

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	92.46	99.44	91.96	0.00	0.00	0.00	0.00	0.00	0.00
10.0	70.40	70.67	71.30	0.00	0.00	0.00	0.01	0.01	0.01
50.0	57.21	57.17	56.96	0.01	0.00	0.00	0.01	0.04	0.06
100.0	52.38	52.35	52.50	0.00	0.01	0.01	0.07	0.12	0.15
150.0	52.06	52.12	52.26	0.02	0.03	0.04	0.21	0.29	0.33
200.0	57.14	57.49	57.37	0.04	0.07	0.07	0.37	0.45	0.49
250.0	61.33	61.47	61.88	0.10	0.12	0.12	0.34	0.44	0.51
300.0	49.26	49.07	49.05	0.17	0.21	0.21	0.27	0.37	0.44
350.0	44.44	44.65	44.79	0.29	0.34	0.36	0.29	0.41	0.50
365.0	55.84	56.35	56.24	0.35	0.41	0.42	0.34	0.48	0.56
400.0	22.32	22.01	21.66	0.61	0.71	0.78	0.61	0.80	0.94
425.0	8.85	8.71	8.47	1.77	2.01	2.25	1.81	2.17	2.48
450.0	1.77	1.92	2.00	9.57	10.04	10.66	9.48	10.12	10.79
455.0	1.32	1.51	1.60	12.35	12.78	13.36	12.18	12.78	13.43
460.0	1.07	1.26	1.37	15.32	15.63	16.13	15.03	15.53	16.11
465.0	0.92	1.11	1.22	18.30	18.42	18.72	17.86	18.21	18.67
470.0	0.83	1.01	1.13	20.98	20.85	20.82	20.44	20.61	20.92
475.0	0.76	0.94	1.06	22.94	22.57	22.20	22.53	22.49	22.59
480.0	0.72	0.90	1.01	24.11	23.47	22.86	23.99	23.72	23.63
485.0	0.68	0.85	0.97	24.55	23.74	22.98	24.78	24.29	24.02
490.0	0.65	0.83	0.94	24.56	23.62	22.74	25.03	24.35	23.89
495.0	0.63	0.80	0.91	24.28	23.26	22.33	24.86	24.03	23.43
500.0	0.62	0.79	0.90	23.81	22.78	21.80	24.37	23.52	22.81
525.0	0.56	0.72	0.84	20.71	20.29	19.27	20.81	20.60	19.69
550.0	0.55	0.71	0.83	18.85	18.78	18.07	18.84	18.88	18.21
575.0	0.54	0.70	0.81	18.14	18.21	17.93	18.01	18.15	17.86
600.0	0.58	0.73	0.84	17.91	18.20	18.38	17.62	17.86	17.98
625.0	0.56	0.73	0.83	18.30	18.64	19.26	17.71	17.95	18.38
650.0	0.60	0.78	0.88	18.88	19.06	19.88	18.08	18.07	18.61
670.0	0.58	0.76	0.88	18.96	18.93	19.62	18.16	17.98	18.37
675.0	0.57	0.76	0.88	18.85	18.83	19.45	18.08	17.89	18.27
700.0	0.66	0.86	0.99	17.91	18.00	18.29	17.43	17.33	17.51
725.0	0.65	0.85	0.99	17.13	17.51	17.73	16.81	16.97	17.18
750.0	0.73	0.94	1.08	17.88	18.62	19.07	17.49	17.94	18.45
775.0	0.68	0.91	1.07	22.03	23.74	25.36	20.65	21.50	22.88
800.0	0.76	1.02	1.20	30.54	28.31	27.37	24.59	23.38	23.56
825.0	0.96	1.27	1.48	17.84	17.26	16.95	17.40	16.77	16.62
850.0	1.20	1.52	1.76	15.34	15.75	16.07	15.47	16.10	17.03
870.0	1.39	1.87	2.28	21.86	18.98	16.08	29.60	25.49	20.49
900.0	6.25	7.55	8.67	3.42	3.24	3.05	3.25	3.06	2.88
950.0	25.58	26.73	27.70	0.80	0.98	1.10	0.45	0.61	0.71
965.0	31.91	33.03	34.03	0.74	0.91	1.03	0.35	0.51	0.60
1000.0	50.81	52.92	54.91	0.69	0.85	0.97	0.23	0.38	0.47
1100.0	49.92	50.14	50.45	0.62	0.78	0.93	0.10	0.25	0.32
1200.0	56.19	56.52	56.78	0.51	0.72	0.88	0.05	0.20	0.27
1300.0	62.04	62.30	61.86	0.45	0.68	0.84	0.04	0.20	0.27
1400.0	65.45	64.31	64.35	0.45	0.68	0.85	0.03	0.20	0.26
1500.0	68.40	68.12	65.74	0.47	0.70	0.88	0.03	0.20	0.26
1600.0	71.67	68.77	69.80	0.48	0.72	0.91	0.04	0.22	0.28
1700.0	70.83	67.30	67.69	0.50	0.73	0.93	0.03	0.21	0.30
1800.0	79.00	74.07	71.07	0.51	0.74	0.95	0.03	0.22	0.32
1900.0	72.56	71.83	69.86	0.50	0.74	0.95	0.03	0.24	0.35
2000.0	62.57	61.42	63.04	0.50	0.74	0.96	0.04	0.24	0.35
2100.0	60.39	63.40	62.14	0.50	0.75	0.96	0.05	0.25	0.39
2200.0	58.92	57.86	64.96	0.50	0.75	0.95	0.09	0.33	0.54
2300.0	58.73	59.17	62.05	0.48	0.74	0.95	0.06	0.27	0.41
2400.0	61.58	62.20	59.40	0.52	0.77	0.97	0.09	0.31	0.45
2500.0	60.86	60.13	56.87	0.55	0.79	0.97	0.10	0.32	0.45
2600.0	59.41	56.61	53.70	0.53	0.79	0.99	0.11	0.33	0.45
2700.0	50.66	52.76	51.63	0.52	0.80	1.00	0.13	0.35	0.47



*Typical Performance Data*

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
470	6.48	6.38	6.29
480	5.68	5.61	5.54
490	5.11	5.06	5.02
500	4.70	4.66	4.62
510	4.37	4.35	4.30
520	4.13	4.10	4.07
530	3.95	3.93	3.90
540	3.78	3.75	3.74
550	3.62	3.60	3.58
560	3.51	3.49	3.46
570	3.44	3.41	3.39
580	3.37	3.34	3.34
590	3.28	3.26	3.26
600	3.19	3.18	3.17
610	3.16	3.15	3.13
620	3.15	3.15	3.14
630	3.15	3.14	3.13
640	3.07	3.06	3.07
650	3.04	3.04	3.04
660	3.08	3.06	3.05
670	3.13	3.13	3.10
680	3.14	3.14	3.14
690	3.09	3.10	3.10
700	3.07	3.06	3.06
705	3.10	3.09	3.08
710	3.14	3.13	3.12
715	3.19	3.18	3.17
720	3.23	3.23	3.22
725	3.25	3.26	3.26
730	3.27	3.28	3.28
735	3.26	3.28	3.28
740	3.27	3.27	3.29
745	3.28	3.29	3.30
750	3.31	3.31	3.33
755	3.36	3.37	3.38
760	3.43	3.45	3.45
765	3.50	3.52	3.53
770	3.58	3.60	3.61
775	3.66	3.67	3.69
780	3.72	3.74	3.75
785	3.79	3.81	3.83
790	3.83	3.87	3.89
795	3.91	3.95	3.98
800	3.97	4.01	4.04
805	4.06	4.07	4.11
810	4.11	4.12	4.17
815	4.19	4.20	4.23
820	4.26	4.27	4.31
825	4.40	4.42	4.45
830	4.54	4.57	4.61
835	4.72	4.78	4.83
840	4.89	4.96	5.04
845	5.03	5.16	5.26
850	5.21	5.36	5.51
855	5.47	5.66	5.85
860	5.89	6.12	6.36
865	6.45	6.70	6.96
870	7.09	7.33	7.55