.00	0.01	0.01
45	65.80	65.60	65.34	0.02	0.03	0.03	0.01	0.02	0.02
50	57.81	57.62	57.33	0.04	0.05	0.05	0.02	0.03	0.03
55	49.83	49.59	49.33	0.07	0.08	0.08	0.05	0.05	0.06
56	48.22	47.97	47.71	0.07	0.08	0.09	0.05	0.06	0.07
57	46.59	46.33	46.06	0.08	0.09	0.10	0.06	0.07	0.08
59	43.30	43.01	42.73	0.10	0.12	0.12	0.08	0.09	0.10
60	41.61	41.31	41.03	0.11	0.13	0.14	0.09	0.10	0.12
61	39.90	39.60	39.31	0.13	0.15	0.16	0.10	0.12	0.13
65	32.74	32.39	32.07	0.21	0.24	0.26	0.18	0.21	0.23
66	30.84	30.48	30.16	0.24	0.28	0.30	0.21	0.24	0.27
70	22.71	22.31	21.96	0.46	0.53	0.57	0.43	0.49	0.55
71	20.51	20.10	19.74	0.57	0.65	0.71	0.53	0.61	0.68
79	3.36	3.40	3.43	8.94	9.91	10.72	8.92	9.78	10.56
80	2.53	2.65	2.74	13.50	14.76	15.77	13.45	14.44	15.32
82	1.83	1.99	2.11	28.18	29.06	28.53	27.36	26.42	25.94
87	1.44	1.58	1.69	24.79	23.59	22.99	35.09	34.29	32.96
100	1.40	1.51	1.59	24.85	24.90	24.64	17.98	18.40	18.63
110	1.60	1.73	1.82	21.76	21.38	21.06	20.59	21.05	21.28
117	2.02	2.17	2.30	19.12	19.60	19.98	18.42	18.41	18.31
120	2.34	2.55	2.72	26.85	28.96	28.29	19.05	18.51	17.83
122	2.81	3.11	3.36	20.14	17.62	16.11	15.56	14.22	13.30
130	11.07	11.70	12.16	2.53	2.46	2.38	2.45	2.37	2.32
137	20.69	21.15	21.50	1.10	1.11	1.11	1.10	1.11	1.11
140	24.21	24.61	24.93	0.90	0.92	0.92	0.90	0.92	0.93
143	27.41	27.76	28.05	0.77	0.79	0.79	0.78	0.79	0.81
146	30.33	30.64	30.89	0.67	0.70	0.70	0.69	0.70	0.72
175	49.60	49.76	49.84	0.34	0.37	0.38	0.35	0.37	0.39
180	51.92	52.02	52.10	0.32	0.34	0.36	0.33	0.35	0.36
200	59.25	59.27	59.34	0.26	0.28	0.30	0.26	0.29	0.30
250	69.90	70.09	70.06	0.20	0.23	0.25	0.19	0.22	0.24
300	75.76	76.14	76.19	0.18	0.21	0.24	0.16	0.19	0.21
350	79.88	80.02	80.26	0.18	0.21	0.24	0.15	0.18	0.20
400	84.60	85.14	85.45	0.18	0.22	0.25	0.14	0.18	0.20
450	89.90	89.88	89.31	0.19	0.24	0.27	0.14	0.18	0.20
500	90.98	89.85	90.58	0.21	0.26	0.29	0.14	0.18	0.21
550	91.81	92.00	89.40	0.22	0.28	0.32	0.14	0.19	0.21
600	89.97	88.67	86.49	0.25	0.31	0.35	0.14	0.20	0.23
650	86.08	84.36	84.49	0.28	0.34	0.38	0.15	0.21	0.24
700	81.11	79.94	79.93	0.30	0.36	0.42	0.16	0.22	0.26
750	79.14	77.54	76.97	0.33	0.40	0.46	0.17	0.24	0.28
800	75.59	74.55	74.35	0.36	0.43	0.50	0.19	0.26	0.30
850	72.04	71.18	70.63	0.40	0.46	0.53	0.20	0.28	0.32
900	70.19	69.45	69.02	0.43	0.49	0.57	0.22	0.30	0.35
950	68.16	67.38	66.96	0.46	0.52	0.61	0.24	0.33	0.38
1000	65.53	64.51	64.19	0.49	0.56	0.65	0.26	0.35	0.41
1050	63.86	63.14	62.77	0.53	0.59	0.68	0.29	0.38	0.44
1200	58.75	58.24	57.85	0.62	0.67	0.78	0.38	0.48	0.54
1300	56.59	55.95	55.65	0.67	0.72	0.84	0.44	0.55	0.62
1400	54.03	53.50	53.15	0.71	0.76	0.89	0.51	0.63	0.70
1500	51.54	51.03	50.63	0.74	0.79	0.93	0.59	0.71	0.79

Typical Performance Data

FREQ.	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
(MHz)			
87.0	32.63	32.32	32.07
87.2	32.37	32.07	31.84
88.0	31.38	31.12	30.90
88.2	31.14	30.89	30.68
89.0	30.27	30.05	29.85
89.2	30.06	29.84	29.66
90.0	29.27	29.09	28.94
90.4	28.91	28.74	28.60
91.0	28.41	28.26	28.15
91.2	28.24	28.10	28.00
91.4	28.09	27.97	27.85
92.0	27.64	27.55	27.46
92.4	27.38	27.30	27.22
93.0	27.01	26.94	26.89
93.2	26.90	26.84	26.78
94.0	26.50	26.44	26.41
94.2	26.40	26.36	26.32
95.0	26.07	26.04	26.02
95.6	25.86	25.83	25.82
96.0	25.73	25.71	25.70
96.2	25.68	25.67	25.65
97.0	25.44	25.42	25.42
97.2	25.38	25.38	25.36
98.0	25.19	25.19	25.17
98.6	25.07	25.06	25.04
99.0	24.99	24.98	24.97
99.8	24.83	24.82	24.82
100.0	24.80	24.79	24.78
100.4	24.72	24.70	24.70
101.0	24.62	24.61	24.60
101.8	24.50	24.50	24.49
102.0	24.48	24.48	24.47
102.4	24.42	24.43	24.42
103.0	24.36	24.37	24.37
103.4	24.33	24.35	24.34
104.0	24.28	24.30	24.31
104.8	24.26	24.30	24.31
105.0	24.27	24.30	24.31
105.2	24.25	24.29	24.32
106.4	24.31	24.36	24.39
107.0	24.36	24.41	24.45
107.8	24.45	24.52	24.57
108.0	24.48	24.55	24.60
109.0	24.64	24.71	24.79
110.0	24.85	24.94	25.02
111.0	25.08	25.18	25.27
112.0	25.35	25.47	25.57
113.0	25.66	25.80	25.91
114.0	26.02	26.19	26.32
115.0	26.47	26.68	26.84
117.0	27.76	28.10	28.35