

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
0.5	0.02	0.03	0.03	49.71	47.80	45.88	50.35	48.15	46.31
1.0	0.02	0.03	0.03	48.47	47.24	45.58	49.05	47.57	46.10
10.0	0.01	0.03	0.02	33.89	34.73	35.72	33.78	34.78	36.17
50.0	0.11	0.13	0.14	21.24	21.13	20.93	21.17	21.23	21.24
75.0	0.16	0.20	0.22	19.06	18.45	17.76	19.20	18.60	17.88
100.0	0.21	0.25	0.29	17.88	17.32	16.64	18.26	17.57	16.70
150.0	0.26	0.31	0.35	19.31	18.97	18.68	20.22	19.90	19.51
200.0	0.31	0.38	0.43	23.00	22.72	22.39	26.13	26.55	26.96
225.0	0.44	0.53	0.59	18.94	18.35	18.05	19.55	19.10	18.91
250.0	0.58	0.71	0.81	17.14	16.16	15.37	17.27	16.33	15.57
275.0	0.77	0.92	1.05	19.48	18.54	17.55	20.53	19.64	18.60
276.0	0.78	0.93	1.06	19.66	18.73	17.74	20.91	20.04	18.99
277.0	0.78	0.94	1.08	19.85	18.96	17.95	21.32	20.46	19.41
278.0	0.80	0.96	1.09	20.03	19.13	18.13	21.76	20.94	19.87
279.0	0.81	0.98	1.11	20.20	19.32	18.34	22.23	21.46	20.38
280.0	0.83	0.99	1.14	20.33	19.49	18.52	22.76	22.02	20.94
281.0	0.84	1.01	1.15	20.47	19.66	18.69	23.29	22.63	21.57
282.0	0.86	1.04	1.18	20.56	19.78	18.83	23.84	23.28	22.23
283.0	0.88	1.06	1.20	20.62	19.86	18.96	24.42	23.94	22.93
284.0	0.90	1.08	1.23	20.65	19.90	19.03	24.94	24.61	23.67
285.0	0.92	1.10	1.25	20.62	19.91	19.07	25.44	25.25	24.42
286.0	0.94	1.12	1.28	20.53	19.87	19.04	25.79	25.82	25.13
287.0	0.96	1.15	1.30	20.40	19.76	18.98	26.00	26.19	25.72
288.0	1.00	1.18	1.35	20.19	19.60	18.84	25.93	26.29	26.00
289.0	1.02	1.21	1.38	19.96	19.39	18.67	25.65	26.06	26.02
290.0	1.05	1.25	1.41	19.69	19.12	18.44	25.12	25.53	25.67
291.0	1.08	1.29	1.45	19.35	18.79	18.18	24.39	24.76	24.92
292.0	1.11	1.32	1.50	18.99	18.46	17.88	23.54	23.81	23.99
293.0	1.15	1.36	1.54	18.58	18.10	17.54	22.65	22.82	22.93
294.0	1.19	1.40	1.59	18.18	17.72	17.19	21.72	21.80	21.86
295.0	1.23	1.45	1.64	17.75	17.30	16.83	20.78	20.80	20.80
296.0	1.27	1.50	1.70	17.32	16.91	16.44	19.87	19.81	19.77
297.0	1.31	1.55	1.76	16.89	16.49	16.07	18.99	18.86	18.77
298.0	1.36	1.61	1.82	16.45	16.08	15.68	18.12	17.97	17.84
299.0	1.42	1.67	1.89	16.02	15.69	15.31	17.30	17.12	16.95
300.0	1.47	1.74	1.97	15.59	15.30	14.96	16.49	16.29	16.10
301.0	1.54	1.82	2.06	15.16	14.91	14.59	15.71	15.50	15.30
310.0	2.58	2.97	3.33	11.48	11.67	11.75	9.51	9.38	9.16
320.0	6.00	6.58	7.16	6.78	7.27	7.64	4.14	4.22	4.19
330.0	13.41	14.11	14.86	3.31	3.67	3.94	1.58	1.75	1.84
340.0	23.61	24.40	25.25	1.86	2.10	2.27	0.84	1.00	1.09
350.0	36.25	37.12	38.13	1.24	1.40	1.51	0.59	0.72	0.81
400.0	37.20	37.38	37.63	0.41	0.49	0.54	0.25	0.34	0.39
500.0	42.35	42.63	42.92	0.23	0.28	0.31	0.15	0.23	0.27
600.0	54.04	53.79	53.92	0.20	0.24	0.27	0.13	0.20	0.24
700.0	47.20	47.22	47.31	0.19	0.23	0.26	0.11	0.19	0.23
800.0	51.02	50.90	51.04	0.19	0.23	0.26	0.12	0.20	0.23
810.0	52.21	52.55	52.57	0.20	0.24	0.27	0.12	0.19	0.24
820.0	53.73	53.86	53.95	0.19	0.23	0.26	0.11	0.20	0.23
830.0	55.03	55.49	55.78	0.18	0.22	0.26	0.11	0.19	0.23
840.0	56.48	56.84	57.07	0.19	0.22	0.26	0.11	0.19	0.23
850.0	59.38	59.33	59.39	0.19	0.23	0.27	0.10	0.18	0.22
860.0	62.38	62.86	63.70	0.19	0.23	0.27	0.11	0.19	0.23
900.0	60.13	59.13	59.49	0.18	0.22	0.27	0.10	0.19	0.23
950.0	49.30	49.01	48.87	0.18	0.23	0.27	0.10	0.20	0.23
1000.0	44.39	44.35	44.16	0.18	0.23	0.27	0.10	0.19	0.24
1050.0	41.08	41.08	40.95	0.18	0.23	0.28	0.10	0.20	0.24
1100.0	38.80	38.78	38.65	0.18	0.23	0.28	0.09	0.19	0.24
1150.0	37.02	36.99	36.93	0.19	0.24	0.30	0.09	0.20	0.25
1200.0	35.50	35.50	35.29	0.18	0.25	0.30	0.08	0.19	0.25
1250.0	34.08	34.13	33.96	0.19	0.26	0.32	0.08	0.20	0.26
1300.0	32.82	32.79	32.63	0.19	0.27	0.33	0.08	0.20	0.26
1350.0	31.61	31.58	31.45	0.20	0.28	0.35	0.08	0.21	0.26
1400.0	30.69	30.64	30.55	0.20	0.29	0.36	0.06	0.20	0.27
1450.0	30.54	30.49	30.41	0.22	0.32	0.40	0.08	0.22	0.31
1500.0	27.23	27.27	27.28	0.21	0.31	0.40	0.07	0.21	0.29
1550.0	26.77	26.78	26.80	0.21	0.31	0.41	0.05	0.20	0.28
1600.0	26.08	26.06	26.06	0.22	0.34	0.44	0.05	0.21	0.29



Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
0.5	1.56	1.67	1.71
1.0	1.59	1.67	1.71
5.0	1.67	1.69	1.66
10.0	1.69	1.68	1.68
15.0	1.65	1.66	1.67
20.0	1.68	1.67	1.67
25.0	1.68	1.66	1.66
30.0	1.66	1.66	1.65
35.0	1.65	1.65	1.64
40.0	1.66	1.64	1.65
45.0	1.66	1.67	1.67
50.0	1.66	1.64	1.65
55.0	1.66	1.66	1.64
60.0	1.68	1.68	1.66
65.0	1.68	1.68	1.68
70.0	1.69	1.70	1.69
75.0	1.71	1.69	1.69
80.0	1.70	1.70	1.69
85.0	1.72	1.71	1.69
90.0	1.73	1.70	1.69
95.0	1.74	1.72	1.71
100.0	1.75	1.74	1.72
150.0	2.01	1.99	1.99
200.0	2.53	2.54	2.53
220.0	2.82	2.82	2.83
240.0	3.33	3.32	3.33
260.0	4.02	4.02	4.02
261.0	4.07	4.07	4.07
262.0	4.13	4.13	4.13
263.0	4.19	4.19	4.19
264.0	4.26	4.26	4.27
265.0	4.31	4.31	4.32
266.0	4.37	4.37	4.39
267.0	4.44	4.44	4.45
268.0	4.52	4.52	4.53
269.0	4.58	4.59	4.61
270.0	4.66	4.67	4.69
271.0	4.73	4.75	4.77
272.0	4.81	4.84	4.87
273.0	4.89	4.93	4.95
274.0	4.98	5.00	5.05
275.0	5.05	5.10	5.13
276.0	5.14	5.17	5.19
277.0	5.24	5.27	5.32
278.0	5.31	5.36	5.40
279.0	5.42	5.45	5.49
280.0	5.52	5.54	5.59
281.0	5.62	5.65	5.71
282.0	5.71	5.75	5.81
283.0	5.82	5.87	5.92
284.0	5.92	5.97	6.03
285.0	6.03	6.08	6.17
286.0	6.15	6.20	6.29
287.0	6.31	6.35	6.42
288.0	6.41	6.46	6.53
289.0	6.56	6.62	6.70
290.0	6.70	6.77	6.85