

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	0.04	0.05	0.06	46.87	44.13	42.66	46.95	44.25	42.72
1	0.04	0.06	0.07	46.69	44.01	42.56	46.76	44.08	42.59
10	0.05	0.08	0.08	40.29	38.51	37.65	40.53	38.71	37.79
50	0.12	0.14	0.16	31.06	30.03	29.38	31.49	30.37	29.72
100	0.18	0.22	0.23	28.84	30.56	31.23	29.43	31.46	32.55
120	0.20	0.24	0.26	30.30	33.41	34.60	31.04	35.29	37.87
140	0.21	0.26	0.29	34.34	36.79	34.66	35.67	40.65	37.11
160	0.24	0.30	0.32	39.50	33.91	30.71	42.54	35.05	31.30
180	0.27	0.33	0.37	32.24	30.08	28.21	32.54	30.39	28.41
200	0.30	0.37	0.41	27.73	28.23	27.61	27.80	28.38	27.68
220	0.33	0.40	0.45	25.98	28.38	29.25	26.06	28.55	29.35
240	0.37	0.45	0.50	26.88	31.77	36.01	27.04	32.09	36.72
280	0.46	0.57	0.64	36.78	30.20	26.56	36.34	30.17	26.58
300	0.55	0.67	0.75	26.81	25.55	23.76	27.16	25.85	24.04
320	0.65	0.79	0.88	26.80	27.50	26.76	29.51	31.48	30.64
340	0.88	1.09	1.22	19.76	18.30	17.36	21.54	19.51	18.43
342	0.93	1.15	1.29	18.27	16.93	16.05	19.59	17.90	16.90
344	0.99	1.23	1.38	16.83	15.64	14.81	17.86	16.41	15.50
346	1.05	1.31	1.47	15.49	14.44	13.66	16.33	15.06	14.22
348	1.14	1.40	1.58	14.24	13.30	12.58	14.92	13.81	13.04
350	1.23	1.51	1.70	13.07	12.22	11.56	13.62	12.66	11.95
360	2.01	2.37	2.64	8.18	7.78	7.37	8.45	8.01	7.57
365	2.61	3.01	3.32	6.36	6.11	5.81	6.57	6.29	5.97
370	3.40	3.83	4.17	4.88	4.76	4.55	5.06	4.91	4.68
375	4.36	4.80	5.17	3.73	3.70	3.57	3.88	3.82	3.68
380	5.49	5.92	6.31	2.85	2.88	2.81	2.98	2.99	2.90
390	8.09	8.51	8.88	1.70	1.81	1.80	1.81	1.89	1.88
400	10.94	11.31	11.64	1.08	1.20	1.23	1.17	1.27	1.29
410	13.84	14.16	14.45	0.74	0.86	0.91	0.81	0.91	0.96
420	16.67	16.96	17.22	0.55	0.66	0.71	0.61	0.71	0.76
430	19.42	19.68	19.92	0.42	0.53	0.59	0.47	0.58	0.63
440	22.09	22.34	22.57	0.35	0.45	0.50	0.39	0.49	0.54
450	24.73	25.00	25.17	0.29	0.38	0.44	0.33	0.42	0.47
460	27.36	27.60	27.78	0.25	0.34	0.39	0.29	0.38	0.43
470	29.92	30.18	30.33	0.21	0.30	0.35	0.24	0.33	0.38
475	31.18	31.42	31.59	0.20	0.29	0.34	0.23	0.31	0.36
480	32.42	32.68	32.83	0.19	0.28	0.33	0.21	0.30	0.35
485	33.68	33.91	34.06	0.18	0.26	0.32	0.21	0.28	0.34
490	34.88	35.14	35.29	0.17	0.25	0.31	0.19	0.27	0.32
495	36.10	36.34	36.49	0.17	0.25	0.30	0.18	0.27	0.32
500	37.31	37.56	37.70	0.16	0.24	0.29	0.17	0.26	0.31
550	49.30	49.59	49.89	0.07	0.16	0.21	0.10	0.18	0.22
600	61.59	61.86	62.44	0.05	0.13	0.18	0.05	0.13	0.18
650	73.70	73.02	72.29	0.03	0.12	0.17	0.03	0.12	0.17
700	80.99	81.53	79.66	0.02	0.12	0.17	0.02	0.10	0.15
750	79.15	77.15	80.64	0.02	0.12	0.17	0.02	0.10	0.16
800	75.83	77.90	76.32	0.04	0.14	0.19	0.01	0.10	0.16
850	77.26	75.20	76.03	0.03	0.14	0.21	0.01	0.11	0.17
900	73.01	73.07	73.77	0.06	0.17	0.24	0.02	0.13	0.19
1000	72.95	71.46	72.59	0.10	0.21	0.28	0.05	0.15	0.22
1100	72.43	72.03	71.92	0.15	0.27	0.34	0.07	0.20	0.26
1200	69.38	70.08	69.43	0.21	0.33	0.40	0.12	0.23	0.31
1300	67.67	67.63	68.91	0.27	0.39	0.46	0.16	0.28	0.36
1400	67.03	67.34	67.50	0.33	0.45	0.54	0.21	0.34	0.42
1500	66.63	67.27	67.57	0.38	0.52	0.60	0.26	0.39	0.47
1600	67.37	68.30	68.84	0.44	0.58	0.68	0.32	0.45	0.53
1700	73.79	74.68	74.79	0.50	0.64	0.73	0.37	0.51	0.59
1800	69.74	69.86	68.48	0.54	0.68	0.78	0.43	0.57	0.64
1900	53.99	54.17	53.83	0.56	0.71	0.82	0.49	0.63	0.71
2000	40.44	40.12	39.62	0.60	0.76	0.87	0.62	0.78	0.90

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(ns)		
	@-40°C	@+25°C	@+85°C
0.5	2.20	2.08	2.11
1	2.20	2.11	2.12
10	2.13	2.15	2.14
11	2.11	2.14	2.14
12	2.12	2.14	2.14
13	2.11	2.12	2.13
14	2.11	2.11	2.12
15	2.12	2.12	2.13
16	2.10	2.13	2.13
17	2.12	2.13	2.13
18	2.08	2.10	2.11
19	2.10	2.09	2.10
20	2.11	2.10	2.11
25	2.11	2.10	2.12
30	2.11	2.12	2.12
35	2.11	2.11	2.13
40	2.12	2.10	2.11
45	2.10	2.13	2.12
50	2.13	2.11	2.13
60	2.14	2.14	2.15
70	2.12	2.12	2.13
80	2.15	2.15	2.15
90	2.17	2.16	2.17
100	2.18	2.18	2.18
110	2.19	2.19	2.20
120	2.22	2.22	2.21
130	2.26	2.25	2.26
140	2.28	2.30	2.30
145	2.30	2.31	2.30
150	2.32	2.33	2.31
160	2.37	2.35	2.35
170	2.40	2.39	2.39
180	2.44	2.43	2.43
190	2.48	2.49	2.49
200	2.53	2.54	2.55
210	2.60	2.60	2.60
220	2.66	2.67	2.68
230	2.75	2.75	2.74
240	2.83	2.84	2.85
250	2.91	2.94	2.93
255	2.99	2.99	3.00
260	3.03	3.05	3.06
265	3.09	3.09	3.11
270	3.16	3.17	3.18
275	3.22	3.22	3.23
280	3.29	3.31	3.29
285	3.37	3.38	3.39
290	3.45	3.47	3.47
295	3.54	3.56	3.56
300	3.66	3.67	3.68
305	3.74	3.75	3.77
310	3.87	3.90	3.91
315	4.02	4.04	4.08
320	4.21	4.24	4.28
340	5.21	5.24	5.30