

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	0.03	0.05	0.06	49.51	45.23	43.38	48.58	44.25	42.28
40	0.05	0.07	0.08	45.09	40.55	37.16	44.66	40.01	36.83
100	0.08	0.10	0.11	38.18	36.11	33.05	37.74	35.24	33.00
160	0.10	0.12	0.13	31.36	33.81	33.39	30.68	32.56	33.05
200	0.12	0.14	0.15	28.82	32.72	34.50	28.15	31.26	33.53
280	0.14	0.17	0.18	27.20	31.24	36.03	26.26	29.23	32.47
300	0.14	0.18	0.19	27.26	30.95	36.08	26.22	28.82	31.97
400	0.16	0.20	0.23	28.92	29.83	34.04	26.79	27.11	29.24
460	0.16	0.22	0.24	29.43	29.26	32.26	26.69	26.29	27.80
520	0.17	0.24	0.26	29.00	28.70	31.05	26.11	25.52	26.67
580	0.18	0.25	0.28	28.05	28.06	30.28	25.34	24.81	25.82
640	0.19	0.27	0.30	27.01	27.37	29.59	24.45	24.12	24.99
700	0.20	0.28	0.32	26.09	26.70	28.66	23.56	23.48	24.13
760	0.21	0.29	0.33	25.34	25.95	27.33	22.88	22.90	23.24
820	0.22	0.31	0.35	24.66	25.17	25.93	22.34	22.32	22.36
880	0.24	0.33	0.37	23.74	24.38	24.64	21.70	21.76	21.55
940	0.25	0.34	0.39	22.55	23.61	23.56	20.83	21.21	20.82
1000	0.27	0.36	0.42	21.40	22.81	22.56	19.99	20.68	20.16
1060	0.28	0.37	0.43	20.69	22.06	21.66	19.48	20.17	19.54
1120	0.29	0.39	0.45	20.41	21.34	20.83	19.31	19.68	18.96
1180	0.30	0.40	0.48	20.23	20.66	20.06	19.23	19.21	18.44
1240	0.31	0.42	0.50	19.86	20.02	19.38	18.98	18.78	17.98
1300	0.32	0.44	0.52	19.29	19.43	18.78	18.56	18.36	17.56
1360	0.34	0.46	0.54	18.72	18.87	18.29	18.14	17.97	17.24
2000	0.52	0.67	0.77	16.45	16.50	17.09	16.62	16.53	17.02
2500	0.66	0.85	0.99	21.30	22.84	23.82	20.94	21.81	22.17
2750	0.81	1.06	1.23	27.90	26.71	27.07	23.33	22.22	22.01
2800	0.86	1.12	1.30	25.85	25.49	25.86	22.17	21.46	21.32
2900	0.99	1.27	1.48	22.46	23.51	24.26	19.92	20.04	20.07
3000	1.16	1.47	1.72	21.39	23.49	24.99	18.57	18.98	18.95
3150	1.63	2.08	2.47	20.86	19.35	18.11	15.77	14.64	13.79
3200	1.95	2.52	3.02	16.85	14.99	13.74	13.32	11.99	11.12
3220	2.13	2.76	3.32	15.10	13.36	12.21	12.21	10.92	10.08
3600	17.97	20.11	21.97	1.40	1.59	1.75	2.04	2.35	2.60
3700	25.66	28.24	30.54	1.00	1.24	1.43	1.84	2.20	2.45
3730	28.31	31.10	33.63	0.93	1.17	1.37	1.80	2.16	2.41
4000	45.66	45.70	45.86	0.60	0.83	1.03	1.52	1.80	1.97
4200	47.85	49.63	51.20	0.52	0.72	0.89	1.24	1.47	1.60
4300	52.83	55.45	57.54	0.49	0.69	0.84	1.11	1.32	1.44
4350	56.44	59.44	61.17	0.48	0.67	0.81	1.04	1.26	1.37
5000	58.43	59.34	60.23	0.38	0.56	0.65	0.50	0.71	0.81
5500	58.01	56.66	55.65	0.29	0.52	0.67	0.33	0.53	0.67
6000	48.85	48.62	48.33	0.23	0.50	0.75	0.23	0.46	0.62
6200	47.01	47.03	46.91	0.21	0.49	0.77	0.22	0.44	0.61
6400	45.57	45.80	45.83	0.21	0.49	0.78	0.21	0.44	0.61
6500	45.02	45.33	45.40	0.21	0.48	0.78	0.20	0.43	0.61
6600	44.51	44.86	44.99	0.20	0.48	0.78	0.20	0.43	0.60
6800	43.72	44.04	44.24	0.20	0.48	0.77	0.19	0.42	0.61
7000	43.06	43.33	43.59	0.21	0.48	0.75	0.19	0.42	0.60
7200	42.48	42.68	42.99	0.21	0.47	0.72	0.19	0.42	0.60
7300	42.20	42.41	42.68	0.21	0.47	0.70	0.20	0.42	0.60
7500	41.73	41.81	42.09	0.21	0.47	0.68	0.20	0.42	0.60
8000	40.45	40.54	40.66	0.19	0.45	0.64	0.21	0.43	0.60
10000	35.37	35.18	35.25	0.11	0.38	0.68	0.22	0.47	0.58
12000	31.82	31.77	31.65	0.15	0.61	0.93	0.22	0.55	0.79
13000	30.68	31.25	31.10	0.30	0.80	1.44	0.30	0.70	1.08
14000	28.69	29.18	30.15	0.39	0.97	1.24	0.19	0.57	0.84
15000	28.93	28.48	28.39	0.23	0.88	1.67	0.10	0.53	0.83
15500	27.99	28.37	28.44	0.49	0.79	1.31	0.08	0.50	0.82
16000	26.87	27.92	29.75	0.80	0.88	1.07	0.06	0.53	0.86

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+100°C
10	0.37	0.36	0.35
80	0.36	0.35	0.34
100	0.36	0.35	0.34
200	0.35	0.34	0.34
260	0.35	0.34	0.34
320	0.35	0.34	0.34
380	0.35	0.34	0.34
440	0.36	0.34	0.34
500	0.36	0.34	0.34
560	0.36	0.35	0.34
620	0.36	0.35	0.34
680	0.36	0.35	0.34
740	0.36	0.35	0.34
800	0.36	0.35	0.34
860	0.36	0.35	0.34
920	0.36	0.35	0.35
980	0.37	0.35	0.35
1000	0.37	0.36	0.35
1100	0.37	0.36	0.35
1160	0.37	0.36	0.35
1200	0.37	0.36	0.35
1280	0.38	0.37	0.36
1300	0.38	0.37	0.36
1400	0.38	0.37	0.36
1460	0.39	0.37	0.37
1500	0.39	0.38	0.37
1580	0.39	0.38	0.37
1600	0.39	0.38	0.38
1700	0.40	0.39	0.38
1760	0.41	0.39	0.39
1800	0.41	0.40	0.39
1880	0.42	0.40	0.40
1900	0.42	0.41	0.40
2000	0.43	0.42	0.41
2100	0.44	0.43	0.43
2200	0.45	0.44	0.44
2300	0.47	0.46	0.46
2400	0.49	0.48	0.48
2500	0.51	0.51	0.50
2700	0.57	0.57	0.57
2750	0.59	0.59	0.59