

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	0.04	0.05	0.05	48.77	46.72	44.23	47.54	45.47	43.18
8.0	0.05	0.05	0.06	44.19	43.06	41.81	43.91	42.79	41.57
12.0	0.05	0.05	0.06	41.55	40.48	39.43	41.34	40.25	39.27
20.0	0.05	0.06	0.06	38.03	37.05	36.41	37.82	36.93	36.31
40.0	0.05	0.06	0.07	32.92	32.29	31.93	32.57	32.09	31.76
50.0	0.05	0.07	0.07	31.06	30.63	30.22	30.68	30.47	30.08
52.0	0.05	0.07	0.08	30.74	30.40	29.95	30.37	30.20	29.80
54.0	0.05	0.07	0.08	30.42	30.12	29.69	30.10	30.00	29.63
56.0	0.05	0.07	0.08	30.10	29.88	29.46	29.80	29.78	29.40
60.0	0.06	0.07	0.08	29.55	29.45	29.10	29.30	29.40	29.13
80.0	0.06	0.08	0.09	27.28	27.83	28.16	27.04	27.69	28.13
100.0	0.08	0.09	0.10	25.19	26.31	26.81	24.85	26.01	26.56
200.0	0.11	0.14	0.15	22.90	26.25	29.46	22.98	26.24	29.32
250.0	0.11	0.16	0.19	27.58	31.03	35.69	27.67	31.06	35.07
300.0	0.13	0.19	0.22	34.53	36.00	35.04	38.90	41.96	38.89
400.0	0.20	0.28	0.32	22.22	24.51	27.45	22.59	24.95	27.81
450.0	0.22	0.33	0.38	26.92	29.81	35.35	26.84	29.87	32.96
500.0	0.31	0.45	0.52	24.44	23.80	23.02	23.90	23.20	22.46
525.0	0.43	0.58	0.66	18.18	18.32	18.39	18.11	18.13	18.15
550.0	0.55	0.71	0.79	17.35	18.33	19.55	17.61	18.49	19.75
560.0	0.58	0.76	0.85	19.95	22.04	24.92	20.52	22.66	25.92
566.0	0.61	0.81	0.93	23.95	27.37	29.16	26.11	33.43	41.54
570.0	0.65	0.87	1.02	26.49	25.82	22.95	33.87	30.78	24.41
580.0	0.98	1.33	1.59	14.76	13.19	11.88	15.00	13.38	11.96
590.0	2.17	2.74	3.17	7.20	6.56	6.03	7.22	6.61	6.04
596.0	3.60	4.30	4.83	4.52	4.21	3.95	4.54	4.26	3.98
600.0	4.88	5.65	6.21	3.30	3.14	3.01	3.32	3.19	3.04
610.0	9.02	9.83	10.42	1.59	1.64	1.67	1.61	1.68	1.68
620.0	13.93	14.72	15.29	0.91	1.02	1.08	0.93	1.04	1.09
630.0	19.34	20.11	20.66	0.63	0.76	0.83	0.66	0.78	0.85
634.0	21.67	22.43	22.99	0.57	0.70	0.77	0.60	0.73	0.80
640.0	25.44	26.21	26.77	0.52	0.64	0.73	0.54	0.68	0.75
650.0	33.00	33.83	34.47	0.45	0.58	0.67	0.48	0.61	0.70
660.0	45.46	46.58	47.58	0.39	0.52	0.60	0.42	0.55	0.62
668.0	50.14	49.56	49.20	0.34	0.47	0.54	0.38	0.50	0.57
703.0	42.16	42.83	43.24	0.25	0.38	0.48	0.27	0.40	0.49
803.0	37.09	37.25	37.28	0.09	0.24	0.34	0.08	0.23	0.31
853.0	34.54	34.80	34.92	0.06	0.22	0.32	0.03	0.19	0.28
903.0	33.87	34.10	34.32	0.03	0.20	0.29	0.01	0.16	0.24
953.0	34.00	34.26	34.53	0.04	0.21	0.31	0.04	0.14	0.23
973.0	34.18	34.49	34.76	0.02	0.18	0.27	0.04	0.14	0.23
1003.0	34.56	34.92	35.12	0.05	0.22	0.33	0.04	0.14	0.25
1225.0	39.36	39.88	40.09	0.16	0.35	0.46	0.06	0.25	0.36
1250.0	40.14	40.53	40.82	0.19	0.38	0.50	0.06	0.25	0.36
1400.0	44.44	45.06	45.44	0.30	0.49	0.61	0.18	0.37	0.50
1500.0	47.90	48.57	48.98	0.35	0.54	0.64	0.25	0.45	0.56
1600.0	52.61	53.16	54.02	0.37	0.55	0.64	0.30	0.49	0.58
1700.0	59.75	61.62	62.20	0.38	0.57	0.68	0.33	0.52	0.63
1800.0	74.83	71.84	71.93	0.35	0.54	0.64	0.34	0.53	0.65
1850.0	63.85	60.87	60.91	0.32	0.50	0.61	0.32	0.52	0.62
1900.0	57.94	56.70	56.36	0.27	0.45	0.53	0.31	0.51	0.60
2000.0	50.25	50.36	50.19	0.18	0.37	0.47	0.24	0.45	0.54
2150.0	31.30	31.87	32.59	0.50	0.79	0.91	0.15	0.40	0.49
2200.0	45.08	47.71	48.91	0.06	0.27	0.40	0.05	0.30	0.44
2400.0	57.83	56.28	56.90	0.18	0.05	0.22	0.20	0.07	0.23
2500.0	51.82	51.68	51.65	0.21	0.02	0.22	0.27	0.01	0.22
2600.0	48.24	48.12	48.33	0.20	0.03	0.20	0.34	0.06	0.11
2700.0	47.14	47.60	47.09	0.15	0.09	0.28	0.37	0.11	0.06
2800.0	46.06	45.70	45.41	0.03	0.22	0.46	0.31	0.07	0.14
3000.0	45.48	45.08	45.48	0.19	0.43	0.64	0.16	0.05	0.20



*Typical Performance Data*

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
50.0	0.93	0.93	0.93
52.0	0.93	0.93	0.93
54.0	0.93	0.93	0.93
56.0	0.93	0.93	0.93
58.0	0.93	0.93	0.93
60.0	0.93	0.93	0.93
70.0	0.93	0.93	0.93
80.0	0.93	0.93	0.93
90.0	0.93	0.93	0.94
100.0	0.94	0.94	0.94
110.0	0.94	0.94	0.94
120.0	0.94	0.94	0.95
130.0	0.95	0.95	0.95
140.0	0.95	0.95	0.96
150.0	0.95	0.96	0.96
160.0	0.96	0.97	0.97
170.0	0.97	0.97	0.98
180.0	0.98	0.98	0.98
190.0	0.98	0.99	0.99
200.0	1.00	1.00	1.00
210.0	1.01	1.01	1.01
220.0	1.02	1.02	1.03
230.0	1.03	1.03	1.04
240.0	1.05	1.05	1.05
250.0	1.06	1.06	1.06
260.0	1.08	1.08	1.08
270.0	1.09	1.09	1.09
280.0	1.11	1.11	1.11
290.0	1.13	1.13	1.13
300.0	1.15	1.15	1.15
310.0	1.17	1.17	1.17
320.0	1.19	1.19	1.19
330.0	1.21	1.21	1.21
340.0	1.23	1.24	1.24
350.0	1.26	1.26	1.27
360.0	1.29	1.30	1.30
370.0	1.32	1.33	1.34
380.0	1.36	1.37	1.37
390.0	1.40	1.41	1.41
400.0	1.44	1.45	1.46
410.0	1.49	1.50	1.51
420.0	1.54	1.55	1.56
430.0	1.61	1.62	1.63
440.0	1.68	1.69	1.70
450.0	1.75	1.76	1.77
460.0	1.84	1.85	1.86
470.0	1.94	1.95	1.96
500.0	2.31	2.33	2.34
520.0	2.66	2.68	2.71
540.0	3.20	3.26	3.30
566.0	4.99	5.15	5.29