

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	111.73	98.56	108.80	0.00	0.00	0.00	0.00	0.00	0.00
2.0	115.05	106.83	100.53	0.00	0.00	0.00	0.00	0.00	0.00
3.0	100.74	97.85	103.91	0.00	0.00	0.00	0.00	0.00	0.00
4.0	101.78	99.90	99.19	0.00	0.00	0.00	0.00	0.00	0.00
5.0	100.48	95.11	99.86	0.00	0.00	0.00	0.00	0.00	0.00
6.0	106.84	104.88	100.00	0.00	0.00	0.00	0.00	0.00	0.00
7.0	99.59	104.10	98.91	0.00	0.00	0.00	0.00	0.00	0.00
8.0	97.67	102.18	101.99	0.00	0.01	0.00	0.00	0.01	0.00
9.0	106.10	106.41	101.13	0.00	0.01	0.01	0.00	0.01	0.01
10.0	91.07	94.79	94.80	0.01	0.01	0.01	0.01	0.01	0.01
11.0	83.99	83.68	84.94	0.01	0.01	0.01	0.01	0.01	0.01
12.0	76.73	76.20	76.32	0.01	0.01	0.01	0.01	0.01	0.01
13.0	70.12	69.73	69.72	0.02	0.02	0.02	0.02	0.02	0.02
14.0	63.95	63.60	63.52	0.02	0.02	0.02	0.02	0.02	0.02
15.0	57.69	57.55	57.47	0.03	0.03	0.03	0.03	0.03	0.03
15.5	54.71	54.55	54.51	0.04	0.04	0.04	0.03	0.04	0.04
16.0	51.67	51.51	51.45	0.04	0.05	0.05	0.04	0.05	0.05
16.5	48.62	48.46	48.36	0.05	0.05	0.05	0.05	0.06	0.06
17.0	45.52	45.33	45.25	0.06	0.07	0.07	0.06	0.07	0.07
17.5	42.33	42.15	42.05	0.08	0.08	0.08	0.07	0.08	0.09
18.0	39.06	38.87	38.78	0.09	0.10	0.10	0.09	0.10	0.11
18.5	35.69	35.47	35.37	0.12	0.12	0.12	0.12	0.13	0.14
19.0	32.15	31.92	31.82	0.15	0.15	0.16	0.15	0.16	0.18
20.0	24.51	24.25	24.13	0.26	0.28	0.29	0.28	0.30	0.32
21.0	15.86	15.56	15.44	0.62	0.66	0.69	0.67	0.73	0.77
22.0	6.61	6.39	6.33	2.64	2.83	2.97	2.86	3.07	3.23
23.0	1.68	1.68	1.73	13.75	14.36	14.71	15.53	16.17	16.57
24.0	1.08	1.10	1.15	29.34	30.24	30.74	27.31	28.04	28.74
24.4	1.01	1.03	1.08	39.25	35.36	32.71	28.25	29.14	29.82
24.8	0.97	0.99	1.04	28.98	28.32	27.14	26.79	27.73	28.08
25.0	0.96	0.98	1.02	25.47	25.45	24.79	24.94	25.89	26.17
26.0	0.93	0.94	0.98	19.28	20.15	20.20	19.92	21.26	21.70
26.8	0.90	0.90	0.94	19.90	21.29	21.54	20.87	23.02	23.78
27.0	0.89	0.90	0.93	20.54	22.07	22.36	21.66	24.17	25.08
27.5	0.88	0.89	0.92	22.86	24.64	24.95	24.78	28.85	30.56
27.8	0.87	0.89	0.93	24.53	26.12	26.34	27.53	33.61	36.96
28.0	0.88	0.89	0.93	25.60	26.80	26.91	29.79	38.15	45.96
28.4	0.89	0.91	0.95	27.04	27.02	26.96	35.06	40.16	39.93
28.8	0.91	0.93	0.97	27.24	26.44	26.38	37.98	35.55	35.15
29.0	0.92	0.94	0.99	27.10	26.21	26.17	37.89	34.89	34.79
29.4	0.95	0.98	1.02	26.75	25.96	25.96	37.39	35.92	37.05
29.8	0.98	1.01	1.06	26.41	25.84	25.82	35.84	37.85	41.90
30.0	1.00	1.03	1.08	26.18	25.71	25.63	34.16	36.40	38.74
30.4	1.05	1.08	1.13	25.72	25.33	25.15	30.29	31.15	31.35
30.5	1.06	1.10	1.15	25.65	25.27	25.06	29.47	30.07	30.10
30.8	1.11	1.14	1.20	25.66	25.28	25.03	27.34	27.40	27.19
31.0	1.14	1.18	1.24	26.01	25.61	25.36	26.17	25.98	25.69
32.0	1.49	1.57	1.65	21.23	20.22	20.03	17.56	16.77	16.42
33.0	3.12	3.36	3.52	7.76	7.31	7.21	7.04	6.59	6.45
34.0	7.67	8.10	8.32	2.60	2.46	2.45	2.36	2.22	2.20
35.0	13.53	13.99	14.19	1.13	1.09	1.10	1.01	0.97	0.98
39.0	31.83	32.17	32.30	0.29	0.29	0.30	0.27	0.27	0.27
40.0	35.16	35.48	35.60	0.25	0.25	0.25	0.23	0.23	0.23
45.0	47.60	47.85	47.83	0.15	0.15	0.15	0.14	0.14	0.14
50.0	55.36	55.52	55.60	0.11	0.12	0.12	0.10	0.11	0.11
100.0	73.02	72.89	72.75	0.07	0.08	0.08	0.04	0.07	0.08
200.0	79.29	78.86	78.75	0.07	0.09	0.09	0.04	0.08	0.09
300.0	82.25	81.64	82.20	0.07	0.10	0.12	0.05	0.10	0.11
400.0	82.36	82.37	82.19	0.08	0.12	0.14	0.05	0.12	0.14
500.0	79.36	80.89	80.33	0.10	0.15	0.17	0.06	0.14	0.17
600.0	75.06	74.02	73.73	0.13	0.19	0.22	0.08	0.18	0.21
700.0	65.63	67.67	68.82	0.18	0.26	0.29	0.11	0.22	0.27
800.0	67.84	68.18	68.37	0.24	0.35	0.41	0.18	0.32	0.39
900.0	61.38	60.37	59.41	0.49	0.70	0.84	0.40	0.63	0.76



Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
24.0	148.84	147.76	147.11
24.5	133.90	133.23	132.84
25.0	123.89	123.49	123.19
25.5	116.54	116.37	116.20
25.6	115.34	115.18	115.04
25.7	114.19	114.13	113.96
25.8	113.12	113.09	112.97
25.9	112.12	112.13	112.05
26.0	111.23	111.27	111.19
26.1	110.36	110.48	110.40
26.2	109.57	109.71	109.66
26.3	108.86	109.01	108.99
26.4	108.17	108.38	108.37
26.5	107.57	107.80	107.78
26.6	107.01	107.25	107.25
26.7	106.53	106.76	106.77
26.8	106.06	106.31	106.34
26.9	105.63	105.91	105.93
27.0	105.20	105.51	105.54
27.1	104.88	105.16	105.20
27.2	104.54	104.83	104.86
27.3	104.23	104.50	104.56
27.4	103.98	104.22	104.27
27.5	103.73	103.98	104.01
27.6	103.49	103.71	103.75
27.7	103.26	103.49	103.51
27.8	103.10	103.31	103.35
27.9	102.92	103.13	103.17
28.0	102.76	102.98	103.01
28.1	102.63	102.82	102.86
28.2	102.54	102.73	102.77
28.3	102.46	102.63	102.67
28.4	102.39	102.58	102.61
28.5	102.35	102.53	102.58
28.6	102.35	102.56	102.58
28.7	102.33	102.56	102.61
28.8	102.37	102.60	102.68
28.9	102.42	102.68	102.76
29.0	102.57	102.83	102.91
29.1	102.67	102.96	103.04
29.2	102.87	103.17	103.29
29.3	103.04	103.37	103.48
29.4	103.29	103.67	103.78
29.5	103.56	103.96	104.07
29.6	103.87	104.32	104.45
29.7	104.22	104.69	104.85
29.8	104.62	105.13	105.28
29.9	105.08	105.59	105.76
30.0	105.58	106.13	106.33
30.1	106.12	106.72	106.91
30.2	106.74	107.38	107.58
30.3	107.38	108.05	108.29
30.4	108.12	108.85	109.09
30.5	108.87	109.64	109.92
30.6	109.78	110.59	110.88
30.7	110.69	111.56	111.86
30.8	111.71	112.68	112.99
30.9	112.85	113.85	114.17
31.0	114.06	115.14	115.51