

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
0.30	84.35	90.11	86.93	0.00	0.00	0.01	0.01	0.00	0.01
0.40	85.00	85.67	83.31	0.00	0.00	0.01	0.01	0.00	0.01
0.70	80.80	79.66	80.20	0.00	0.00	0.00	0.00	0.00	0.01
1.00	77.32	78.07	77.53	0.00	0.00	0.00	0.00	0.00	0.00
2.00	71.48	71.25	71.52	0.00	0.00	0.00	0.00	0.00	0.00
4.00	65.67	65.46	65.52	0.00	0.00	0.00	0.00	0.00	0.00
7.00	61.02	60.99	61.05	0.00	0.00	0.00	0.00	0.00	0.00
15.00	55.67	55.76	55.75	0.00	0.00	0.00	0.00	0.01	0.00
22.00	54.53	54.55	54.53	0.01	0.01	0.01	0.01	0.01	0.01
33.00	58.50	58.61	58.59	0.02	0.02	0.02	0.01	0.02	0.02
37.00	64.08	64.25	64.27	0.02	0.03	0.03	0.02	0.03	0.03
39.00	69.49	70.74	70.81	0.03	0.03	0.03	0.02	0.03	0.03
40.00	75.66	75.91	76.18	0.03	0.03	0.04	0.02	0.03	0.03
41.00	78.37	77.84	76.30	0.03	0.04	0.04	0.03	0.04	0.04
42.00	72.08	71.48	70.98	0.04	0.04	0.04	0.03	0.04	0.04
43.00	67.67	67.12	66.36	0.04	0.04	0.05	0.03	0.04	0.04
46.00	60.54	60.24	59.98	0.04	0.05	0.06	0.04	0.05	0.05
51.00	55.33	55.10	54.96	0.06	0.07	0.08	0.05	0.06	0.07
56.00	53.30	53.31	53.57	0.08	0.09	0.10	0.07	0.08	0.09
65.00	59.51	59.98	60.26	0.12	0.14	0.15	0.10	0.13	0.14
66.00	62.46	63.19	63.39	0.13	0.15	0.16	0.11	0.13	0.15
67.00	67.43	68.25	68.85	0.14	0.16	0.17	0.12	0.14	0.16
68.00	85.16	77.84	73.67	0.14	0.16	0.18	0.12	0.15	0.16
69.00	69.00	67.39	66.06	0.15	0.17	0.19	0.13	0.15	0.17
70.00	62.11	61.66	61.01	0.16	0.18	0.20	0.14	0.16	0.18
72.00	55.81	55.48	55.20	0.17	0.20	0.22	0.15	0.18	0.20
77.00	50.48	50.49	50.46	0.23	0.26	0.29	0.20	0.23	0.26
81.00	59.02	58.52	57.87	0.29	0.33	0.37	0.26	0.30	0.33
82.00	54.51	53.01	52.04	0.31	0.35	0.39	0.27	0.32	0.36
83.00	47.36	46.49	45.83	0.33	0.38	0.42	0.29	0.34	0.38
84.00	42.12	41.49	40.99	0.35	0.41	0.45	0.32	0.36	0.41
85.00	37.93	37.44	37.03	0.38	0.44	0.49	0.34	0.39	0.44
87.00	31.12	30.76	30.46	0.45	0.51	0.57	0.40	0.46	0.51
89.00	25.41	25.13	24.89	0.55	0.62	0.69	0.49	0.56	0.62
91.00	20.27	20.05	19.86	0.70	0.80	0.88	0.63	0.72	0.79
93.00	15.49	15.33	15.18	0.97	1.10	1.22	0.89	1.00	1.10
94.00	13.22	13.09	12.97	1.19	1.35	1.48	1.10	1.23	1.35
95.00	11.04	10.94	10.85	1.51	1.70	1.86	1.41	1.57	1.71
96.00	8.98	8.92	8.85	1.98	2.21	2.41	1.87	2.06	2.22
99.00	4.01	4.07	4.11	5.13	5.53	5.87	4.91	5.24	5.50
100.00	2.92	3.02	3.09	7.07	7.56	7.96	6.78	7.16	7.45
101.00	2.14	2.26	2.35	9.62	10.20	10.70	9.20	9.64	9.94
104.00	1.08	1.20	1.30	23.51	25.41	27.36	20.80	21.17	21.08
108.00	0.76	0.87	0.95	22.59	21.63	20.84	22.33	21.27	20.40
112.00	0.63	0.72	0.79	20.98	20.27	19.60	21.23	20.39	19.64
116.00	0.53	0.60	0.66	24.26	23.35	22.42	25.02	23.77	22.61
120.00	0.45	0.51	0.56	30.58	29.78	28.56	35.93	32.56	29.58
130.00	0.37	0.41	0.44	23.14	23.68	24.68	23.68	24.34	25.40
160.00	0.26	0.30	0.33	20.94	20.05	19.56	20.84	19.94	19.50
200.00	0.17	0.20	0.22	33.73	29.39	26.37	31.98	28.22	25.57
220.00	0.16	0.19	0.21	36.38	34.46	30.64	33.96	31.82	28.85
270.00	0.15	0.18	0.19	29.89	29.80	30.05	30.02	29.46	29.26
470.00	0.13	0.17	0.19	31.24	34.93	35.78	32.59	39.27	40.25
540.00	0.14	0.18	0.20	26.62	29.75	34.68	26.92	30.54	37.51
580.00	0.15	0.19	0.21	24.70	27.24	32.01	24.94	27.64	32.99
660.00	0.16	0.21	0.23	22.29	23.77	26.88	22.41	23.87	26.92
730.00	0.18	0.23	0.25	20.81	21.71	23.76	20.85	21.73	23.68
820.00	0.21	0.26	0.29	18.95	19.84	21.18	18.89	19.80	21.06
950.00	0.25	0.31	0.34	17.02	17.91	18.74	16.96	17.88	18.66
1000.00	0.27	0.33	0.36	16.42	17.30	17.95	16.37	17.26	17.90

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-40°C	@+25°C	@+85°C
108	19.55	19.31	19.11
109	18.08	17.87	17.70
110	16.83	16.65	16.51
111	15.80	15.64	15.50
112	14.89	14.76	14.63
113	14.11	13.98	13.87
115	12.81	12.71	12.61
118	11.27	11.19	11.12
119	10.83	10.76	10.69
121	10.05	9.99	9.93
123	9.35	9.30	9.26
124	8.94	8.89	8.86
125	8.29	8.26	8.22
130	7.45	7.41	7.39
140	6.50	6.47	6.45
150	5.48	5.45	5.43
160	4.52	4.49	4.47
170	3.78	3.76	3.74
180	3.25	3.23	3.22
190	2.85	2.84	2.82
200	2.54	2.52	2.51
220	2.08	2.07	2.06
240	1.75	1.74	1.74
260	1.53	1.52	1.51
280	1.35	1.34	1.33
300	1.22	1.21	1.20
320	1.11	1.10	1.09
340	1.03	1.01	1.01
360	0.96	0.95	0.94
380	0.90	0.89	0.88
400	0.85	0.84	0.83
420	0.81	0.80	0.79
440	0.77	0.76	0.75
460	0.74	0.73	0.72
480	0.72	0.71	0.70
500	0.69	0.68	0.68
520	0.67	0.66	0.66
540	0.65	0.64	0.64
560	0.64	0.63	0.62
580	0.62	0.61	0.61
600	0.61	0.60	0.59
620	0.60	0.59	0.58
640	0.59	0.58	0.57
660	0.58	0.57	0.56
680	0.57	0.56	0.55
700	0.56	0.55	0.54
720	0.55	0.54	0.54
740	0.55	0.54	0.53
760	0.54	0.53	0.53
780	0.54	0.53	0.52
800	0.53	0.52	0.51
820	0.53	0.51	0.51
840	0.52	0.51	0.50
860	0.51	0.51	0.50
880	0.51	0.50	0.49
900	0.50	0.50	0.49
920	0.50	0.49	0.48
940	0.50	0.49	0.48
960	0.50	0.49	0.48
1000	0.49	0.48	0.48