

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	0.13	0.17	0.21	33.92	32.80	30.21	34.24	32.63	30.28
40	0.20	0.24	0.28	29.09	27.00	25.39	28.16	26.30	24.85
100	0.32	0.37	0.41	23.10	22.21	21.39	21.34	20.53	19.88
200	0.51	0.57	0.60	18.53	18.92	19.79	16.51	16.49	16.84
300	0.67	0.77	0.84	18.41	17.90	17.99	17.16	16.33	16.07
400	0.90	1.03	1.12	20.91	20.81	20.47	24.77	24.48	23.07
420	0.96	1.10	1.20	22.20	21.90	21.76	29.54	29.89	28.45
460	1.14	1.30	1.41	23.69	22.59	23.02	25.94	25.91	28.00
490	1.35	1.52	1.64	21.62	20.93	21.25	20.23	20.16	20.62
500	1.43	1.60	1.73	20.78	20.28	20.52	19.07	19.00	19.28
590	3.23	3.26	3.38	16.22	19.10	19.94	12.28	13.48	13.78
600	3.90	3.79	3.86	12.65	15.80	17.45	10.41	11.98	12.57
685	22.60	20.46	19.16	1.67	2.15	2.59	3.23	3.93	4.53
700	27.28	24.96	23.52	1.40	1.78	2.12	2.91	3.53	4.07
720	33.94	31.32	29.69	1.16	1.46	1.72	2.53	3.07	3.54
800	60.97	63.43	63.09	0.69	0.88	1.03	1.46	1.77	2.04
850	58.33	58.75	59.13	0.55	0.72	0.84	1.07	1.31	1.49
900	59.56	59.76	60.07	0.46	0.61	0.71	0.81	1.00	1.14
960	60.37	60.60	60.83	0.37	0.52	0.61	0.62	0.77	0.87
1000	60.77	60.87	61.05	0.33	0.47	0.56	0.53	0.67	0.75
1100	64.43	63.54	63.12	0.26	0.39	0.48	0.40	0.50	0.56
1500	51.68	52.72	53.31	0.19	0.30	0.37	0.26	0.32	0.35
2000	46.32	46.66	46.81	0.22	0.32	0.37	0.24	0.30	0.32
2200	46.10	46.37	46.44	0.23	0.34	0.39	0.24	0.30	0.32
2300	46.20	46.43	46.51	0.24	0.35	0.40	0.24	0.30	0.32
2400	46.46	46.67	46.68	0.24	0.36	0.41	0.24	0.30	0.32
2500	46.88	47.01	47.02	0.24	0.36	0.43	0.23	0.30	0.32
2700	48.04	48.12	48.08	0.25	0.38	0.45	0.23	0.30	0.33
2900	49.96	49.88	49.77	0.26	0.39	0.48	0.22	0.31	0.34
3000	51.27	51.14	50.95	0.26	0.40	0.48	0.22	0.31	0.35
3300	58.58	57.79	57.15	0.27	0.42	0.51	0.22	0.32	0.37
3500	67.28	69.55	68.72	0.30	0.43	0.52	0.22	0.33	0.39
3700	53.60	55.56	56.87	0.35	0.47	0.56	0.21	0.34	0.41
3900	44.99	46.93	48.19	0.46	0.56	0.65	0.22	0.35	0.44
4000	40.14	42.62	44.17	0.60	0.67	0.75	0.23	0.37	0.46
4200	24.99	29.76	32.96	2.92	1.82	1.53	0.48	0.50	0.57
4500	24.41	20.62	18.50	1.64	2.06	2.56	0.60	1.35	2.33
4700	32.05	30.76	29.50	5.45	4.61	3.51	0.24	0.45	0.62
4900	28.00	29.72	30.76	1.30	1.89	2.85	0.24	0.42	0.57
5000	25.93	26.15	27.89	1.64	1.69	1.89	0.38	0.51	0.61
5300	46.29	50.84	48.58	0.38	0.69	1.04	0.17	0.40	0.57
5500	40.28	41.59	42.93	0.33	0.62	0.93	0.16	0.39	0.57
5700	37.40	38.30	39.10	0.35	0.61	0.91	0.17	0.40	0.59
5900	35.28	36.11	36.83	0.41	0.63	0.90	0.18	0.41	0.60
6000	34.56	35.31	36.01	0.44	0.65	0.90	0.18	0.42	0.60
6300	32.33	33.16	33.89	0.63	0.77	0.94	0.27	0.47	0.64
6500	30.54	31.48	32.30	0.88	0.96	1.06	0.56	0.61	0.72
6700	29.35	29.42	30.32	1.52	1.41	1.38	2.40	1.42	1.15
6900	37.04	32.88	31.10	2.90	2.57	2.31	1.14	2.23	2.87
7000	49.16	39.07	35.44	4.36	3.47	3.11	0.75	1.30	1.94
7300	33.53	37.03	40.75	13.32	24.92	14.68	0.65	0.77	0.91
7500	30.21	31.49	32.96	3.80	6.14	8.83	1.28	1.02	0.98
7700	28.43	29.55	30.41	1.78	2.70	3.64	1.20	1.65	1.61
7900	26.97	27.82	28.55	1.09	1.65	2.18	0.83	1.02	1.22
8000	26.41	27.16	27.79	0.90	1.39	1.85	0.83	0.92	1.03
8100	25.89	26.59	27.14	0.78	1.22	1.63	0.87	0.91	0.96
8200	25.40	26.05	26.55	0.70	1.11	1.48	0.95	0.95	0.97
8300	24.93	25.57	26.06	0.65	1.02	1.37	1.05	1.02	1.01
8400	24.52	25.12	25.58	0.63	0.97	1.30	1.18	1.12	1.09
8500	24.17	24.71	25.14	0.62	0.94	1.24	1.35	1.26	1.21

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+100°C
10	1.24	1.24	1.18
11	1.24	1.23	1.18
12	1.24	1.23	1.18
13	1.24	1.23	1.18
14	1.23	1.22	1.18
15	1.23	1.22	1.18
16	1.23	1.21	1.18
17	1.23	1.21	1.18
18	1.22	1.20	1.18
19	1.22	1.20	1.18
20	1.22	1.20	1.18
40	1.22	1.20	1.18
60	1.22	1.20	1.18
80	1.22	1.20	1.18
100	1.22	1.20	1.18
120	1.23	1.20	1.19
140	1.24	1.21	1.20
160	1.25	1.22	1.21
180	1.26	1.24	1.22
200	1.28	1.26	1.24
220	1.31	1.28	1.26
240	1.33	1.30	1.29
260	1.37	1.34	1.32
280	1.40	1.37	1.35
300	1.45	1.41	1.39
320	1.50	1.46	1.44
340	1.56	1.52	1.49
360	1.63	1.58	1.55
380	1.70	1.65	1.62
400	1.78	1.73	1.69
420	1.87	1.81	1.77
440	1.97	1.90	1.86
460	2.07	2.00	1.95
480	2.18	2.10	2.05
490	2.30	2.21	2.15
500	2.43	2.32	2.26
510	2.58	2.45	2.38
520	2.74	2.59	2.51
530	2.91	2.75	2.65
540	3.11	2.92	2.81
550	3.32	3.11	2.98