

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	84.44	85.44	84.36	0.10	0.10	0.10	0.05	0.05	0.05
5.0	71.17	71.24	71.18	0.17	0.17	0.17	0.03	0.04	0.04
10.0	65.01	65.20	65.08	0.17	0.17	0.17	0.05	0.05	0.05
50.0	51.84	51.74	51.75	0.09	0.11	0.10	0.05	0.07	0.07
100.0	48.28	48.33	48.27	0.06	0.08	0.08	0.12	0.18	0.20
150.0	51.64	51.82	51.90	0.04	0.08	0.08	0.24	0.32	0.36
200.0	55.80	55.68	55.60	0.05	0.09	0.10	0.32	0.41	0.45
250.0	43.01	43.04	43.02	0.08	0.12	0.13	0.31	0.43	0.48
300.0	41.87	42.14	42.26	0.13	0.18	0.19	0.34	0.47	0.54
380.0	47.90	49.66	50.62	0.33	0.41	0.44	0.74	0.94	1.04
390.0	36.87	35.40	34.48	0.39	0.49	0.53	0.80	1.03	1.14
392.5	33.25	32.06	31.30	0.41	0.52	0.56	0.82	1.05	1.17
395.0	30.19	29.18	28.52	0.44	0.55	0.59	0.84	1.08	1.21
402.5	22.80	22.04	21.51	0.54	0.68	0.75	0.92	1.19	1.34
405.0	20.69	19.97	19.46	0.59	0.75	0.83	0.96	1.24	1.41
430.0	4.52	4.37	4.18	3.99	4.72	5.30	4.09	4.91	5.56
432.5	3.57	3.52	3.39	5.14	5.98	6.66	5.18	6.10	6.83
437.5	2.21	2.31	2.30	8.33	9.33	10.20	8.21	9.25	10.11
450.0	0.98	1.20	1.29	24.41	25.50	27.05	22.74	23.06	23.42
460.0	0.81	1.01	1.10	24.79	26.88	28.01	27.30	29.71	30.22
535.0	0.61	0.81	0.90	21.84	21.43	21.29	22.35	22.31	22.71
610.0	0.99	1.28	1.46	33.48	30.35	27.61	30.32	26.97	24.52
625.0	1.82	2.36	2.75	12.16	10.94	10.05	11.46	10.35	9.42
630.0	2.68	3.35	3.87	8.29	7.64	7.06	7.71	7.10	6.48
632.5	3.31	4.05	4.65	6.77	6.33	5.90	6.23	5.81	5.33
655.0	15.98	16.85	17.72	1.53	1.78	1.92	1.05	1.22	1.27
660.0	20.26	21.15	22.07	1.32	1.59	1.74	0.85	1.02	1.08
665.0	25.37	26.34	27.37	1.19	1.47	1.63	0.72	0.90	0.96
667.5	28.45	29.49	30.62	1.14	1.42	1.59	0.68	0.85	0.92
670.0	32.11	33.24	34.45	1.10	1.38	1.55	0.64	0.81	0.88
700.0	31.40	31.40	31.58	0.83	1.11	1.25	0.43	0.58	0.64
725.0	34.42	34.52	34.90	0.69	0.95	1.06	0.34	0.48	0.54
750.0	41.20	41.33	41.91	0.60	0.83	0.92	0.27	0.42	0.48
775.0	56.85	56.77	58.49	0.55	0.75	0.82	0.23	0.37	0.44
800.0	50.01	50.28	49.84	0.51	0.69	0.75	0.20	0.34	0.41
825.0	44.90	45.11	45.02	0.49	0.65	0.71	0.17	0.32	0.38
850.0	43.06	43.24	43.23	0.48	0.62	0.68	0.15	0.30	0.37
870.0	42.43	42.58	42.56	0.47	0.61	0.66	0.13	0.29	0.36
900.0	42.12	42.25	42.17	0.46	0.60	0.66	0.12	0.28	0.35
920.0	42.16	42.22	42.17	0.45	0.59	0.66	0.11	0.28	0.35
950.0	42.13	42.17	42.07	0.43	0.59	0.66	0.09	0.27	0.34
980.0	42.44	42.46	42.35	0.42	0.59	0.68	0.08	0.27	0.34
1000.0	42.57	42.54	42.49	0.40	0.59	0.69	0.07	0.27	0.34
1050.0	43.28	43.21	43.14	0.37	0.59	0.72	0.06	0.27	0.34
1100.0	43.96	43.94	43.89	0.33	0.60	0.74	0.05	0.27	0.35
1150.0	44.48	44.50	44.50	0.30	0.60	0.75	0.05	0.28	0.36
1200.0	45.04	45.12	45.20	0.28	0.60	0.75	0.05	0.28	0.36
1250.0	45.46	45.67	45.81	0.26	0.59	0.74	0.05	0.29	0.37
1300.0	45.86	46.16	46.39	0.25	0.58	0.73	0.05	0.30	0.38
1320.0	46.07	46.38	46.59	0.25	0.58	0.72	0.05	0.30	0.38
1340.0	46.21	46.58	46.79	0.24	0.58	0.71	0.06	0.31	0.39
1360.0	46.36	46.75	46.99	0.24	0.57	0.70	0.05	0.31	0.39
1380.0	46.54	46.96	47.20	0.24	0.57	0.70	0.05	0.31	0.39
1400.0	46.71	47.10	47.39	0.24	0.57	0.69	0.05	0.31	0.39
1420.0	46.86	47.27	47.55	0.23	0.56	0.68	0.05	0.31	0.39
1440.0	47.03	47.53	47.82	0.23	0.56	0.68	0.05	0.31	0.40
1460.0	47.25	47.71	47.98	0.23	0.55	0.67	0.05	0.32	0.40
1500.0	47.65	48.15	48.43	0.23	0.55	0.66	0.06	0.32	0.40
1550.0	48.28	48.81	49.08	0.23	0.54	0.65	0.06	0.32	0.41
1600.0	49.28	49.81	50.13	0.23	0.53	0.64	0.07	0.33	0.41



## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(ns)		
	@-40°C	@+25°C	@+85°C
460.0	7.74	7.58	7.48
462.5	7.39	7.26	7.17
465.0	7.08	6.97	6.90
467.5	6.81	6.72	6.66
470.0	6.58	6.51	6.46
472.5	6.38	6.32	6.27
475.0	6.21	6.15	6.11
477.5	6.05	6.00	5.97
480.0	5.92	5.87	5.84
482.5	5.79	5.75	5.72
485.0	5.68	5.64	5.62
487.5	5.58	5.55	5.52
490.0	5.49	5.46	5.44
492.5	5.41	5.38	5.36
495.0	5.34	5.30	5.29
497.5	5.27	5.24	5.22
500.0	5.20	5.17	5.16
502.5	5.15	5.12	5.10
505.0	5.09	5.06	5.05
507.5	5.04	5.02	5.01
510.0	5.00	4.98	4.97
512.5	4.96	4.94	4.93
515.0	4.92	4.90	4.90
517.5	4.89	4.87	4.87
520.0	4.86	4.85	4.85
522.5	4.84	4.83	4.83
525.0	4.82	4.81	4.82
527.5	4.81	4.80	4.80
530.0	4.80	4.79	4.80
532.5	4.79	4.78	4.79
535.0	4.79	4.78	4.79
537.5	4.79	4.79	4.80
540.0	4.79	4.79	4.81
542.5	4.80	4.80	4.82
545.0	4.82	4.82	4.84
547.5	4.83	4.83	4.85
550.0	4.85	4.86	4.88
552.5	4.88	4.88	4.90
555.0	4.91	4.91	4.93
557.5	4.94	4.95	4.97
560.0	4.98	4.98	5.01
562.5	5.02	5.02	5.05
565.0	5.06	5.07	5.10
567.5	5.11	5.12	5.15
570.0	5.17	5.18	5.21
572.5	5.23	5.24	5.27
575.0	5.29	5.31	5.34
577.5	5.36	5.39	5.42
580.0	5.45	5.47	5.51
582.5	5.53	5.56	5.60
585.0	5.63	5.66	5.71
587.5	5.74	5.78	5.83
590.0	5.86	5.91	5.97
592.5	6.00	6.05	6.12
595.0	6.16	6.22	6.30
597.5	6.33	6.40	6.50
600.0	6.53	6.61	6.72
602.5	6.76	6.85	6.97
605.0	7.03	7.13	7.26
610.0	7.66	7.77	7.92