

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+100°C	@-55°C	@+25°C	@+100°C	@-55°C	@+25°C	@+100°C
10	0.08	0.11	0.13	41.42	38.21	36.80	38.41	36.88	34.72
20	0.10	0.12	0.15	39.23	36.88	34.86	37.16	35.34	33.63
50	0.14	0.16	0.18	36.59	34.52	32.73	34.16	32.49	31.08
100	0.19	0.22	0.24	33.53	32.67	31.62	30.57	29.81	29.21
150	0.24	0.27	0.30	30.83	32.10	32.12	27.68	28.22	28.36
200	0.29	0.32	0.36	29.59	32.10	31.80	26.22	27.20	27.39
225	0.31	0.35	0.39	29.91	32.61	31.69	26.18	26.89	27.10
250	0.33	0.38	0.42	31.11	33.27	31.80	26.47	26.68	26.90
275	0.35	0.41	0.46	32.80	33.92	32.51	26.86	26.49	26.81
300	0.38	0.45	0.50	35.15	35.24	34.33	27.30	26.28	26.64
325	0.40	0.48	0.54	38.67	37.18	37.34	27.48	25.82	25.96
350	0.43	0.52	0.58	40.70	38.15	41.31	26.82	24.72	24.47
375	0.47	0.56	0.63	37.96	36.96	41.39	24.89	22.96	22.28
400	0.50	0.61	0.68	34.54	34.36	36.62	22.16	20.67	19.78
450	0.59	0.72	0.81	29.11	29.24	29.53	16.19	15.46	14.63
500	0.72	0.86	0.98	25.22	25.49	25.42	10.91	10.48	9.93
530	0.81	0.98	1.11	23.67	23.98	23.75	8.23	7.92	7.54
550	0.89	1.08	1.23	22.88	23.19	22.87	6.72	6.48	6.22
600	1.18	1.43	1.65	21.53	21.59	20.86	4.06	4.00	3.94
650	1.78	2.20	2.59	17.86	17.15	16.04	2.25	2.37	2.49
670	2.26	2.83	3.35	14.95	14.08	13.11	1.87	2.08	2.24
700	3.62	4.58	5.46	10.21	9.43	8.83	1.59	1.82	1.99
725	5.97	7.54	8.84	6.75	6.23	5.96	1.44	1.66	1.84
750	10.51	12.68	14.05	4.22	4.06	4.06	1.31	1.53	1.70
775	16.89	17.49	17.52	2.78	2.87	2.99	1.21	1.42	1.58
800	18.48	18.58	18.94	2.08	2.23	2.37	1.11	1.31	1.47
825	19.97	21.02	22.00	1.66	1.81	1.94	1.03	1.21	1.36
830	20.56	21.77	22.84	1.59	1.74	1.87	1.01	1.20	1.34
850	23.83	25.59	27.05	1.36	1.51	1.63	0.95	1.13	1.26
860	25.99	28.03	29.66	1.27	1.41	1.53	0.92	1.09	1.23
875	30.00	32.44	34.15	1.15	1.29	1.40	0.87	1.04	1.17
880	31.57	34.08	35.58	1.11	1.26	1.36	0.86	1.03	1.16
900	38.19	38.21	37.09	0.99	1.13	1.23	0.81	0.97	1.09
925	36.32	34.83	33.95	0.88	1.01	1.09	0.75	0.90	1.01
980	31.91	31.96	32.03	0.69	0.82	0.88	0.63	0.78	0.87
1000	31.94	32.22	32.46	0.65	0.76	0.83	0.60	0.74	0.83
1100	37.93	39.16	40.18	0.49	0.59	0.63	0.47	0.59	0.66
1200	48.26	46.00	44.61	0.41	0.49	0.52	0.39	0.50	0.56
1300	37.73	37.32	37.12	0.36	0.44	0.46	0.34	0.44	0.49
1400	35.09	35.09	35.19	0.33	0.41	0.42	0.31	0.41	0.45
1500	34.76	34.99	35.23	0.31	0.39	0.40	0.30	0.38	0.42
1600	35.74	36.17	36.53	0.29	0.37	0.38	0.28	0.37	0.40
1700	37.89	38.54	39.05	0.28	0.36	0.37	0.28	0.36	0.39
1800	41.65	42.69	43.49	0.26	0.35	0.36	0.27	0.35	0.38
1900	49.12	51.19	52.69	0.26	0.34	0.35	0.27	0.34	0.37
2000	52.89	50.28	48.52	0.25	0.33	0.34	0.27	0.34	0.37
2200	38.96	38.41	37.92	0.23	0.32	0.33	0.26	0.34	0.36
2400	34.24	33.99	33.71	0.21	0.30	0.32	0.26	0.33	0.36
2600	31.70	31.51	31.33	0.19	0.29	0.31	0.26	0.33	0.36
2800	30.04	29.94	29.82	0.17	0.28	0.31	0.25	0.33	0.37
3000	28.92	28.89	28.81	0.15	0.26	0.30	0.24	0.33	0.37
3100	28.47	28.49	28.43	0.14	0.26	0.30	0.24	0.33	0.38
3200	28.09	28.16	28.12	0.13	0.25	0.31	0.24	0.33	0.38
3300	27.80	27.88	27.87	0.12	0.25	0.31	0.23	0.33	0.39
3400	27.55	27.64	27.64	0.12	0.24	0.31	0.23	0.33	0.39
3500	27.32	27.44	27.45	0.11	0.24	0.31	0.23	0.33	0.40
3600	27.13	27.26	27.28	0.10	0.24	0.31	0.22	0.33	0.41
3700	26.97	27.10	27.13	0.09	0.24	0.31	0.22	0.33	0.42
3800	26.81	26.95	26.99	0.08	0.23	0.32	0.21	0.34	0.43
4000	26.50	26.65	26.67	0.07	0.23	0.33	0.22	0.37	0.50

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+100°C
10	0.73	0.75	0.72
20	0.73	0.73	0.72
30	0.73	0.73	0.72
40	0.72	0.72	0.72
50	0.72	0.72	0.72
70	0.72	0.72	0.71
100	0.72	0.72	0.71
150	0.73	0.72	0.72
170	0.73	0.73	0.73
200	0.74	0.74	0.73
225	0.75	0.75	0.74
250	0.76	0.76	0.76
275	0.78	0.77	0.77
300	0.80	0.79	0.79
300	0.80	0.79	0.79
305	0.80	0.80	0.79
310	0.80	0.80	0.80
315	0.81	0.80	0.80
320	0.81	0.81	0.81
325	0.82	0.81	0.81
330	0.82	0.82	0.81
335	0.82	0.82	0.82
440	0.95	0.95	0.96
445	0.96	0.96	0.96
450	0.97	0.97	0.97
455	0.98	0.98	0.98
460	0.99	0.99	0.99
465	1.00	1.00	1.00
470	1.01	1.01	1.02
475	1.02	1.02	1.03
480	1.03	1.03	1.04
485	1.04	1.04	1.05
490	1.05	1.06	1.06
495	1.06	1.07	1.08
500	1.08	1.08	1.09
505	1.09	1.10	1.11
510	1.10	1.11	1.12
515	1.12	1.13	1.14
520	1.13	1.14	1.15
525	1.15	1.16	1.17
530	1.16	1.17	1.19