

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(MHz)	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
10	0.12	0.14	0.11	42.83	39.40	37.55	41.28	38.58	37.93
100	0.17	0.21	0.13	34.90	37.18	32.94	31.38	31.95	32.89
200	0.24	0.29	0.22	37.56	33.94	35.55	27.44	26.33	24.94
250	0.27	0.33	0.27	33.75	32.56	35.01	25.41	24.74	23.49
300	0.32	0.38	0.32	28.49	30.63	33.03	23.32	23.50	22.96
350	0.36	0.43	0.37	25.79	29.62	30.52	21.94	22.78	22.72
400	0.41	0.48	0.43	24.73	28.78	29.46	21.64	22.71	22.54
500	0.51	0.59	0.56	25.90	29.14	32.79	23.71	24.56	24.83
550	0.57	0.66	0.64	27.97	31.03	37.15	26.80	27.57	28.27
600	0.64	0.74	0.73	30.64	33.63	40.51	33.15	34.75	35.26
650	0.73	0.84	0.85	32.88	34.71	40.32	36.52	38.94	38.25
700	0.86	0.98	1.00	30.08	31.16	34.42	26.95	27.54	28.18
750	1.04	1.17	1.20	27.63	28.47	30.15	22.92	23.17	23.10
780	1.19	1.32	1.36	27.40	27.73	28.54	21.50	21.49	21.21
800	1.31	1.44	1.50	27.79	27.46	27.50	20.80	20.61	20.19
820	1.46	1.59	1.65	26.80	26.36	26.13	19.88	19.67	19.18
850	1.79	1.91	1.97	20.95	21.91	22.33	17.18	17.48	17.32
900	3.08	2.99	2.96	10.93	12.76	13.98	10.70	12.03	12.73
920	4.18	3.86	3.72	7.94	9.67	10.92	8.39	9.80	10.72
960	8.22	7.16	6.51	3.94	5.07	6.05	5.28	6.37	7.40
1000	14.82	13.05	11.71	2.20	2.78	3.33	3.82	4.57	5.48
1020	18.80	16.78	15.15	1.80	2.22	2.62	3.36	4.02	4.86
1050	25.32	23.02	21.06	1.45	1.75	2.01	2.78	3.36	4.07
1090	34.40	31.98	29.83	1.20	1.44	1.60	2.14	2.62	3.15
1150	44.94	43.87	42.58	0.97	1.18	1.27	1.46	1.80	2.12
1200	47.21	47.26	47.30	0.86	1.04	1.10	1.09	1.36	1.57
1250	47.69	47.69	47.71	0.77	0.94	0.98	0.84	1.05	1.21
1400	56.59	54.79	53.39	0.58	0.73	0.73	0.44	0.56	0.66
1500	61.91	65.73	67.19	0.49	0.63	0.63	0.33	0.42	0.51
1550	56.08	57.78	59.97	0.45	0.59	0.58	0.28	0.37	0.46
2000	53.26	52.62	52.25	0.27	0.38	0.36	0.12	0.19	0.29
3000	49.09	49.70	50.14	0.15	0.24	0.22	0.00	0.09	0.21
3200	48.24	48.72	48.79	0.14	0.23	0.21	0.00	0.09	0.19
3220	48.10	48.59	48.65	0.14	0.22	0.20	0.01	0.08	0.19
3280	47.96	48.18	48.41	0.14	0.22	0.20	0.01	0.08	0.20
3400	47.54	47.87	48.16	0.12	0.21	0.20	0.02	0.07	0.20
3600	47.37	47.65	47.68	0.12	0.20	0.19	0.04	0.06	0.20
3800	47.52	47.62	47.77	0.11	0.19	0.18	0.06	0.06	0.21
4000	47.80	47.95	48.02	0.09	0.18	0.19	0.08	0.04	0.21
4200	48.14	48.30	48.09	0.08	0.18	0.18	0.09	0.04	0.23
4400	48.63	48.72	49.03	0.08	0.18	0.18	0.10	0.04	0.26
4420	48.48	48.81	49.17	0.07	0.17	0.18	0.10	0.04	0.26
4500	48.59	48.57	49.48	0.07	0.17	0.19	0.10	0.04	0.26
5000	47.66	49.13	49.36	0.06	0.18	0.21	0.11	0.05	0.33
5200	41.62	43.81	45.96	0.07	0.19	0.23	0.04	0.07	0.38
5400	41.81	37.24	35.22	0.08	0.23	0.30	0.02	0.31	0.83
5600	49.76	48.23	46.30	0.07	0.22	0.28	0.09	0.08	0.46
5800	53.76	53.31	51.33	0.09	0.23	0.32	0.11	0.06	0.43
6000	52.89	52.43	50.76	0.14	0.28	0.37	0.08	0.07	0.48
6200	47.34	50.72	52.27	0.32	0.40	0.45	0.06	0.10	0.51
6500	33.37	34.01	37.00	0.87	1.40	1.30	0.03	0.12	0.55
7000	34.68	35.40	35.11	0.31	0.49	0.65	0.02	0.17	0.58
7500	34.80	34.89	34.53	2.49	1.59	1.31	0.22	0.30	0.68
8000	32.16	32.68	33.65	0.52	0.90	1.41	0.29	0.49	0.96
8500	28.81	29.67	30.76	0.27	0.53	0.80	0.42	0.49	0.80
9000	27.42	27.27	28.00	0.25	0.50	0.76	4.32	2.24	1.68
9300	28.72	27.99	28.67	0.29	0.52	0.79	2.54	4.34	5.92
9500	30.26	30.43	28.97	0.26	0.53	0.82	1.32	2.02	3.33
9800	27.52	28.39	29.62	0.28	0.50	0.82	1.34	1.39	1.95
10000	26.51	26.88	27.59	0.32	0.51	0.81	2.92	1.99	2.27

* Temperature test data was based on the underlying chip.

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-55°C	@+25°C	@+125°C
10	0.63	0.62	0.63
30	0.63	0.62	0.63
50	0.63	0.62	0.62
70	0.63	0.62	0.62
90	0.63	0.62	0.61
110	0.63	0.61	0.61
130	0.63	0.62	0.61
150	0.63	0.62	0.61
170	0.64	0.62	0.61
190	0.64	0.62	0.61
210	0.65	0.63	0.62
230	0.65	0.63	0.62
250	0.66	0.64	0.63
270	0.66	0.64	0.63
290	0.67	0.65	0.64
310	0.68	0.66	0.65
330	0.69	0.67	0.66
350	0.70	0.68	0.66
370	0.71	0.69	0.67
390	0.72	0.70	0.69
410	0.73	0.71	0.70
430	0.75	0.73	0.71
450	0.76	0.74	0.73
470	0.78	0.76	0.74
490	0.80	0.78	0.76
510	0.83	0.80	0.78
530	0.85	0.82	0.80
550	0.88	0.85	0.83
570	0.90	0.88	0.85
590	0.94	0.91	0.88
610	0.97	0.94	0.92
630	1.01	0.98	0.95
650	1.05	1.02	0.99
670	1.10	1.07	1.03
690	1.16	1.12	1.08
710	1.22	1.18	1.14
730	1.29	1.25	1.21
750	1.38	1.33	1.28
770	1.48	1.43	1.37
790	1.60	1.54	1.47
800	1.66	1.61	1.53

* Temperature test data was based on the underlying chip