

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	112.04	96.78	112.77	0.08	0.10	0.13	0.08	0.11	0.13
5.0	103.28	94.01	96.30	0.09	0.12	0.15	0.09	0.12	0.15
10.0	93.62	91.64	91.87	0.12	0.15	0.17	0.11	0.15	0.17
100.0	79.61	80.42	80.74	0.22	0.25	0.28	0.21	0.25	0.28
200.0	84.28	84.78	84.46	0.12	0.15	0.18	0.10	0.15	0.17
250.0	88.68	86.46	89.79	0.09	0.13	0.15	0.07	0.12	0.14
300.0	82.28	81.61	80.02	0.09	0.12	0.15	0.06	0.12	0.14
350.0	50.55	50.01	49.36	0.19	0.26	0.31	0.14	0.23	0.27
360.0	42.39	41.72	40.97	0.29	0.39	0.46	0.22	0.34	0.40
362.0	40.58	39.86	39.09	0.32	0.43	0.51	0.24	0.37	0.44
364.0	38.66	37.92	37.11	0.36	0.48	0.57	0.27	0.41	0.48
365.0	37.68	36.92	36.10	0.38	0.51	0.61	0.29	0.43	0.51
366.0	36.67	35.90	35.06	0.41	0.54	0.65	0.31	0.45	0.54
368.0	34.58	33.77	32.90	0.47	0.62	0.74	0.35	0.51	0.61
370.0	32.38	31.54	30.62	0.54	0.71	0.86	0.41	0.59	0.70
372.0	30.05	29.18	28.21	0.63	0.84	1.01	0.48	0.68	0.82
374.0	27.60	26.67	25.67	0.76	1.00	1.22	0.57	0.81	0.98
376.0	24.98	24.03	22.98	0.93	1.23	1.51	0.70	0.98	1.20
378.0	22.20	21.21	20.14	1.17	1.56	1.93	0.89	1.23	1.52
380.0	19.24	18.25	17.17	1.53	2.06	2.58	1.16	1.61	2.02
382.0	16.12	15.17	14.14	2.10	2.86	3.64	1.60	2.22	2.82
384.0	12.91	12.09	11.22	3.08	4.23	5.45	2.35	3.26	4.18
386.0	9.80	9.27	8.69	4.88	6.67	8.59	3.73	5.08	6.45
388.0	7.16	7.04	6.84	8.24	11.03	13.88	6.20	8.04	9.76
390.0	5.33	5.60	5.70	14.47	18.32	20.80	10.07	11.93	13.32
392.0	4.32	4.80	5.05	24.77	23.48	21.85	14.30	15.08	15.50
394.0	3.80	4.35	4.67	23.24	21.92	21.78	16.53	16.51	16.57
396.0	3.50	4.07	4.43	22.56	23.47	24.85	17.51	17.53	17.65
398.0	3.32	3.90	4.27	26.45	29.70	33.63	18.57	18.67	18.89
399.0	3.25	3.84	4.21	30.69	36.67	39.57	19.10	19.24	19.57
400.0	3.20	3.79	4.17	35.75	36.84	32.71	19.57	19.81	20.35
401.0	3.16	3.75	4.15	32.52	30.36	28.18	19.99	20.44	21.31
402.0	3.13	3.73	4.13	28.11	26.73	25.42	20.47	21.29	22.64
403.0	3.11	3.71	4.12	25.38	24.49	23.54	21.13	22.47	24.56
404.0	3.09	3.71	4.13	23.63	22.94	22.09	22.17	24.28	27.60
405.0	3.09	3.72	4.15	22.41	21.72	20.85	23.83	27.21	33.04
406.0	3.10	3.73	4.18	21.45	20.64	19.68	26.52	32.48	38.92
407.0	3.11	3.76	4.23	20.53	19.56	18.56	30.96	37.99	30.36
408.0	3.14	3.81	4.29	19.52	18.45	17.47	33.95	29.82	25.27
409.0	3.18	3.86	4.36	18.40	17.34	16.47	28.30	24.74	22.15
410.0	3.23	3.93	4.45	17.23	16.29	15.59	23.73	21.58	20.09
412.0	3.38	4.12	4.67	15.13	14.60	14.27	18.66	18.14	18.06
416.0	3.81	4.71	5.49	13.12	12.99	12.49	17.04	19.18	21.19
420.0	4.92	6.40	7.80	10.61	8.88	7.41	19.05	13.90	10.76
424.0	8.48	10.52	12.32	4.62	4.03	3.55	6.17	5.37	4.66
426.0	11.14	13.17	14.93	3.02	2.82	2.61	3.90	3.67	3.35
430.0	16.71	18.48	20.03	1.58	1.64	1.63	1.96	2.06	2.02
432.0	19.32	20.95	22.38	1.24	1.34	1.36	1.52	1.65	1.66
434.0	21.78	23.28	24.61	1.02	1.13	1.17	1.22	1.37	1.41
436.0	24.07	25.46	26.70	0.87	0.97	1.02	1.02	1.17	1.22
440.0	28.23	29.44	30.52	0.66	0.76	0.82	0.75	0.89	0.95
442.0	30.12	31.26	32.28	0.59	0.69	0.74	0.66	0.80	0.86
444.0	31.90	32.98	33.95	0.53	0.63	0.68	0.58	0.72	0.78
445.0	32.75	33.80	34.75	0.51	0.60	0.66	0.55	0.69	0.74
447.0	34.40	35.40	36.29	0.47	0.56	0.61	0.50	0.63	0.68
450.0	36.71	37.65	38.49	0.41	0.50	0.55	0.43	0.56	0.61
460.0	43.40	44.18	44.88	0.30	0.37	0.41	0.29	0.40	0.45
480.0	53.66	54.31	54.93	0.20	0.26	0.29	0.17	0.26	0.30
500.0	61.72	62.31	62.70	0.15	0.20	0.23	0.11	0.20	0.23
600.0	94.55	93.54	95.91	0.08	0.12	0.15	0.03	0.12	0.14
700.0	91.17	91.53	91.21	0.06	0.11	0.14	0.01	0.10	0.13
800.0	93.16	91.07	98.80	0.06	0.11	0.14	0.00	0.10	0.13
900.0	97.91	103.69	104.59	0.06	0.12	0.15	0.00	0.11	0.14
1000.0	98.58	101.04	98.76	0.07	0.12	0.16	0.00	0.11	0.15
1500.0	79.44	77.58	81.51	0.10	0.17	0.21	0.01	0.16	0.20
2000.0	71.19	70.28	65.68	0.14	0.23	0.28	0.02	0.21	0.27
2500.0	56.94	55.75	56.41	0.17	0.29	0.35	0.03	0.25	0.33
3000.0	50.28	48.53	49.82	0.22	0.37	0.43	0.08	0.31	0.44
3500.0	37.81	37.42	39.03	0.26	0.42	0.52	0.11	0.39	0.53
4000.0	31.18	32.02	32.28	0.38	0.68	0.72	0.31	0.65	0.70
4500.0	22.26	23.68	24.01	1.20	1.37	1.46	0.56	1.05	1.25



Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
398.0	29.86	29.11	28.19
398.5	29.48	28.80	28.01
399.0	29.14	28.53	27.82
399.5	28.83	28.29	27.62
400.0	28.56	28.07	27.52
400.5	28.31	27.88	27.37
401.0	28.09	27.71	27.21
401.5	27.89	27.55	27.02
402.0	27.71	27.42	27.03
402.5	27.56	27.31	26.94
403.0	27.44	27.21	26.92
403.5	27.32	27.13	26.82
404.0	27.22	27.07	26.82
404.5	27.14	27.02	26.85
405.0	27.08	26.98	26.71
405.5	27.04	26.96	26.85
406.0	27.01	26.97	26.79
406.5	26.99	26.98	26.90
407.0	26.99	27.00	27.00
407.5	27.00	27.04	26.87
408.0	27.03	27.09	27.09
408.5	27.07	27.17	27.17
409.0	27.12	27.25	27.20
409.5	27.19	27.36	27.41
410.0	27.28	27.49	27.48