

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
0.5	0.01	0.02	0.02	54.72	51.43	50.26	54.68	51.48	50.14
1	0.01	0.02	0.02	54.53	51.69	50.03	54.41	51.75	49.97
10	0.02	0.03	0.03	52.23	49.72	48.05	52.50	50.05	48.21
20	0.03	0.04	0.04	48.86	47.49	45.75	49.99	48.30	45.95
50	0.05	0.06	0.06	43.56	43.95	42.57	45.04	45.20	42.90
80	0.06	0.08	0.09	42.33	42.82	42.47	43.12	42.28	41.51
100	0.07	0.09	0.10	41.99	42.39	42.27	42.96	41.29	40.97
150	0.09	0.12	0.13	38.74	38.97	35.46	40.46	39.22	35.83
200	0.11	0.14	0.16	38.66	35.69	30.28	38.67	35.20	30.31
250	0.13	0.17	0.20	41.02	32.79	27.73	41.20	32.60	27.72
300	0.14	0.20	0.23	32.65	29.83	26.64	32.58	29.48	26.44
350	0.16	0.23	0.26	27.06	27.52	26.36	26.98	27.20	26.00
400	0.19	0.26	0.29	24.00	25.34	25.94	24.00	25.20	25.67
450	0.21	0.29	0.33	22.62	24.03	25.53	22.60	23.96	25.37
490	0.24	0.32	0.35	22.20	23.35	25.24	22.17	23.35	25.22
500	0.24	0.32	0.36	22.11	23.24	25.13	22.12	23.27	25.18
550	0.26	0.35	0.39	22.30	23.34	25.27	22.43	23.55	25.66
600	0.27	0.38	0.42	23.29	24.38	26.42	23.57	24.86	27.26
650	0.29	0.41	0.47	25.73	27.10	29.16	26.35	28.31	31.34
700	0.31	0.44	0.51	30.15	30.92	31.14	30.81	32.80	32.90
750	0.36	0.50	0.58	27.89	27.08	26.31	27.38	26.93	25.95
800	0.41	0.58	0.66	23.23	22.96	22.92	22.68	22.39	22.17
810	0.43	0.59	0.68	22.67	22.50	22.62	22.15	21.91	21.78
850	0.49	0.66	0.76	21.77	21.98	22.80	21.16	21.14	21.38
900	0.57	0.77	0.89	28.46	31.54	35.31	24.90	24.73	23.83
910	0.59	0.81	0.94	33.72	38.85	32.46	25.92	24.92	23.00
920	0.61	0.85	0.99	33.31	30.17	25.80	25.24	23.41	21.09
930	0.67	0.91	1.07	26.19	23.81	21.27	22.65	20.76	18.71
940	0.73	0.99	1.17	21.27	19.57	17.84	19.56	17.94	16.29
950	0.82	1.11	1.30	17.63	16.33	15.06	16.64	15.33	14.04
960	0.95	1.27	1.50	14.70	13.65	12.71	14.06	12.99	11.98
970	1.14	1.50	1.75	12.25	11.41	10.70	11.80	10.94	10.15
980	1.40	1.80	2.08	10.14	9.49	8.94	9.82	9.13	8.52
990	1.73	2.18	2.49	8.35	7.85	7.44	8.11	7.57	7.12
1000	2.17	2.66	3.00	6.84	6.47	6.17	6.64	6.23	5.89
1050	5.85	6.46	6.85	2.41	2.45	2.45	2.32	2.32	2.29
1100	11.00	11.55	11.91	0.97	1.11	1.19	0.96	1.06	1.12
1150	16.22	16.66	16.97	0.53	0.68	0.78	0.56	0.69	0.75
1200	21.05	21.40	21.68	0.35	0.51	0.60	0.42	0.54	0.62
1250	25.42	25.74	25.99	0.30	0.45	0.54	0.35	0.49	0.57
1300	29.36	29.64	29.87	0.24	0.40	0.49	0.32	0.46	0.55
1350	32.79	33.04	33.25	0.22	0.38	0.48	0.30	0.44	0.54
1400	35.79	36.00	36.19	0.19	0.36	0.46	0.28	0.43	0.53
1450	38.26	38.48	38.66	0.19	0.36	0.47	0.27	0.42	0.53
1500	40.32	40.47	40.64	0.16	0.34	0.45	0.25	0.42	0.52
1600	43.27	43.38	43.46	0.15	0.33	0.45	0.24	0.41	0.53
1700	45.02	45.26	45.22	0.14	0.33	0.46	0.21	0.40	0.52
1800	46.24	46.11	46.32	0.14	0.33	0.47	0.19	0.39	0.51
1900	46.89	46.97	46.96	0.13	0.33	0.48	0.17	0.38	0.51
2000	47.24	47.25	47.56	0.13	0.34	0.49	0.16	0.37	0.51
2100	47.52	47.56	47.88	0.13	0.35	0.50	0.14	0.36	0.50
2200	47.64	47.85	47.94	0.13	0.35	0.50	0.13	0.35	0.51
2300	47.60	47.89	48.09	0.14	0.36	0.52	0.14	0.35	0.50
2400	47.80	48.21	48.49	0.14	0.38	0.54	0.12	0.34	0.48
2500	48.09	48.54	48.59	0.15	0.41	0.56	0.10	0.32	0.47
2600	48.40	48.78	49.08	0.16	0.42	0.58	0.10	0.31	0.46
2700	49.25	49.96	50.23	0.17	0.44	0.59	0.08	0.31	0.45
2800	51.72	52.10	52.84	0.18	0.44	0.59	0.07	0.30	0.45
2900	58.86	60.32	61.26	0.18	0.43	0.59	0.08	0.31	0.46
3000	52.37	51.39	50.90	0.18	0.44	0.60	0.09	0.33	0.48

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(ns)		
	@-40°C	@+25°C	@+85°C
0.5	0.85	0.81	0.73
1	0.85	0.82	0.76
5	0.86	0.84	0.79
10	0.86	0.85	0.82
15	0.86	0.86	0.84
20	0.87	0.87	0.87
25	0.86	0.87	0.87
30	0.86	0.86	0.86
35	0.86	0.86	0.86
40	0.86	0.86	0.86
45	0.85	0.85	0.86
50	0.86	0.85	0.86
55	0.85	0.85	0.85
60	0.85	0.85	0.86
65	0.85	0.85	0.85
70	0.85	0.85	0.86
75	0.85	0.85	0.85
80	0.86	0.85	0.85
85	0.85	0.85	0.85
90	0.85	0.85	0.85
95	0.85	0.85	0.85
100	0.85	0.85	0.85
105	0.85	0.85	0.85
110	0.86	0.85	0.86
115	0.85	0.85	0.85
120	0.85	0.85	0.85
125	0.86	0.85	0.86
130	0.86	0.85	0.85
135	0.85	0.85	0.86
140	0.86	0.86	0.86
145	0.86	0.86	0.86
150	0.86	0.86	0.86
200	0.86	0.86	0.86
250	0.88	0.87	0.87
300	0.89	0.89	0.89
350	0.91	0.91	0.91
400	0.93	0.93	0.93
450	0.95	0.95	0.95
500	0.99	0.99	0.99
550	1.03	1.03	1.03
600	1.08	1.08	1.08
700	1.21	1.21	1.21
800	1.40	1.41	1.41
900	1.80	1.82	1.84