

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	0.10	0.12	40.23	38.21	36.63	40.95	38.34	36.91
40	0.11	0.13	0.16	35.40	33.15	31.36	34.72	32.44	30.72
100	0.18	0.20	0.22	28.87	28.68	27.90	27.48	27.04	26.17
160	0.24	0.26	0.28	24.25	26.32	27.81	22.75	23.93	24.66
220	0.29	0.32	0.34	22.04	24.65	28.09	20.37	21.74	23.33
280	0.33	0.37	0.40	21.53	23.14	26.49	19.49	20.06	21.46
340	0.36	0.43	0.47	21.33	21.72	23.66	19.08	18.82	19.51
400	0.41	0.49	0.54	20.50	20.44	21.24	18.37	17.87	17.98
460	0.46	0.56	0.62	19.21	19.36	19.63	17.53	17.26	17.11
520	0.52	0.62	0.70	18.21	18.58	18.76	17.09	17.06	16.91
580	0.58	0.70	0.78	17.77	18.21	18.39	17.15	17.26	17.14
640	0.65	0.77	0.87	17.88	18.34	18.38	17.83	18.05	17.84
700	0.72	0.86	0.98	18.64	19.14	18.92	19.23	19.61	19.15
760	0.80	0.98	1.12	20.28	20.82	20.36	21.70	22.33	21.60
850	1.03	1.25	1.44	24.96	25.45	24.92	28.96	30.53	29.70
880	1.14	1.39	1.61	27.00	27.18	26.64	34.00	36.26	35.31
900	1.24	1.51	1.75	28.17	27.81	27.16	41.21	41.22	36.97
1000	2.32	2.90	3.49	15.98	14.60	13.41	16.11	15.12	13.88
1010	2.58	3.24	3.92	14.16	12.85	11.75	14.38	13.45	12.37
1130	15.89	18.39	20.51	2.22	2.26	2.33	3.75	4.04	4.37
1140	17.96	20.57	22.79	2.00	2.07	2.16	3.54	3.86	4.20
1180	27.43	30.56	33.27	1.44	1.58	1.70	2.93	3.26	3.57
1300	52.73	54.55	56.03	0.82	0.99	1.10	1.74	1.97	2.14
1360	60.93	64.05	64.52	0.68	0.84	0.95	1.36	1.56	1.69
1400	67.07	64.95	63.53	0.60	0.76	0.87	1.17	1.35	1.47
1600	56.36	55.04	54.18	0.38	0.54	0.65	0.67	0.80	0.87
2500	57.49	58.68	59.75	0.21	0.35	0.43	0.30	0.40	0.44
2850	56.97	56.08	55.39	0.19	0.34	0.43	0.25	0.35	0.39
2900	55.18	54.53	53.89	0.19	0.34	0.43	0.24	0.35	0.39
2950	53.76	53.23	52.72	0.19	0.34	0.44	0.23	0.34	0.38
3000	52.59	52.13	51.74	0.19	0.34	0.44	0.23	0.33	0.38
3100	50.81	50.49	50.23	0.19	0.34	0.44	0.21	0.32	0.37
3200	49.51	49.31	49.11	0.18	0.35	0.44	0.20	0.31	0.36
3300	48.50	48.45	48.30	0.18	0.35	0.44	0.19	0.30	0.36
3500	47.23	47.28	47.25	0.19	0.35	0.44	0.17	0.29	0.35
3700	46.60	46.73	46.76	0.21	0.36	0.44	0.14	0.27	0.34
4000	46.42	46.71	46.87	0.25	0.38	0.44	0.11	0.26	0.35
4500	48.14	48.64	48.93	0.27	0.41	0.47	0.08	0.24	0.36
5500	58.55	55.79	53.77	0.14	0.43	0.67	0.09	0.28	0.42
5650	51.37	49.30	47.64	0.12	0.43	0.70	0.11	0.30	0.45
5800	44.87	42.37	40.01	0.12	0.43	0.73	0.15	0.36	0.56
5950	35.74	37.12	41.04	0.17	0.47	0.74	0.43	0.57	0.57
6000	36.33	41.44	45.37	0.17	0.44	0.73	0.41	0.42	0.50
6250	56.55	60.95	62.77	0.14	0.43	0.72	0.17	0.34	0.47
6400	63.06	62.15	61.84	0.16	0.43	0.72	0.18	0.35	0.48
6550	64.49	66.93	61.54	0.17	0.45	0.72	0.20	0.37	0.49
6600	68.09	60.39	53.04	0.17	0.45	0.72	0.21	0.38	0.50
6850	33.11	32.52	34.29	0.43	0.62	0.75	0.39	0.51	0.55
7000	34.22	35.63	36.46	0.22	0.46	0.67	0.28	0.42	0.51
7150	35.80	36.37	36.78	0.18	0.44	0.65	0.27	0.42	0.51
7300	36.11	36.33	36.58	0.15	0.43	0.64	0.28	0.44	0.52
7450	35.97	36.06	36.22	0.13	0.42	0.63	0.29	0.45	0.52
7600	35.58	35.59	35.72	0.11	0.40	0.62	0.30	0.46	0.52
7750	34.98	35.00	35.10	0.08	0.38	0.62	0.31	0.47	0.52
7900	34.32	34.35	34.41	0.06	0.37	0.62	0.31	0.48	0.52
8000	33.90	33.92	33.96	0.04	0.35	0.61	0.32	0.49	0.53
8200	33.01	33.06	33.14	0.03	0.35	0.62	0.33	0.50	0.53
9000	30.15	30.40	30.75	0.20	0.48	0.73	0.31	0.56	0.61
9800	24.01	22.98	22.91	2.45	2.05	1.81	0.34	0.66	0.79
11000	22.49	22.42	21.96	1.88	1.61	1.53	0.33	0.69	0.98

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+100°C
10	0.71	0.73	0.76
20	0.70	0.70	0.70
40	0.70	0.69	0.69
60	0.70	0.69	0.69
80	0.69	0.69	0.69
100	0.69	0.69	0.68
120	0.69	0.69	0.68
140	0.69	0.68	0.68
160	0.69	0.68	0.68
180	0.69	0.68	0.68
200	0.69	0.69	0.68
220	0.69	0.69	0.69
240	0.70	0.69	0.69
260	0.70	0.70	0.69
280	0.71	0.70	0.70
300	0.71	0.71	0.70
320	0.72	0.71	0.71
340	0.72	0.72	0.71
360	0.73	0.72	0.72
380	0.74	0.73	0.73
400	0.75	0.74	0.74
420	0.75	0.75	0.74
440	0.76	0.76	0.75
460	0.77	0.77	0.76
480	0.78	0.78	0.78
500	0.80	0.79	0.79
520	0.81	0.80	0.80
540	0.82	0.82	0.82
560	0.84	0.83	0.83
580	0.85	0.85	0.85
600	0.87	0.87	0.87
620	0.89	0.89	0.89
640	0.91	0.92	0.92
660	0.94	0.94	0.94
680	0.96	0.97	0.97
700	0.99	1.00	1.00
800	1.18	1.20	1.21
820	1.22	1.24	1.26
840	1.26	1.29	1.31
850	1.31	1.33	1.36
900	1.51	1.56	1.59