

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(MHz)	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+100°C	@-55°C	@+25°C	@+100°C	@-55°C	@+25°C	@+100°C
0.3	0.02	0.02	0.03	29.09	29.17	29.25	29.30	29.38	29.52
0.5	0.03	0.03	0.04	24.73	24.81	24.90	24.95	25.04	25.16
1.0	0.08	0.08	0.08	18.65	18.73	18.80	18.91	19.00	19.10
1.2	0.11	0.10	0.11	17.04	17.11	17.19	17.33	17.40	17.50
1.4	0.15	0.14	0.15	15.68	15.74	15.82	15.98	16.05	16.14
1.5	0.16	0.16	0.17	15.06	15.13	15.20	15.38	15.45	15.53
1.6	0.19	0.19	0.19	14.49	14.56	14.62	14.82	14.89	14.97
1.8	0.23	0.23	0.23	13.44	13.50	13.56	13.79	13.85	13.92
2.0	0.29	0.28	0.29	12.50	12.56	12.61	12.87	12.92	12.99
2.2	0.35	0.34	0.35	11.64	11.70	11.75	12.03	12.08	12.14
2.4	0.42	0.41	0.41	10.87	10.92	10.96	11.28	11.31	11.37
2.5	0.45	0.45	0.45	10.50	10.55	10.59	10.92	10.95	11.01
2.6	0.49	0.49	0.49	10.15	10.20	10.24	10.58	10.61	10.66
2.8	0.58	0.57	0.57	9.49	9.53	9.56	9.94	9.96	10.00
3.0	0.66	0.65	0.66	8.88	8.91	8.94	9.34	9.35	9.38
3.2	0.76	0.75	0.75	8.30	8.33	8.36	8.79	8.79	8.81
3.4	0.87	0.86	0.86	7.77	7.79	7.81	8.27	8.26	8.27
3.5	0.92	0.91	0.92	7.52	7.54	7.55	8.02	8.01	8.02
3.6	0.98	0.97	0.97	7.27	7.29	7.30	7.78	7.77	7.77
3.8	1.10	1.09	1.10	6.79	6.81	6.82	7.33	7.30	7.30
4.0	1.24	1.23	1.23	6.36	6.37	6.37	6.90	6.86	6.85
4.5	1.61	1.60	1.60	5.36	5.36	5.35	5.93	5.87	5.85
5.0	2.04	2.03	2.05	4.50	4.49	4.47	5.10	5.03	4.98
6.0	3.09	3.10	3.13	3.12	3.10	3.07	3.75	3.65	3.58
7.0	4.41	4.43	4.49	2.11	2.08	2.05	2.74	2.63	2.56
8.0	5.98	6.03	6.11	1.39	1.36	1.33	2.00	1.89	1.82
9.0	7.78	7.85	7.94	0.90	0.87	0.85	1.46	1.36	1.30
10.0	9.74	9.83	9.94	0.58	0.56	0.54	1.08	1.00	0.95
10.5	10.76	10.86	10.98	0.46	0.44	0.43	0.94	0.86	0.82
10.6	10.97	11.07	11.19	0.44	0.43	0.41	0.91	0.84	0.80
10.7	11.18	11.28	11.41	0.42	0.41	0.39	0.89	0.81	0.78
10.8	11.39	11.49	11.62	0.40	0.39	0.37	0.86	0.79	0.76
10.9	11.60	11.70	11.83	0.39	0.37	0.36	0.84	0.77	0.73
11.0	11.81	11.91	12.04	0.37	0.36	0.34	0.82	0.75	0.72
11.1	12.02	12.12	12.25	0.35	0.34	0.33	0.79	0.73	0.69
11.2	12.23	12.33	12.46	0.34	0.33	0.31	0.78	0.71	0.68
11.3	12.44	12.55	12.68	0.33	0.31	0.30	0.76	0.69	0.66
11.4	12.65	12.76	12.89	0.31	0.30	0.29	0.73	0.67	0.64
11.5	12.86	12.97	13.11	0.30	0.29	0.28	0.72	0.66	0.63
11.6	13.08	13.19	13.32	0.29	0.28	0.26	0.70	0.64	0.61
11.7	13.29	13.40	13.53	0.28	0.26	0.25	0.68	0.62	0.60
11.8	13.50	13.61	13.75	0.26	0.25	0.24	0.67	0.61	0.58
11.9	13.71	13.82	13.96	0.25	0.24	0.23	0.65	0.60	0.57
12.0	13.92	14.04	14.17	0.24	0.23	0.22	0.63	0.58	0.56
13.0	16.03	16.15	16.30	0.16	0.16	0.15	0.51	0.47	0.45
14.0	18.10	18.23	18.38	0.12	0.11	0.11	0.42	0.39	0.38
15.0	20.12	20.26	20.40	0.09	0.08	0.08	0.35	0.33	0.32
16.0	22.07	22.21	22.36	0.07	0.07	0.06	0.31	0.29	0.28
17.0	23.95	24.09	24.24	0.06	0.06	0.05	0.27	0.25	0.25
18.0	25.75	25.90	26.05	0.05	0.05	0.05	0.24	0.23	0.23
20.0	29.14	29.29	29.44	0.05	0.04	0.04	0.20	0.19	0.20
30.0	42.52	42.71	42.86	0.05	0.04	0.04	0.13	0.12	0.13
40.0	51.78	51.93	52.06	0.05	0.05	0.04	0.11	0.11	0.11
50.0	58.11	58.23	58.37	0.06	0.05	0.05	0.10	0.10	0.11
60.0	62.24	62.40	62.41	0.07	0.06	0.05	0.10	0.10	0.11
70.0	64.96	65.08	64.91	0.08	0.07	0.06	0.10	0.11	0.11
80.0	66.45	66.66	66.46	0.08	0.07	0.06	0.11	0.11	0.11
90.0	67.75	67.44	67.45	0.09	0.08	0.07	0.11	0.11	0.12
100.0	68.02	68.03	68.02	0.10	0.08	0.08	0.11	0.12	0.12

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+100°C
0.3	56.22	56.58	56.56
0.5	56.32	56.50	56.66
1.0	56.40	56.71	56.81
1.2	56.49	56.71	56.96
1.4	56.57	56.93	56.97
1.5	56.69	56.89	57.16
1.6	56.49	56.90	57.16
1.8	56.76	56.98	57.25
2.0	57.00	57.28	57.53
2.1	56.97	57.27	57.41
2.2	57.01	57.28	57.57
2.3	57.04	57.37	57.69
2.4	57.09	57.43	57.80
2.5	57.10	57.39	57.78
2.6	57.25	57.53	57.86
2.7	57.21	57.59	57.90
2.8	57.38	57.70	58.07
2.9	57.41	57.69	58.04
3.0	57.48	57.85	58.18
3.1	57.46	57.83	58.20
3.2	57.52	57.89	58.30
3.3	57.54	57.94	58.28
3.4	57.52	57.99	58.35
3.5	57.53	57.97	58.35
3.6	57.58	58.01	58.48
3.7	57.62	58.02	58.40
3.8	57.62	58.07	58.49
3.9	57.62	58.08	58.54
4.0	57.62	58.05	58.45
4.1	57.61	58.06	58.49
4.2	57.58	58.05	58.54
4.3	57.59	57.99	58.46
4.4	57.55	58.02	58.42
4.5	57.63	58.10	58.54
4.6	57.57	58.00	58.37
4.7	57.53	57.97	58.36
4.8	57.41	57.92	58.37
4.9	57.41	57.84	58.33
5.0	57.27	57.75	58.19
5.1	57.20	57.71	58.11
5.2	57.16	57.62	58.04
5.3	57.04	57.54	57.90
5.4	56.98	57.46	57.84
5.5	56.78	57.29	57.62
5.6	56.78	57.24	57.62
5.7	56.65	57.04	57.41
5.8	56.56	56.95	57.27
5.9	56.38	56.75	57.05
6.0	56.22	56.56	56.95