

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	92.49	90.51	93.91	0.16	0.20	0.24	0.16	0.20	0.25
5.0	90.27	90.77	89.00	0.18	0.23	0.27	0.18	0.23	0.28
10.0	80.95	82.09	83.68	0.22	0.25	0.29	0.22	0.27	0.31
20.0	80.88	76.91	76.68	0.27	0.31	0.35	0.27	0.31	0.36
30.0	77.23	76.39	76.23	0.30	0.34	0.37	0.30	0.34	0.38
40.0	75.10	75.39	75.96	0.31	0.35	0.39	0.31	0.36	0.38
50.0	77.71	77.55	79.10	0.31	0.34	0.38	0.32	0.35	0.38
60.0	69.34	68.52	68.59	0.30	0.33	0.36	0.31	0.35	0.37
70.0	48.98	48.83	48.55	0.31	0.35	0.39	0.31	0.36	0.39
75.0	39.63	39.39	39.08	0.34	0.39	0.42	0.34	0.40	0.45
76.0	37.67	37.42	37.09	0.35	0.41	0.45	0.35	0.41	0.47
77.0	35.66	35.40	35.06	0.37	0.42	0.47	0.36	0.44	0.49
78.0	33.60	33.32	32.96	0.39	0.45	0.50	0.39	0.46	0.52
79.0	31.48	31.19	30.81	0.42	0.49	0.54	0.41	0.49	0.56
80.0	29.27	28.97	28.59	0.46	0.52	0.59	0.45	0.53	0.61
82.0	24.66	24.33	23.89	0.57	0.66	0.74	0.56	0.66	0.77
84.0	19.65	19.30	18.83	0.78	0.91	1.04	0.76	0.91	1.07
85.0	17.01	16.65	16.19	0.97	1.14	1.31	0.95	1.14	1.34
86.0	14.32	13.98	13.52	1.27	1.48	1.71	1.25	1.49	1.75
88.0	8.80	8.59	8.25	2.65	3.09	3.59	2.62	3.07	3.61
90.0	4.38	4.44	4.40	6.91	7.75	8.80	6.85	7.69	8.75
92.0	2.41	2.63	2.79	17.59	18.84	20.55	17.43	18.40	19.74
94.0	1.89	2.12	2.30	25.96	26.18	25.86	25.58	25.50	25.37
95.0	1.78	2.00	2.18	24.20	24.69	24.77	23.78	24.40	24.96
96.0	1.70	1.92	2.11	24.63	25.19	25.37	23.93	24.82	25.78
97.0	1.65	1.87	2.04	26.51	26.95	27.00	25.25	26.28	27.48
98.0	1.60	1.81	1.99	29.42	29.48	29.31	27.15	28.11	29.36
99.0	1.57	1.78	1.97	32.85	32.32	31.96	29.08	29.83	30.76
100.0	1.55	1.76	1.95	35.34	34.03	33.54	30.75	30.96	30.99
100.5	1.54	1.75	1.94	35.27	33.57	32.84	31.34	30.95	30.35
101.0	1.53	1.75	1.93	34.08	32.19	31.27	31.52	30.45	29.33
101.5	1.53	1.75	1.94	32.23	30.34	29.33	31.04	29.42	27.99
102.0	1.54	1.75	1.94	30.19	28.41	27.43	29.93	28.08	26.58
102.5	1.54	1.76	1.95	28.25	26.66	25.74	28.42	26.58	25.19
103.0	1.54	1.77	1.97	26.49	25.09	24.28	26.82	25.18	23.93
103.5	1.55	1.78	1.98	24.96	23.75	23.05	25.31	23.89	22.82
104.0	1.57	1.80	1.99	23.64	22.61	22.04	23.98	22.78	21.87
104.5	1.58	1.81	2.00	22.56	21.69	21.26	22.85	21.85	21.12
105.0	1.60	1.83	2.04	21.70	21.01	20.72	21.95	21.14	20.58
105.5	1.61	1.85	2.06	21.07	20.54	20.42	21.30	20.66	20.24
106.0	1.64	1.87	2.09	20.69	20.32	20.37	20.88	20.41	20.14
106.5	1.65	1.89	2.10	20.60	20.41	20.68	20.74	20.45	20.34
107.0	1.67	1.91	2.13	20.80	20.81	21.40	20.92	20.77	20.84
107.5	1.69	1.94	2.16	21.40	21.68	22.64	21.55	21.56	21.69
108.0	1.71	1.97	2.20	22.56	23.14	24.69	22.66	22.80	22.90
110.0	1.92	2.25	2.56	24.00	21.88	19.69	24.24	21.21	18.36
112.0	2.73	3.23	3.74	11.07	10.25	9.40	11.14	10.23	9.22
114.0	4.82	5.49	6.18	5.32	5.07	4.80	5.38	5.10	4.76
116.0	8.02	8.72	9.45	2.82	2.80	2.77	2.85	2.83	2.76
118.0	11.53	12.19	12.86	1.74	1.81	1.85	1.77	1.83	1.87
120.0	14.91	15.48	16.08	1.25	1.33	1.39	1.26	1.35	1.41
122.0	18.02	18.53	19.04	0.98	1.06	1.12	0.99	1.09	1.15
124.0	20.81	21.27	21.72	0.84	0.90	0.97	0.83	0.93	0.99
126.0	23.32	23.75	24.15	0.72	0.79	0.85	0.72	0.81	0.88
128.0	25.65	26.02	26.39	0.65	0.71	0.76	0.66	0.74	0.80
130.0	27.77	28.11	28.43	0.60	0.65	0.71	0.59	0.67	0.73
150.0	42.66	42.81	42.92	0.35	0.39	0.43	0.34	0.41	0.45
180.0	55.58	55.92	55.82	0.23	0.27	0.30	0.22	0.28	0.31
200.0	61.90	61.94	61.83	0.20	0.22	0.25	0.19	0.24	0.26
400.0	91.59	90.77	98.89	0.07	0.11	0.12	0.05	0.11	0.13
600.0	93.36	115.05	92.12	0.06	0.09	0.12	0.02	0.09	0.12
800.0	72.76	72.75	72.56	0.07	0.12	0.15	0.01	0.10	0.13
1000.0	70.87	70.40	70.28	0.09	0.15	0.18	0.01	0.13	0.17
1500.0	74.28	76.24	74.48	0.15	0.22	0.28	0.06	0.19	0.24
2000.0	64.71	64.68	63.48	0.18	0.26	0.33	0.09	0.24	0.31
2500.0	59.53	59.96	62.13	0.17	0.28	0.37	0.12	0.29	0.38
3000.0	46.96	46.82	45.57	0.19	0.33	0.44	0.13	0.35	0.46
3900.0	29.28	28.69	29.76	0.50	0.68	0.75	0.23	0.58	0.78

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
94.0	50.10	49.33	48.60
94.5	48.22	47.52	46.82
95.0	46.57	45.99	45.49
95.5	45.22	44.83	44.31
96.0	44.00	43.66	43.26
96.5	43.06	42.77	42.58
97.0	42.17	42.01	41.63
97.5	41.33	41.18	40.84
98.0	40.72	40.51	40.29
98.5	40.09	39.87	39.85
99.0	39.54	39.46	39.39
99.5	39.09	39.08	39.00
100.0	38.68	38.59	38.50
100.5	38.38	38.37	38.29
101.0	38.15	38.08	38.06
101.5	37.73	37.67	37.84
102.0	37.64	37.54	37.63
102.5	37.61	37.52	37.54
103.0	37.14	37.20	37.33
103.5	37.24	37.33	37.18
104.0	37.10	37.13	37.19
104.5	37.14	37.24	37.24
105.0	37.27	37.36	37.52
105.5	37.32	37.49	37.65
106.0	37.65	37.79	38.13
106.5	37.91	38.26	38.54
107.0	38.27	38.54	38.93
107.5	39.04	39.40	39.91
108.0	39.65	40.15	40.69