

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	97.69	104.96	103.56	0.11	0.13	0.13	0.11	0.12	0.13
10.0	85.94	87.07	91.22	0.21	0.24	0.26	0.21	0.24	0.26
20.0	82.96	85.34	85.22	0.23	0.26	0.28	0.23	0.25	0.28
30.0	84.25	84.94	83.37	0.21	0.24	0.26	0.21	0.24	0.26
40.0	83.47	83.89	81.96	0.19	0.21	0.22	0.18	0.20	0.23
50.0	83.33	83.35	83.88	0.16	0.18	0.19	0.16	0.18	0.20
60.0	83.18	81.37	83.43	0.15	0.16	0.18	0.14	0.16	0.18
70.0	79.89	79.60	79.52	0.15	0.18	0.18	0.15	0.17	0.19
80.0	87.81	85.38	84.15	0.23	0.27	0.30	0.22	0.27	0.30
81.0	77.04	75.45	74.86	0.25	0.30	0.32	0.25	0.29	0.33
82.0	69.66	69.21	68.40	0.27	0.33	0.36	0.27	0.32	0.37
83.0	64.08	63.19	62.52	0.31	0.37	0.41	0.30	0.36	0.42
84.0	58.52	57.73	56.91	0.35	0.42	0.47	0.35	0.42	0.48
85.0	53.04	52.26	51.48	0.41	0.49	0.56	0.40	0.49	0.56
86.0	47.42	46.66	45.82	0.49	0.60	0.68	0.48	0.59	0.68
87.0	41.58	40.76	39.88	0.62	0.76	0.86	0.60	0.74	0.85
88.0	35.24	34.38	33.45	0.82	1.01	1.17	0.78	0.96	1.12
88.5	31.86	30.98	30.01	0.98	1.21	1.41	0.92	1.14	1.33
89.0	28.28	27.39	26.40	1.20	1.49	1.76	1.11	1.38	1.62
90.0	20.49	19.64	18.68	2.06	2.61	3.18	1.81	2.29	2.75
91.0	12.18	11.75	11.20	4.96	6.33	7.85	3.98	4.99	5.98
92.0	6.34	6.69	6.83	17.52	18.67	19.24	10.46	11.48	12.34
93.0	4.47	4.97	5.25	16.03	16.25	16.54	15.44	16.64	17.99
94.0	3.71	4.20	4.50	17.74	18.08	18.44	27.63	30.56	32.02
95.0	3.32	3.78	4.07	18.47	19.00	19.61	22.15	22.25	22.31
98.0	2.79	3.22	3.50	25.44	23.69	22.47	21.54	21.38	21.79
100.0	2.71	3.12	3.41	18.78	19.67	20.80	20.32	22.47	24.98
103.0	2.78	3.24	3.58	20.56	20.55	21.09	21.42	20.43	19.78
105.0	3.05	3.60	4.01	38.38	31.37	25.49	20.31	19.36	18.36
107.0	3.90	4.68	5.34	16.35	15.30	14.11	20.90	20.55	19.90
108.0	5.27	6.46	7.54	10.98	9.69	8.45	15.35	12.74	10.83
109.0	8.95	10.52	11.93	4.89	4.53	4.11	5.78	5.27	4.77
110.0	14.35	15.88	17.26	2.41	2.42	2.33	2.73	2.69	2.59
111.0	19.79	21.13	22.36	1.49	1.56	1.56	1.64	1.70	1.70
111.5	22.32	23.57	24.73	1.24	1.32	1.34	1.35	1.42	1.44
112.0	24.71	25.88	26.96	1.06	1.14	1.16	1.15	1.22	1.25
113.0	29.09	30.12	31.11	0.82	0.90	0.93	0.88	0.95	0.99
113.5	31.11	32.09	33.01	0.74	0.82	0.84	0.79	0.86	0.89
115.0	36.57	37.41	38.21	0.57	0.63	0.66	0.60	0.66	0.69
120.0	50.51	51.10	51.63	0.32	0.36	0.38	0.33	0.37	0.40
130.0	68.17	68.65	68.80	0.17	0.20	0.21	0.17	0.20	0.22
150.0	90.09	88.89	88.74	0.09	0.11	0.11	0.09	0.11	0.12
175.0	96.97	100.70	101.30	0.05	0.07	0.07	0.05	0.07	0.08
200.0	101.95	102.28	103.15	0.03	0.05	0.06	0.03	0.05	0.06
225.0	94.11	96.05	99.08	0.02	0.04	0.04	0.02	0.04	0.05
250.0	99.12	95.19	104.96	0.01	0.03	0.04	0.01	0.03	0.04
300.0	92.59	95.33	103.74	0.00	0.02	0.03	0.01	0.02	0.03
350.0	104.82	101.17	96.97	0.00	0.02	0.02	0.01	0.02	0.03
400.0	107.19	107.34	98.38	0.01	0.02	0.02	0.01	0.02	0.03
450.0	101.02	99.86	104.20	0.01	0.02	0.02	0.01	0.02	0.02
500.0	100.79	103.03	101.25	0.01	0.02	0.03	0.01	0.02	0.03
550.0	93.97	92.68	102.70	0.01	0.02	0.03	0.01	0.03	0.03
600.0	99.70	124.25	105.11	0.01	0.02	0.03	0.01	0.03	0.03
650.0	96.59	92.14	93.10	0.01	0.03	0.05	0.00	0.04	0.04
700.0	97.55	95.64	95.50	0.00	0.04	0.05	0.00	0.05	0.05
750.0	99.32	103.98	94.80	0.00	0.04	0.05	0.00	0.05	0.05
800.0	112.31	98.51	101.11	0.00	0.05	0.07	0.01	0.06	0.06
850.0	90.17	91.38	90.12	0.01	0.06	0.07	0.01	0.07	0.07
875.0	91.90	93.51	90.57	0.01	0.06	0.07	0.01	0.06	0.07
900.0	94.60	93.09	91.46	0.01	0.06	0.08	0.01	0.07	0.07

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
95.0	117.76	115.55	113.55
95.5	111.72	110.00	108.44
96.0	106.86	105.51	104.25
96.5	102.86	101.78	100.78
97.0	99.57	98.71	97.91
97.5	96.87	96.16	95.52
98.0	94.62	94.05	93.53
98.5	92.73	92.29	91.90
99.0	91.18	90.87	90.61
99.5	89.96	89.78	89.63
100.0	89.04	88.99	88.96
100.5	88.47	88.50	88.55
101.0	88.16	88.26	88.39
101.5	88.13	88.29	88.49
102.0	88.33	88.54	88.83
102.5	88.79	89.10	89.49
103.0	89.55	89.96	90.50
103.5	90.68	91.23	91.89
104.0	92.21	92.91	93.73
104.5	94.23	95.11	96.11
105.0	96.86	97.97	99.25