

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	90.02	88.85	88.68	0.15	0.20	0.23	0.15	0.20	0.23
5.0	77.46	76.11	75.89	0.18	0.23	0.26	0.18	0.23	0.26
10.0	71.99	71.57	71.33	0.22	0.27	0.30	0.22	0.26	0.29
12.0	70.77	70.39	69.79	0.23	0.28	0.30	0.23	0.28	0.31
14.0	69.78	69.20	68.74	0.25	0.30	0.32	0.24	0.29	0.32
18.0	68.10	67.49	67.50	0.27	0.32	0.34	0.27	0.31	0.34
20.0	67.68	66.80	66.64	0.28	0.33	0.35	0.28	0.32	0.35
30.0	65.66	65.06	64.95	0.32	0.37	0.39	0.32	0.36	0.38
32.0	65.29	65.01	64.65	0.33	0.37	0.39	0.32	0.36	0.39
34.0	65.12	64.77	64.45	0.33	0.38	0.39	0.32	0.37	0.39
36.0	65.03	64.79	64.30	0.33	0.38	0.39	0.33	0.37	0.39
40.0	65.05	64.49	64.23	0.34	0.38	0.39	0.33	0.37	0.39
42.0	65.02	64.97	64.50	0.34	0.38	0.39	0.33	0.37	0.39
50.0	66.62	65.99	66.00	0.33	0.37	0.38	0.32	0.36	0.38
52.0	67.41	66.79	66.90	0.33	0.36	0.38	0.32	0.36	0.38
60.0	79.78	80.46	81.36	0.31	0.35	0.37	0.31	0.35	0.37
70.0	49.43	49.31	49.15	0.31	0.36	0.38	0.31	0.36	0.38
79.5	30.75	30.47	30.26	0.42	0.49	0.53	0.43	0.50	0.54
80.0	29.66	29.37	29.15	0.43	0.51	0.55	0.44	0.52	0.56
83.5	21.39	21.04	20.77	0.66	0.78	0.85	0.68	0.81	0.89
91.0	3.12	3.31	3.39	11.11	12.20	13.06	12.02	13.42	14.61
94.0	1.94	2.19	2.33	20.66	21.23	21.25	22.28	22.66	22.40
100.0	1.58	1.81	1.94	33.07	32.15	30.75	29.86	29.44	28.90
101.0	1.57	1.80	1.93	32.85	32.86	31.72	31.22	31.26	30.72
108.0	1.71	1.98	2.13	26.38	25.21	25.29	26.72	25.84	26.17
113.0	3.24	3.77	4.11	8.96	8.57	8.27	9.10	8.73	8.45
123.5	19.49	20.03	20.37	0.98	1.06	1.10	0.97	1.06	1.10
130.0	27.42	27.84	28.12	0.67	0.74	0.76	0.66	0.73	0.77
133.0	30.45	30.83	31.08	0.60	0.66	0.68	0.59	0.65	0.69
140.0	36.47	36.78	37.00	0.49	0.54	0.56	0.48	0.54	0.56
145.0	40.15	40.41	40.63	0.44	0.49	0.50	0.43	0.48	0.51
146.0	40.83	41.09	41.29	0.43	0.48	0.50	0.42	0.48	0.50
150.0	43.44	43.69	43.90	0.40	0.45	0.46	0.39	0.44	0.46
200.0	70.47	70.25	70.46	0.21	0.25	0.26	0.21	0.25	0.27
221.0	81.64	79.69	77.80	0.17	0.22	0.23	0.18	0.22	0.23
231.0	78.32	76.54	76.36	0.16	0.20	0.21	0.16	0.20	0.22
241.0	75.52	75.03	73.98	0.15	0.19	0.20	0.15	0.19	0.20
251.0	74.34	72.96	73.44	0.14	0.18	0.19	0.14	0.18	0.19
301.0	71.77	71.87	72.01	0.10	0.13	0.14	0.10	0.14	0.15
421.0	74.59	74.90	74.53	0.05	0.09	0.10	0.05	0.09	0.10
501.0	77.29	78.01	78.15	0.04	0.08	0.09	0.03	0.07	0.08
510.0	77.18	78.06	78.58	0.04	0.08	0.09	0.03	0.07	0.08
520.0	78.04	78.23	78.78	0.04	0.08	0.09	0.03	0.07	0.08
530.0	79.63	79.20	79.29	0.04	0.08	0.09	0.03	0.07	0.08
600.0	82.12	84.83	83.39	0.03	0.08	0.09	0.02	0.06	0.07
650.0	85.01	88.59	86.99	0.04	0.08	0.10	0.01	0.06	0.07
680.0	90.11	93.18	91.88	0.04	0.09	0.10	0.01	0.06	0.07
700.0	89.44	94.11	99.46	0.04	0.09	0.11	0.01	0.06	0.08
750.0	82.55	81.22	81.62	0.05	0.10	0.12	0.01	0.06	0.08
800.0	56.21	55.30	54.58	0.06	0.12	0.15	0.03	0.08	0.10
850.0	43.20	44.72	45.92	0.12	0.17	0.19	0.06	0.11	0.12
900.0	64.43	64.80	64.89	0.08	0.14	0.17	0.03	0.09	0.11
950.0	69.19	69.12	69.50	0.09	0.15	0.18	0.03	0.09	0.12
1000.0	69.66	70.76	70.82	0.10	0.17	0.20	0.04	0.10	0.13
1100.0	68.44	68.60	68.94	0.13	0.20	0.23	0.06	0.13	0.16
1200.0	47.93	47.77	47.66	0.19	0.27	0.31	0.12	0.19	0.22
1300.0	67.16	67.38	67.16	0.20	0.27	0.31	0.12	0.19	0.22
1500.0	68.98	68.61	67.88	0.26	0.34	0.38	0.19	0.27	0.30
1800.0	63.11	62.51	62.16	0.31	0.40	0.45	0.29	0.38	0.41
2000.0	58.75	58.15	57.78	0.32	0.42	0.46	0.33	0.43	0.47

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
90.0	61.86	61.62	61.63
90.5	63.06	62.43	62.14
91.0	63.33	62.35	61.83
91.5	62.71	61.48	60.76
92.0	61.32	59.96	59.11
92.5	59.34	57.93	57.05
93.0	57.00	55.67	54.82
93.5	54.54	53.36	52.58
94.0	52.16	51.17	50.48
94.5	50.01	49.18	48.62
95.0	48.10	47.44	46.98
95.5	46.48	45.94	45.56
96.0	45.09	44.65	44.35
96.5	43.92	43.55	43.29
97.0	42.90	42.60	42.37
97.5	42.02	41.76	41.56
98.0	41.27	41.03	40.87
98.5	40.59	40.39	40.25
99.0	39.98	39.82	39.69
99.5	39.46	39.32	39.21
100.0	39.00	38.88	38.79
100.5	38.59	38.49	38.43
101.0	38.25	38.18	38.13
101.5	37.95	37.91	37.88
102.0	37.71	37.69	37.68
102.5	37.52	37.51	37.51
103.0	37.37	37.38	37.39
103.5	37.28	37.30	37.33
104.0	37.21	37.25	37.31
104.5	37.21	37.28	37.33
105.0	37.26	37.34	37.42
105.5	37.36	37.47	37.56
106.0	37.54	37.67	37.79
106.5	37.80	37.96	38.11
107.0	38.14	38.36	38.54
107.5	38.62	38.88	39.09
108.0	39.21	39.51	39.75
108.5	39.94	40.28	40.54
109.0	40.78	41.16	41.44
109.5	41.74	42.14	42.42
110.0	42.78	43.16	43.43