

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
10	107.63	127.56	105.02	0.00	0.00	0.00	0.00	0.00	0.00
15	106.56	101.16	104.43	0.00	0.00	0.00	0.00	0.00	0.00
20	99.42	94.92	104.07	0.00	0.00	0.00	0.00	0.00	0.00
25	95.73	106.39	96.34	0.00	0.00	0.00	0.00	0.00	0.01
30	96.50	99.12	95.61	0.00	0.00	0.00	0.00	0.00	0.01
35	96.91	102.37	100.25	0.00	0.01	0.01	0.01	0.01	0.01
40	93.12	96.51	95.81	0.01	0.01	0.01	0.01	0.01	0.01
45	115.25	99.93	103.48	0.00	0.01	0.01	0.01	0.01	0.01
50	99.88	102.15	110.52	0.01	0.01	0.01	0.01	0.01	0.02
55	94.35	91.98	100.70	0.01	0.02	0.02	0.01	0.02	0.02
60	87.93	88.74	94.41	0.01	0.02	0.02	0.01	0.02	0.02
65	82.43	83.11	81.86	0.02	0.02	0.02	0.02	0.02	0.02
70	78.22	77.68	77.25	0.02	0.02	0.03	0.02	0.03	0.03
75	73.88	73.39	73.98	0.02	0.03	0.03	0.02	0.03	0.04
80	69.34	69.31	69.31	0.03	0.04	0.04	0.03	0.04	0.04
85	65.87	65.71	65.66	0.03	0.04	0.05	0.03	0.04	0.05
90	62.28	61.97	61.89	0.04	0.05	0.05	0.04	0.05	0.06
100	55.33	55.20	54.90	0.05	0.07	0.08	0.05	0.07	0.08
110	48.76	48.58	48.32	0.08	0.10	0.11	0.07	0.09	0.11
120	42.35	42.11	41.83	0.11	0.14	0.16	0.10	0.13	0.15
130	35.86	35.60	35.31	0.17	0.21	0.23	0.16	0.19	0.22
140	29.11	28.85	28.55	0.27	0.32	0.36	0.25	0.30	0.34
150	21.91	21.64	21.35	0.47	0.56	0.62	0.44	0.52	0.60
165	9.92	9.78	9.59	1.92	2.20	2.45	1.88	2.16	2.43
172	4.86	4.92	4.93	5.35	5.92	6.43	5.39	5.97	6.51
176	3.04	3.22	3.32	9.96	10.69	11.31	10.26	11.05	11.77
186	1.70	1.92	2.08	17.14	16.55	16.21	17.70	16.91	16.46
200	1.34	1.52	1.66	17.91	17.66	17.49	16.82	16.40	16.16
220	1.08	1.24	1.36	29.58	30.96	32.89	25.02	24.55	24.15
240	1.02	1.18	1.29	24.10	23.50	22.88	27.58	26.96	25.85
253	1.11	1.26	1.37	16.39	16.49	16.49	17.16	17.42	17.49
270	1.33	1.47	1.57	11.64	11.89	12.16	11.83	12.12	12.42
300	1.35	1.52	1.64	12.74	12.82	13.12	12.29	12.32	12.57
320	1.30	1.51	1.68	18.57	17.98	17.67	16.82	16.39	16.28
340	1.67	1.96	2.21	15.26	14.42	13.63	17.98	17.04	16.14
350	2.40	2.79	3.14	9.91	9.40	8.86	11.47	10.93	10.30
360	4.23	4.72	5.16	5.25	5.14	4.95	5.82	5.73	5.54
375	9.14	9.60	10.03	1.98	2.08	2.12	2.10	2.22	2.27
410	21.14	21.46	21.71	0.58	0.67	0.73	0.56	0.65	0.72
440	28.96	29.23	29.40	0.37	0.44	0.49	0.34	0.42	0.47
450	31.16	31.41	31.57	0.33	0.40	0.45	0.31	0.38	0.43
460	33.20	33.44	33.58	0.30	0.37	0.42	0.28	0.35	0.40
470	35.09	35.31	35.44	0.28	0.34	0.39	0.26	0.32	0.37
480	36.85	37.06	37.18	0.26	0.32	0.37	0.24	0.31	0.35
500	40.02	40.21	40.32	0.22	0.29	0.33	0.21	0.27	0.32
600	51.22	51.24	51.27	0.15	0.21	0.25	0.14	0.21	0.25
700	58.19	58.05	58.08	0.12	0.19	0.23	0.12	0.19	0.23
800	63.56	63.32	63.48	0.11	0.19	0.24	0.10	0.18	0.22
900	68.56	68.75	68.80	0.11	0.19	0.24	0.10	0.18	0.23
1000	75.26	76.01	74.72	0.11	0.20	0.26	0.09	0.18	0.24
1100	84.80	84.63	82.79	0.12	0.22	0.28	0.09	0.19	0.25
1200	97.35	100.16	95.70	0.13	0.23	0.30	0.09	0.19	0.25
1300	88.14	99.52	97.27	0.15	0.24	0.32	0.09	0.20	0.26
1400	99.68	107.19	91.24	0.16	0.26	0.34	0.09	0.20	0.27
1500	85.60	81.25	80.86	0.17	0.28	0.35	0.09	0.21	0.28
1700	70.87	69.67	69.11	0.19	0.30	0.38	0.09	0.22	0.30
1900	63.16	62.75	62.12	0.21	0.33	0.41	0.09	0.22	0.30
2000	60.36	59.98	59.55	0.22	0.34	0.42	0.09	0.22	0.31
2500	50.59	50.23	50.19	0.26	0.38	0.46	0.10	0.23	0.33
3000	43.59	43.41	43.40	0.27	0.39	0.48	0.11	0.25	0.33

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
186.0	14.02	13.77	13.55
188.0	13.38	13.14	12.93
190.0	12.71	12.49	12.30
192.0	12.04	11.85	11.69
194.0	11.42	11.27	11.13
196.0	10.88	10.75	10.63
198.0	10.41	10.30	10.20
200.0	10.01	9.92	9.83
205.0	9.36	9.29	9.22
210.0	8.84	8.79	8.74
212.5	8.62	8.57	8.52
215.0	8.41	8.37	8.33
217.5	8.22	8.18	8.14
220.0	8.03	8.00	7.97
222.5	7.87	7.84	7.81
225.0	7.71	7.69	7.66
227.5	7.58	7.55	7.53
230.0	7.45	7.43	7.40
232.5	7.33	7.31	7.29
235.0	7.22	7.21	7.18
240.0	7.03	7.01	6.99
245.0	6.86	6.84	6.83
253.0	6.60	6.60	6.59
255.0	6.54	6.54	6.53
260.0	6.40	6.40	6.40
265.0	6.27	6.28	6.28
270.0	6.16	6.17	6.18
275.0	6.08	6.10	6.12
280.0	6.04	6.06	6.09
285.0	6.04	6.06	6.09
290.0	6.08	6.10	6.13
295.0	6.16	6.18	6.21
300.0	6.28	6.30	6.32
305.0	6.42	6.43	6.46
310.0	6.58	6.60	6.62
315.0	6.76	6.79	6.82
320.0	6.98	7.01	7.04
325.0	7.24	7.28	7.31
330.0	7.55	7.59	7.63
335.0	7.93	7.96	7.99
340.0	8.33	8.34	8.34