

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
0.3	77.84	78.59	79.03	0.04	0.04	0.04	0.06	0.05	0.06
5.0	55.38	55.47	55.43	0.04	0.03	0.04	0.04	0.04	0.04
15.0	46.09	46.11	46.12	0.03	0.04	0.04	0.04	0.04	0.04
20.0	43.80	43.83	43.82	0.04	0.04	0.05	0.04	0.04	0.05
25.0	42.17	42.17	42.15	0.05	0.05	0.06	0.04	0.04	0.05
30.0	40.94	40.93	40.93	0.05	0.06	0.07	0.05	0.05	0.06
40.0	39.39	39.38	39.36	0.08	0.10	0.11	0.06	0.07	0.08
50.0	38.81	38.79	38.77	0.12	0.14	0.15	0.08	0.09	0.11
70.0	40.28	40.32	40.35	0.20	0.24	0.27	0.14	0.17	0.19
80.0	42.86	42.96	43.01	0.25	0.30	0.32	0.18	0.22	0.24
100.0	69.30	69.41	69.31	0.33	0.39	0.42	0.29	0.35	0.39
106.0	54.17	54.10	54.09	0.36	0.41	0.44	0.34	0.40	0.44
128.0	44.04	44.28	44.54	0.41	0.47	0.50	0.52	0.60	0.66
144.0	56.30	56.71	56.96	0.44	0.51	0.56	0.69	0.80	0.87
149.0	51.12	50.16	49.34	0.45	0.53	0.58	0.76	0.87	0.94
163.0	38.07	38.05	38.03	0.53	0.63	0.71	0.97	1.12	1.22
170.0	44.37	44.78	45.20	0.61	0.74	0.84	1.12	1.29	1.41
175.0	33.41	32.46	31.46	0.73	0.88	1.00	1.27	1.47	1.62
176.0	30.36	29.58	28.71	0.76	0.92	1.05	1.30	1.52	1.67
180.0	21.08	20.58	20.00	0.97	1.17	1.33	1.52	1.78	1.98
181.0	19.15	18.70	18.16	1.05	1.26	1.43	1.60	1.88	2.10
185.0	12.35	12.07	11.69	1.64	1.93	2.18	2.19	2.57	2.90
190.0	5.86	5.83	5.69	3.89	4.34	4.77	4.40	5.02	5.61
191.0	4.91	4.93	4.85	4.72	5.20	5.66	5.23	5.89	6.55
193.0	3.42	3.53	3.53	6.91	7.41	7.92	7.39	8.16	8.95
195.0	2.44	2.60	2.66	9.85	10.33	10.83	10.30	11.18	12.13
200.0	1.38	1.56	1.67	21.66	21.52	21.34	21.86	23.73	25.84
230.0	0.77	0.88	0.96	21.75	22.36	22.32	20.63	21.27	21.53
300.0	0.65	0.77	0.85	21.87	22.23	22.00	22.70	22.83	22.31
370.0	0.92	1.10	1.22	26.34	25.81	24.90	23.89	23.23	22.79
380.0	1.07	1.27	1.41	34.61	33.99	31.66	27.96	25.97	25.42
400.0	3.18	3.60	3.98	7.79	7.92	7.83	6.58	6.44	6.20
410.0	8.14	8.81	9.47	3.87	4.21	4.43	2.51	2.59	2.58
415.0	12.73	13.56	14.42	2.90	3.24	3.47	1.62	1.76	1.81
420.0	19.16	20.14	21.25	2.26	2.55	2.74	1.22	1.38	1.47
421.0	20.72	21.73	22.89	2.16	2.44	2.61	1.17	1.34	1.43
426.0	30.52	31.66	33.17	1.73	1.96	2.09	1.05	1.22	1.32
430.0	41.05	41.17	41.26	1.47	1.67	1.77	1.01	1.18	1.28
440.0	36.94	37.47	37.82	1.04	1.20	1.27	0.97	1.15	1.25
450.0	42.41	43.23	43.92	0.81	0.94	1.00	0.97	1.15	1.26
500.0	38.34	38.64	38.90	0.44	0.52	0.56	1.03	1.21	1.35
600.0	72.96	71.72	69.50	0.25	0.32	0.35	1.01	1.18	1.32
750.0	42.76	42.89	42.95	0.14	0.20	0.24	0.87	1.04	1.14
800.0	43.06	43.21	43.27	0.12	0.18	0.22	0.90	1.07	1.18
900.0	44.89	45.01	45.07	0.10	0.15	0.19	1.04	1.26	1.45
1000.0	46.93	47.06	47.19	0.07	0.14	0.18	1.46	1.81	2.13
1250.0	57.88	58.30	58.52	0.05	0.13	0.18	2.01	2.33	2.63
1500.0	73.94	74.12	74.62	0.06	0.15	0.19	0.94	1.06	1.16
1550.0	69.12	68.12	67.15	0.06	0.15	0.19	0.76	0.88	0.99
1600.0	55.84	57.51	58.56	0.07	0.16	0.21	0.67	0.78	0.88
1700.0	65.11	67.24	68.78	0.08	0.17	0.22	0.52	0.64	0.74
1750.0	68.74	69.95	70.89	0.10	0.19	0.24	0.47	0.60	0.70
1800.0	62.03	64.45	66.88	0.37	0.40	0.38	0.44	0.57	0.67
1850.0	78.46	77.73	80.77	0.11	0.21	0.24	0.41	0.55	0.65
1900.0	80.17	82.33	81.12	0.11	0.22	0.25	0.39	0.53	0.63
2000.0	79.00	78.14	78.80	0.23	0.35	0.41	0.37	0.50	0.60
2250.0	82.98	83.14	84.25	0.16	0.26	0.29	0.37	0.49	0.58
2500.0	70.69	71.01	69.38	0.15	0.25	0.27	0.39	0.48	0.57
2750.0	65.87	66.31	65.37	0.17	0.26	0.27	0.38	0.47	0.55
3000.0	61.86	62.75	61.09	0.17	0.27	0.28	0.38	0.46	0.53

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
230.0	7.32	7.29	7.26
231.0	7.22	7.19	7.16
232.0	7.12	7.09	7.06
233.0	7.02	7.00	6.98
234.0	6.94	6.92	6.90
235.0	6.85	6.83	6.81
236.0	6.77	6.75	6.74
237.0	6.69	6.67	6.66
238.0	6.62	6.60	6.59
239.0	6.53	6.52	6.51
240.0	6.44	6.43	6.42
241.0	6.39	6.38	6.37
242.0	6.34	6.33	6.32
243.0	6.29	6.28	6.27
244.0	6.24	6.23	6.22
245.0	6.18	6.17	6.16
246.0	6.13	6.12	6.12
247.0	6.07	6.07	6.06
248.0	6.02	6.02	6.01
249.0	5.98	5.97	5.97
250.0	5.93	5.92	5.91
255.0	5.72	5.71	5.71
260.0	5.55	5.54	5.54
265.0	5.41	5.40	5.40
270.0	5.29	5.28	5.27
275.0	5.19	5.18	5.18
280.0	5.11	5.10	5.10
285.0	5.04	5.03	5.03
290.0	4.99	4.99	4.99
295.0	4.96	4.96	4.96
300.0	4.95	4.96	4.96
305.0	4.96	4.97	4.98
310.0	4.99	5.01	5.02
315.0	5.04	5.06	5.08
320.0	5.11	5.13	5.15
325.0	5.19	5.21	5.23
330.0	5.29	5.31	5.34
335.0	5.41	5.43	5.46
340.0	5.55	5.57	5.60
345.0	5.71	5.74	5.76
350.0	5.92	5.94	5.97
352.0	6.01	6.03	6.06
353.0	6.06	6.08	6.11
354.0	6.11	6.14	6.17
355.0	6.16	6.19	6.22
356.0	6.22	6.24	6.28
357.0	6.27	6.30	6.34
358.0	6.32	6.35	6.39
359.0	6.37	6.41	6.44
360.0	6.42	6.45	6.50
361.0	6.52	6.55	6.60
362.0	6.61	6.64	6.69
363.0	6.68	6.72	6.77
364.0	6.76	6.80	6.86
365.0	6.85	6.89	6.96
366.0	6.94	6.99	7.05
367.0	7.03	7.09	7.15
368.0	7.13	7.19	7.26
369.0	7.24	7.30	7.38
370.0	7.35	7.41	7.49