

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	103.18	99.98	106.27	0.01	0.01	0.00	0.00	0.01	0.00
10.0	72.62	72.54	72.59	0.01	0.02	0.02	0.01	0.01	0.01
15.0	45.91	45.80	45.68	0.05	0.06	0.06	0.04	0.05	0.05
16.0	40.56	40.45	40.32	0.07	0.08	0.08	0.06	0.06	0.07
18.0	29.16	29.01	28.85	0.16	0.17	0.19	0.13	0.15	0.16
19.0	22.86	22.71	22.52	0.26	0.29	0.31	0.22	0.25	0.27
19.5	19.51	19.35	19.15	0.36	0.39	0.43	0.32	0.35	0.38
20.0	16.00	15.83	15.63	0.53	0.58	0.64	0.47	0.52	0.57
22.0	2.95	2.91	2.89	6.14	6.50	6.98	5.82	6.14	6.56
23.0	1.09	1.13	1.21	18.46	19.11	20.13	17.15	17.68	18.37
24.0	0.80	0.85	0.92	26.82	26.81	27.01	30.78	31.84	33.32
25.0	0.73	0.77	0.84	22.73	22.69	22.79	24.61	24.53	24.66
26.0	0.72	0.76	0.82	18.29	18.45	18.72	18.55	18.67	18.90
27.0	0.70	0.74	0.80	17.34	17.69	18.18	17.28	17.59	18.02
29.0	0.60	0.64	0.71	27.16	29.35	32.79	26.22	27.99	30.66
30.0	0.61	0.65	0.73	30.90	28.27	26.03	32.22	29.58	27.20
35.0	0.81	0.88	0.99	24.45	24.19	23.77	24.13	23.90	23.37
39.0	3.08	3.37	3.75	5.95	5.69	5.47	6.17	5.94	5.76
40.0	5.85	6.22	6.67	2.85	2.76	2.71	2.99	2.92	2.90
41.0	9.43	9.82	10.26	1.46	1.45	1.47	1.55	1.55	1.59
42.0	13.14	13.51	13.92	0.86	0.88	0.91	0.92	0.94	1.00
44.0	19.93	20.24	20.59	0.45	0.46	0.49	0.47	0.50	0.54
46.0	25.69	25.97	26.27	0.31	0.32	0.35	0.32	0.34	0.37
48.0	30.64	30.89	31.17	0.24	0.25	0.27	0.24	0.26	0.29
50.0	34.97	35.19	35.45	0.20	0.21	0.23	0.20	0.22	0.24
60.0	50.90	51.07	51.28	0.12	0.13	0.14	0.12	0.13	0.14
70.0	61.47	61.72	61.89	0.09	0.10	0.11	0.10	0.11	0.12
80.0	69.16	69.33	69.49	0.08	0.09	0.09	0.09	0.10	0.11
90.0	74.79	74.42	75.24	0.07	0.08	0.09	0.09	0.10	0.11
100.0	78.94	79.23	78.58	0.07	0.08	0.09	0.08	0.09	0.10
150.0	85.96	87.55	87.95	0.06	0.07	0.09	0.07	0.08	0.09
200.0	88.82	93.07	91.73	0.05	0.08	0.09	0.07	0.09	0.10
250.0	91.74	92.15	98.41	0.05	0.08	0.10	0.07	0.09	0.11
300.0	89.40	101.87	91.39	0.05	0.09	0.11	0.07	0.09	0.11
350.0	92.29	90.63	91.29	0.06	0.09	0.12	0.07	0.10	0.12
400.0	89.21	86.70	86.60	0.06	0.10	0.13	0.08	0.11	0.13
450.0	85.39	83.37	82.48	0.06	0.11	0.14	0.08	0.12	0.15
500.0	81.53	79.30	79.52	0.07	0.12	0.15	0.08	0.12	0.15
550.0	77.41	77.02	76.10	0.07	0.13	0.16	0.09	0.14	0.17
600.0	74.50	74.38	73.22	0.08	0.14	0.18	0.10	0.15	0.18
650.0	71.74	71.17	71.15	0.09	0.16	0.20	0.10	0.16	0.20
700.0	69.09	68.85	68.15	0.10	0.17	0.22	0.11	0.17	0.21
750.0	66.36	66.36	66.71	0.11	0.19	0.24	0.12	0.18	0.23
800.0	65.40	66.26	66.97	0.12	0.20	0.26	0.13	0.20	0.26
850.0	67.63	67.21	66.33	0.12	0.21	0.27	0.14	0.22	0.28
900.0	66.58	65.48	64.26	0.14	0.24	0.31	0.17	0.25	0.31
950.0	64.63	62.89	61.51	0.16	0.27	0.33	0.19	0.28	0.35
1000.0	61.23	59.80	59.05	0.20	0.30	0.38	0.22	0.32	0.40
1050.0	58.32	57.58	57.14	0.23	0.34	0.42	0.26	0.37	0.46
1100.0	56.50	55.95	55.58	0.27	0.40	0.48	0.31	0.44	0.55
1150.0	55.06	54.60	54.14	0.33	0.47	0.58	0.40	0.55	0.68
1200.0	53.74	53.12	52.55	0.44	0.60	0.73	0.53	0.71	0.87
1250.0	51.88	51.11	50.54	0.61	0.81	0.95	0.75	0.96	1.15
1300.0	49.29	48.67	48.36	0.89	1.09	1.22	1.07	1.29	1.46
1350.0	46.78	46.77	46.99	1.19	1.34	1.42	1.43	1.61	1.75
1400.0	45.91	46.34	46.66	1.32	1.42	1.51	1.65	1.82	2.00
1450.0	46.19	46.42	46.58	1.30	1.45	1.59	1.83	2.09	2.33
1500.0	46.22	46.29	46.36	1.35	1.58	1.78	2.16	2.53	2.84
1550.0	45.90	46.03	46.15	1.57	1.88	2.13	2.75	3.20	3.51
1600.0	45.69	46.04	46.37	1.99	2.38	2.68	3.57	3.99	4.19

Typical Performance Data

FREQ.	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
(MHz)			
15.00	17.94	18.17	18.11
15.50	19.53	20.04	20.03
16.00	21.69	21.90	21.96
16.50	24.07	24.43	24.64
17.00	27.11	27.54	27.68
17.50	30.88	31.43	31.86
18.00	35.94	36.70	37.05
18.50	42.65	43.62	43.99
19.00	51.86	53.06	53.57
19.50	64.10	65.66	66.20
20.00	78.83	80.46	80.96
20.50	93.39	94.77	95.12
21.00	105.40	106.44	106.64
21.50	114.48	115.23	115.31
22.00	120.94	121.45	121.41
22.50	125.02	125.24	125.10
23.00	126.35	126.25	125.99
23.50	124.34	123.85	123.47
24.00	118.40	117.53	117.06
24.50	109.22	108.21	107.76
25.00	99.44	98.61	98.29
25.50	91.39	90.82	90.64
26.00	85.39	85.03	84.92
26.50	80.88	80.65	80.62
27.00	77.34	77.21	77.22
27.50	74.54	74.47	74.50
28.00	72.25	72.24	72.29
28.50	70.41	70.44	70.49
29.00	68.90	68.96	69.01
29.50	67.67	67.73	67.79
30.00	66.63	66.70	66.73
30.50	65.76	65.83	65.87
31.00	65.05	65.12	65.15
31.50	64.52	64.62	64.64
32.00	64.19	64.32	64.36
32.50	64.12	64.28	64.35
33.00	64.30	64.52	64.60
33.50	64.79	65.07	65.18
34.00	65.60	65.97	66.12
34.50	66.83	67.29	67.48
35.00	68.50	69.08	69.31
35.50	70.71	71.39	71.66
36.00	73.48	74.24	74.50
36.50	76.70	77.47	77.65
37.00	79.99	80.66	80.71
37.50	82.85	83.27	83.14
38.00	84.72	84.81	84.48
38.50	85.25	84.99	84.45
39.00	84.30	83.67	82.98
39.50	81.83	80.86	80.04
40.00	77.95	76.67	75.73