

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
1.0	74.12	74.08	74.65	0.00	0.00	0.00	0.01	0.00	0.01
5.0	64.78	64.86	64.85	0.00	0.00	0.00	0.03	0.03	0.03
7.0	69.18	69.02	68.92	0.01	0.01	0.01	0.05	0.06	0.07
9.0	75.57	75.20	74.88	0.01	0.01	0.01	0.09	0.11	0.12
11.0	61.75	61.78	61.77	0.02	0.02	0.02	0.15	0.17	0.19
15.0	58.77	58.78	58.78	0.04	0.05	0.05	0.28	0.33	0.35
16.0	62.03	61.92	62.05	0.06	0.06	0.07	0.32	0.37	0.40
18.0	78.58	76.80	76.87	0.08	0.09	0.09	0.41	0.47	0.50
20.0	54.23	54.07	53.91	0.12	0.13	0.14	0.50	0.56	0.61
22.0	33.29	33.18	33.12	0.20	0.21	0.23	0.61	0.68	0.72
22.4	30.08	29.99	29.93	0.22	0.24	0.26	0.64	0.70	0.75
23.0	25.55	25.46	25.42	0.27	0.29	0.31	0.69	0.76	0.81
23.6	21.25	21.17	21.13	0.34	0.37	0.39	0.77	0.83	0.89
23.8	19.86	19.77	19.74	0.38	0.41	0.43	0.80	0.87	0.92
25.0	11.84	11.76	11.74	0.86	0.91	0.96	1.27	1.35	1.42
26.0	6.01	5.96	5.96	2.36	2.47	2.55	2.76	2.89	2.99
26.6	3.43	3.41	3.43	4.54	4.70	4.83	4.95	5.12	5.27
28.0	0.98	1.01	1.06	15.52	15.83	16.07	16.70	17.13	17.50
29.0	0.70	0.75	0.80	21.89	21.56	21.46	26.89	26.83	27.12
30.0	0.63	0.67	0.71	20.26	20.00	19.89	22.06	21.92	21.94
35.0	0.43	0.47	0.50	29.68	30.01	29.95	30.58	30.88	30.90
40.0	0.43	0.46	0.49	20.99	20.82	20.67	21.34	21.13	20.98
45.0	0.41	0.45	0.48	22.39	21.99	21.71	21.64	21.17	20.87
50.0	0.41	0.45	0.49	24.81	24.07	23.62	22.95	22.21	21.74
55.0	0.44	0.48	0.51	22.94	22.52	22.24	22.18	21.62	21.22
59.0	0.46	0.51	0.54	21.12	20.94	20.79	21.15	20.81	20.54
65.0	0.51	0.55	0.59	20.49	20.48	20.43	20.97	20.83	20.71
70.0	0.54	0.59	0.63	22.26	22.35	22.34	22.88	22.87	22.83
75.0	0.59	0.64	0.68	27.77	28.09	28.03	28.50	28.72	28.78
80.0	0.67	0.73	0.78	41.23	43.59	40.22	41.07	44.22	42.29
85.0	0.81	0.88	0.93	28.26	28.35	28.34	28.81	28.96	28.96
88.0	0.92	1.00	1.05	29.31	29.58	29.76	29.17	29.47	29.75
90.0	1.02	1.10	1.16	37.65	38.51	38.59	30.09	30.20	30.46
98.0	2.66	2.84	2.98	9.14	9.00	8.90	8.46	8.30	8.18
100.0	3.98	4.21	4.40	6.09	6.02	5.98	5.60	5.50	5.43
105.0	9.57	9.91	10.17	2.37	2.43	2.47	2.08	2.10	2.11
110.0	16.76	17.16	17.45	1.33	1.41	1.47	1.10	1.15	1.18
112.0	19.79	20.20	20.50	1.16	1.25	1.30	0.94	0.99	1.03
113.0	21.32	21.74	22.05	1.09	1.18	1.24	0.88	0.93	0.97
115.0	24.45	24.88	25.20	1.00	1.09	1.14	0.79	0.84	0.88
118.0	29.35	29.82	30.16	0.90	0.99	1.04	0.70	0.75	0.78
119.0	31.07	31.55	31.90	0.88	0.96	1.01	0.67	0.72	0.76
120.0	32.84	33.34	33.70	0.86	0.94	0.99	0.65	0.70	0.73
130.0	57.70	58.06	58.04	0.74	0.81	0.85	0.51	0.55	0.58
140.0	53.93	54.19	54.41	0.68	0.74	0.77	0.42	0.46	0.49
600.0	66.18	66.08	66.15	0.40	0.51	0.57	0.11	0.16	0.17
850.0	48.53	48.21	47.79	0.54	0.69	0.77	0.18	0.23	0.25
870.0	38.02	39.37	40.55	0.64	0.76	0.84	0.31	0.33	0.33
1100.0	70.01	70.56	71.01	0.74	0.92	1.04	0.18	0.24	0.27
1500.0	75.36	77.24	75.36	1.97	2.33	2.55	0.09	0.18	0.21
1750.0	76.80	76.97	76.42	6.17	5.88	5.61	0.00	0.09	0.13
2000.0	70.07	69.45	69.25	2.59	2.85	3.03	0.09	0.00	0.05
2250.0	63.68	63.24	62.78	2.28	2.63	2.88	0.14	0.04	0.00
2500.0	60.62	60.30	59.97	3.39	3.92	4.25	0.12	0.03	0.01
2750.0	58.21	57.95	57.68	5.60	5.68	5.70	0.05	0.04	0.08
3000.0	62.01	59.68	57.66	4.77	4.44	4.26	0.06	0.15	0.20
3200.0	53.38	51.67	51.15	2.56	2.66	2.75	0.15	0.25	0.31
3500.0	54.50	52.92	51.70	2.64	2.90	3.03	0.29	0.41	0.48
3750.0	52.34	50.86	50.01	2.86	2.83	2.82	0.33	0.49	0.57
4000.0	45.97	44.88	44.26	2.12	2.36	2.51	0.38	0.56	0.67

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(ns)		
	@-40°C	@+25°C	@+85°C
30.0	60.97	60.69	60.53
31.0	51.31	51.14	51.05
32.0	44.96	44.85	44.80
33.0	40.00	39.94	39.89
34.0	33.92	33.88	33.86
35.0	32.64	32.60	32.58
36.0	31.35	31.31	31.29
37.0	30.06	30.02	30.01
38.0	28.76	28.74	28.72
39.0	27.48	27.46	27.44
40.0	26.21	26.20	26.18
41.0	24.96	24.94	24.93
42.0	23.71	23.69	23.69
43.0	22.56	22.54	22.54
44.0	21.56	21.54	21.54
45.0	20.69	20.68	20.68
46.0	19.93	19.92	19.92
47.0	19.26	19.25	19.25
48.0	18.66	18.65	18.65
49.0	18.13	18.13	18.13
50.0	17.65	17.65	17.65
51.0	17.23	17.23	17.23
52.0	16.84	16.84	16.85
53.0	16.50	16.50	16.50
54.0	16.18	16.19	16.19
55.0	15.90	15.90	15.92
56.0	15.65	15.66	15.66
57.0	15.42	15.43	15.44
58.0	15.22	15.23	15.24
59.0	15.05	15.06	15.07
60.0	14.89	14.90	14.92
61.0	14.75	14.77	14.79
62.0	14.64	14.66	14.68
63.0	14.54	14.56	14.58
64.0	14.47	14.49	14.51
65.0	14.42	14.44	14.46
66.0	14.38	14.40	14.43
67.0	14.36	14.38	14.41
68.0	14.35	14.38	14.41
69.0	14.37	14.40	14.43
70.0	14.40	14.43	14.46
71.0	14.45	14.48	14.51
72.0	14.51	14.55	14.58
73.0	14.60	14.64	14.67
74.0	14.69	14.73	14.77
75.0	14.81	14.85	14.89
76.0	14.94	14.99	15.03
77.0	15.09	15.14	15.19
78.0	15.27	15.32	15.37
79.0	15.46	15.52	15.57
80.0	15.69	15.75	15.80
81.0	15.94	16.00	16.06
82.0	16.23	16.30	16.36
88.0	19.02	19.15	19.25
84.0	16.92	17.01	17.08
85.0	17.35	17.45	17.53
86.0	17.84	17.94	18.03
87.0	18.39	18.51	18.60
88.0	19.02	19.15	19.25