

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	0.02	0.02	0.03	52.19	50.99	50.19	52.13	49.76	47.62
20	0.02	0.03	0.03	45.72	50.72	50.37	46.45	49.76	48.24
40	0.03	0.04	0.05	41.27	47.00	47.73	42.42	46.83	46.09
60	0.04	0.05	0.05	38.43	43.95	46.64	39.04	43.04	44.06
80	0.04	0.05	0.06	37.08	41.73	46.27	37.82	40.99	42.54
100	0.05	0.06	0.07	36.56	39.79	44.01	37.36	39.35	40.86
120	0.05	0.06	0.07	36.79	38.17	41.57	37.59	37.68	38.76
140	0.05	0.07	0.08	37.65	36.73	38.89	38.29	36.20	36.69
150	0.06	0.07	0.08	38.32	36.15	37.70	38.70	35.55	35.69
175	0.06	0.08	0.09	40.53	34.98	34.85	39.20	34.24	33.32
200	0.06	0.08	0.09	42.30	33.72	32.39	38.28	32.90	31.18
400	0.10	0.13	0.16	26.63	26.38	24.39	26.26	25.61	23.75
600	0.13	0.17	0.20	24.21	23.74	23.09	23.22	22.91	22.24
800	0.16	0.22	0.25	22.98	22.58	22.06	22.06	21.57	21.10
1000	0.18	0.25	0.28	22.95	22.38	22.45	21.82	21.20	21.18
1200	0.21	0.28	0.32	23.00	23.07	23.67	21.71	21.49	21.81
1400	0.24	0.32	0.36	22.98	23.14	23.99	21.71	21.50	21.89
1600	0.28	0.37	0.42	21.45	21.85	22.35	20.70	20.73	20.87
1800	0.33	0.43	0.49	19.60	20.01	20.09	19.54	19.73	19.64
2000	0.40	0.52	0.59	17.95	18.12	17.92	18.78	18.99	18.81
2200	0.54	0.67	0.77	15.18	15.18	14.86	16.66	16.82	16.63
2250	0.60	0.74	0.85	14.16	14.06	13.75	15.58	15.63	15.44
2300	0.68	0.84	0.95	13.07	12.87	12.56	14.40	14.30	14.11
2350	0.79	0.97	1.09	11.82	11.54	11.25	13.01	12.82	12.61
2400	0.94	1.13	1.27	10.54	10.24	9.96	11.54	11.31	11.11
2450	1.14	1.36	1.51	9.21	8.92	8.67	10.04	9.84	9.64
2500	1.40	1.65	1.82	7.92	7.68	7.45	8.60	8.44	8.26
2550	1.75	2.02	2.22	6.70	6.51	6.32	7.26	7.16	7.00
2600	2.19	2.48	2.70	5.60	5.45	5.29	6.07	6.00	5.87
2650	2.71	3.04	3.29	4.64	4.52	4.38	5.03	4.98	4.87
2700	3.33	3.71	3.99	3.80	3.70	3.59	4.14	4.10	4.02
2750	4.05	4.47	4.78	3.10	3.02	2.94	3.39	3.37	3.31
2800	4.86	5.33	5.67	2.51	2.46	2.40	2.77	2.76	2.72
2850	5.76	6.28	6.63	2.02	1.99	1.95	2.26	2.26	2.25
2900	6.73	7.30	7.67	1.64	1.63	1.61	1.84	1.86	1.87
2950	7.79	8.39	8.78	1.31	1.33	1.32	1.51	1.55	1.57
3000	8.90	9.52	9.93	1.07	1.10	1.11	1.24	1.30	1.33
3050	10.07	10.71	11.13	0.87	0.92	0.93	1.02	1.09	1.13
3100	11.29	11.95	12.39	0.71	0.78	0.79	0.85	0.94	0.98
3150	12.56	13.23	13.68	0.60	0.67	0.69	0.73	0.82	0.87
3200	13.88	14.57	15.03	0.50	0.58	0.60	0.62	0.72	0.77
3250	15.23	15.94	16.43	0.43	0.51	0.54	0.54	0.64	0.70
3300	16.65	17.39	17.90	0.37	0.46	0.48	0.47	0.58	0.63
3350	18.14	18.91	19.46	0.32	0.41	0.44	0.42	0.53	0.58
3400	19.71	20.53	21.11	0.30	0.38	0.41	0.38	0.48	0.54
3450	21.41	22.29	22.92	0.26	0.35	0.38	0.34	0.45	0.51
3500	23.24	24.21	24.92	0.24	0.33	0.37	0.32	0.43	0.48
3550	25.30	26.40	27.21	0.22	0.31	0.35	0.30	0.40	0.46
3600	27.66	28.93	29.91	0.21	0.30	0.33	0.28	0.38	0.44
3650	30.50	32.06	33.30	0.20	0.29	0.33	0.27	0.37	0.43
3700	34.15	36.22	37.88	0.18	0.28	0.31	0.26	0.36	0.41
3750	39.31	42.00	43.42	0.18	0.28	0.31	0.26	0.35	0.41
3800	45.39	43.86	41.75	0.17	0.26	0.30	0.24	0.33	0.39
3850	41.35	38.73	37.17	0.16	0.26	0.30	0.23	0.33	0.38
3900	36.67	35.07	34.05	0.16	0.26	0.30	0.22	0.32	0.38
4000	31.62	30.79	30.24	0.15	0.25	0.30	0.20	0.30	0.37
4250	26.35	25.99	25.74	0.13	0.25	0.30	0.16	0.28	0.35
4500	23.91	23.74	23.60	0.12	0.24	0.30	0.11	0.25	0.35
4750	22.39	22.35	22.29	0.11	0.24	0.31	0.06	0.23	0.34
5000	21.22	21.37	21.40	0.10	0.24	0.32	0.02	0.20	0.33

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
10	0.36	0.36	0.35
20	0.36	0.35	0.35
40	0.36	0.35	0.34
50	0.36	0.35	0.34
75	0.35	0.34	0.34
100	0.35	0.34	0.34
125	0.35	0.34	0.34
150	0.35	0.34	0.34
175	0.35	0.34	0.34
200	0.35	0.34	0.34
225	0.35	0.34	0.34
250	0.35	0.34	0.34
275	0.35	0.34	0.34
300	0.35	0.34	0.34
325	0.35	0.34	0.34
350	0.35	0.34	0.34
375	0.35	0.34	0.34
400	0.35	0.34	0.34
425	0.35	0.34	0.34
450	0.35	0.34	0.34
475	0.35	0.34	0.34
500	0.36	0.35	0.34
525	0.36	0.35	0.34
550	0.36	0.35	0.34
575	0.36	0.35	0.34
600	0.36	0.35	0.34
625	0.36	0.35	0.34
650	0.36	0.35	0.34
675	0.36	0.35	0.34
700	0.36	0.35	0.34
725	0.36	0.35	0.35
750	0.36	0.35	0.35
775	0.36	0.35	0.35
800	0.36	0.35	0.35
825	0.36	0.35	0.35
850	0.36	0.35	0.35
875	0.37	0.35	0.35
900	0.37	0.36	0.35
925	0.37	0.36	0.35
950	0.37	0.36	0.35
975	0.37	0.36	0.35
1000	0.37	0.36	0.35
1100	0.38	0.37	0.36
1200	0.38	0.37	0.37
1300	0.39	0.38	0.37
1400	0.39	0.38	0.38
1500	0.40	0.39	0.39
1600	0.41	0.40	0.40
1700	0.42	0.41	0.41
1800	0.43	0.42	0.42
1900	0.44	0.43	0.43
2000	0.46	0.45	0.45
2050	0.47	0.46	0.46
2100	0.48	0.47	0.47
2150	0.49	0.48	0.48
2200	0.50	0.50	0.50
2150	0.49	0.48	0.48
2200	0.50	0.50	0.50
2300	0.54	0.53	0.53
2350	0.55	0.55	0.55