

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	102.45	97.17	100.30	0.00	0.00	0.01	0.01	0.00	0.01
50.0	60.44	60.37	60.34	0.00	0.01	0.02	0.03	0.05	0.07
100.0	57.57	57.61	57.72	0.01	0.02	0.04	0.14	0.17	0.20
150.0	63.96	64.09	64.09	0.02	0.04	0.07	0.28	0.33	0.37
200.0	59.55	59.50	59.47	0.04	0.07	0.10	0.36	0.44	0.50
220.0	55.04	54.98	54.89	0.05	0.08	0.11	0.37	0.47	0.55
240.0	52.76	52.77	52.70	0.06	0.09	0.13	0.39	0.50	0.60
250.0	52.32	52.36	52.38	0.06	0.09	0.13	0.39	0.52	0.62
260.0	52.43	52.54	52.57	0.07	0.10	0.14	0.41	0.54	0.65
280.0	55.60	55.91	56.15	0.08	0.12	0.16	0.46	0.60	0.71
300.0	68.18	66.64	65.66	0.10	0.13	0.17	0.54	0.70	0.81
340.0	41.79	41.98	42.16	0.14	0.18	0.22	0.91	1.08	1.21
350.0	40.77	41.05	41.31	0.15	0.19	0.23	1.01	1.19	1.33
360.0	42.16	42.59	43.09	0.17	0.21	0.25	1.08	1.28	1.44
380.0	39.88	39.12	38.29	0.21	0.25	0.29	1.05	1.29	1.48
400.0	24.44	24.25	23.99	0.29	0.33	0.38	0.91	1.15	1.34
460.0	4.24	4.24	4.18	3.52	3.86	4.23	3.93	4.33	4.71
480.0	1.47	1.58	1.64	10.65	11.76	13.21	10.57	11.40	12.29
500.0	0.90	1.09	1.24	18.66	18.27	17.36	16.61	16.13	15.39
550.0	0.87	1.03	1.15	15.05	15.61	16.28	14.62	15.37	16.28
555.0	0.85	1.00	1.12	15.79	16.53	17.48	15.24	16.16	17.35
560.0	0.82	0.98	1.10	16.69	17.67	18.98	15.97	17.08	18.60
565.0	0.80	0.96	1.08	17.74	19.01	20.83	16.80	18.11	20.01
570.0	0.79	0.95	1.07	18.93	20.60	23.18	17.71	19.22	21.52
575.0	0.77	0.94	1.07	20.20	22.39	26.12	18.63	20.31	22.93
580.0	0.77	0.93	1.07	21.41	24.12	29.38	19.48	21.24	23.89
585.0	0.76	0.93	1.08	22.36	25.34	30.76	20.17	21.84	24.06
590.0	0.76	0.94	1.09	22.77	25.40	28.62	20.54	21.92	23.46
595.0	0.77	0.95	1.10	22.60	24.48	25.95	20.58	21.58	22.50
600.0	0.78	0.96	1.11	22.01	23.21	23.85	20.33	20.99	21.51
650.0	0.92	1.14	1.32	19.79	20.06	20.10	18.62	19.00	19.44
655.0	0.93	1.16	1.35	20.48	20.76	20.73	19.07	19.49	19.92
660.0	0.95	1.18	1.37	21.37	21.68	21.54	19.62	20.07	20.47
665.0	0.97	1.21	1.41	22.50	22.87	22.62	20.27	20.78	21.12
670.0	0.99	1.24	1.44	23.92	24.44	24.07	21.01	21.58	21.87
675.0	1.02	1.27	1.49	25.54	26.41	26.04	21.80	22.48	22.77
680.0	1.06	1.32	1.53	27.19	28.78	28.88	22.57	23.41	23.82
685.0	1.10	1.37	1.59	28.15	30.67	32.99	23.21	24.26	24.99
690.0	1.15	1.43	1.67	27.56	29.87	34.73	23.58	24.80	26.06
695.0	1.21	1.50	1.76	25.72	27.02	29.85	23.49	24.68	26.33
700.0	1.29	1.60	1.87	23.58	24.21	25.56	22.76	23.61	24.97
750.0	17.29	18.71	20.19	2.28	2.56	2.77	1.42	1.59	1.68
755.0	22.09	23.54	25.08	1.85	2.12	2.34	1.18	1.36	1.46
760.0	27.49	29.00	30.65	1.56	1.82	2.03	1.03	1.21	1.32
765.0	34.00	35.64	37.48	1.35	1.60	1.80	0.93	1.10	1.21
770.0	42.88	44.49	46.15	1.20	1.43	1.63	0.86	1.03	1.13
775.0	47.67	47.08	46.50	1.07	1.30	1.49	0.80	0.96	1.07
780.0	42.99	43.12	43.19	0.98	1.19	1.38	0.75	0.91	1.01
790.0	40.35	40.90	41.43	0.83	1.03	1.20	0.68	0.83	0.93
795.0	40.41	41.04	41.58	0.77	0.96	1.13	0.65	0.80	0.90
800.0	40.88	41.53	42.15	0.72	0.91	1.08	0.62	0.77	0.87
850.0	53.35	54.00	54.47	0.48	0.64	0.78	0.46	0.61	0.72
890.0	64.80	65.62	64.67	0.43	0.57	0.69	0.39	0.54	0.67
900.0	66.36	65.18	64.80	0.42	0.56	0.68	0.38	0.53	0.66
1000.0	54.62	54.65	54.28	0.43	0.54	0.64	0.28	0.46	0.62
1100.0	48.99	49.11	48.34	0.53	0.64	0.76	0.24	0.44	0.62
1200.0	45.55	45.62	45.65	0.67	0.85	1.03	0.22	0.44	0.63
1300.0	44.74	44.93	45.12	0.75	1.04	1.32	0.22	0.45	0.65
1400.0	45.66	46.11	46.55	0.71	1.02	1.30	0.23	0.47	0.67
1500.0	47.48	48.00	48.50	0.62	0.90	1.16	0.23	0.48	0.69
1600.0	49.25	49.75	50.25	0.56	0.81	1.04	0.24	0.49	0.70
1700.0	50.67	51.10	51.49	0.52	0.75	0.96	0.24	0.51	0.72
1800.0	50.30	50.66	50.92	0.49	0.71	0.91	0.26	0.52	0.74

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
500.0	6.31	6.25	6.18
505.0	6.03	5.97	5.90
510.0	5.77	5.71	5.65
515.0	5.54	5.49	5.43
530.0	5.04	5.02	4.99
545.0	4.80	4.79	4.79
550.0	4.75	4.75	4.75
555.0	4.72	4.72	4.73
560.0	4.70	4.70	4.71
565.0	4.68	4.69	4.70
570.0	4.67	4.68	4.69
575.0	4.67	4.67	4.68
585.0	4.67	4.68	4.68
590.0	4.68	4.68	4.69
592.5	4.68	4.69	4.69
595.0	4.69	4.69	4.69
600.0	4.70	4.71	4.71
605.0	4.72	4.73	4.73
615.0	4.78	4.79	4.80
630.0	4.94	4.95	4.97
635.0	5.01	5.03	5.05
640.0	5.10	5.12	5.14
645.0	5.20	5.22	5.25
650.0	5.31	5.34	5.37
655.0	5.44	5.48	5.51
660.0	5.59	5.63	5.68
665.0	5.77	5.81	5.86
670.0	5.97	6.02	6.08
675.0	6.20	6.26	6.33
680.0	6.47	6.55	6.63
685.0	6.79	6.88	6.99
690.0	7.19	7.30	7.43
695.0	7.68	7.81	7.97
700.0	8.30	8.46	8.65