

*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	106.42	110.48	94.43	0.00	0.00	0.00	0.00	0.00	0.00
100	93.36	86.20	92.20	0.02	0.03	0.03	0.03	0.03	0.04
190	73.13	75.08	74.42	0.06	0.08	0.10	0.06	0.08	0.10
240	56.76	56.89	56.51	0.10	0.12	0.15	0.11	0.14	0.16
320	30.47	30.41	30.34	0.33	0.37	0.42	0.33	0.39	0.43
325	28.66	28.61	28.53	0.36	0.41	0.45	0.37	0.44	0.48
345	21.12	21.01	20.93	0.55	0.63	0.69	0.59	0.69	0.74
360	15.09	14.93	14.83	0.90	1.02	1.11	0.97	1.11	1.20
380	7.22	7.06	6.92	2.49	2.81	3.06	2.66	3.06	3.34
395	3.25	3.22	3.17	6.17	6.91	7.54	6.50	7.45	8.25
425	1.27	1.42	1.51	16.13	17.33	18.45	16.50	18.14	19.83
430	1.21	1.36	1.46	16.89	18.01	19.03	17.24	18.79	20.29
435	1.18	1.33	1.43	17.36	18.42	19.29	17.73	19.17	20.49
485	1.04	1.22	1.33	21.02	21.01	20.61	23.14	24.41	24.50
490	1.05	1.23	1.34	21.47	21.35	20.91	23.87	25.21	25.22
500	1.05	1.24	1.35	21.92	21.66	21.21	24.55	25.91	25.89
510	1.08	1.27	1.39	21.44	21.25	20.93	23.65	24.79	24.90
535	1.24	1.44	1.57	16.89	17.20	17.38	17.58	18.35	18.87
550	1.41	1.62	1.75	14.15	14.65	15.04	14.65	15.53	16.26
595	2.32	2.91	3.36	11.25	9.87	8.88	16.70	14.02	12.22
610	4.85	5.76	6.45	4.70	4.29	3.99	5.68	5.23	4.88
630	11.16	12.07	12.74	1.57	1.63	1.65	1.83	1.91	1.93
660	20.74	21.46	21.98	0.69	0.79	0.85	0.76	0.87	0.94
670	23.54	24.23	24.71	0.58	0.70	0.75	0.65	0.76	0.82
700	31.22	31.82	32.23	0.43	0.53	0.58	0.46	0.56	0.61
740	40.19	40.76	41.10	0.34	0.44	0.48	0.34	0.44	0.49
770	46.39	46.93	47.28	0.29	0.38	0.43	0.30	0.39	0.44
860	68.06	67.87	69.14	0.23	0.33	0.37	0.23	0.32	0.36
880	74.35	77.35	76.48	0.22	0.32	0.36	0.22	0.31	0.36
900	83.57	97.70	83.99	0.22	0.33	0.37	0.22	0.32	0.37
950	73.18	73.91	71.56	0.21	0.31	0.36	0.20	0.30	0.36
1070	69.88	70.88	70.64	0.21	0.33	0.37	0.21	0.32	0.38
1400	77.52	75.93	78.26	0.22	0.36	0.43	0.23	0.36	0.42
1440	77.92	80.03	81.11	0.24	0.38	0.44	0.25	0.38	0.45
1580	81.71	79.27	81.38	0.24	0.39	0.46	0.25	0.40	0.46
1640	84.81	94.92	87.31	0.26	0.42	0.49	0.26	0.42	0.49
1680	82.17	93.60	98.38	0.26	0.41	0.49	0.27	0.43	0.50
1750	95.91	82.68	99.74	0.27	0.44	0.52	0.28	0.43	0.51
1780	84.51	91.96	91.83	0.27	0.44	0.51	0.28	0.45	0.52
1820	88.44	85.92	87.26	0.28	0.44	0.52	0.28	0.43	0.51
1900	87.89	99.65	81.46	0.29	0.46	0.54	0.29	0.45	0.53
1910	82.73	83.87	83.52	0.30	0.46	0.54	0.29	0.45	0.53
1970	81.63	107.25	81.87	0.31	0.48	0.56	0.29	0.46	0.54
2030	87.01	77.63	80.91	0.31	0.49	0.57	0.31	0.48	0.56
2210	73.28	70.82	72.77	0.33	0.51	0.60	0.32	0.49	0.58
2220	71.44	72.33	69.68	0.32	0.49	0.59	0.33	0.49	0.59
2250	72.13	74.54	73.00	0.35	0.52	0.62	0.34	0.51	0.60
2290	74.34	71.72	74.13	0.33	0.51	0.60	0.34	0.51	0.59
2310	73.10	74.36	71.46	0.34	0.52	0.61	0.34	0.51	0.60
2430	66.93	67.27	71.72	0.36	0.54	0.63	0.34	0.51	0.60
2470	62.15	61.55	63.03	0.36	0.54	0.64	0.37	0.54	0.64
2610	67.56	67.06	67.31	0.38	0.56	0.66	0.36	0.52	0.63
2650	64.34	64.35	64.10	0.37	0.55	0.65	0.37	0.54	0.65
2700	65.84	65.66	65.13	0.38	0.57	0.67	0.38	0.56	0.65
2740	60.65	59.49	59.50	0.36	0.56	0.65	0.36	0.54	0.65
2750	61.61	61.12	60.55	0.38	0.57	0.66	0.36	0.54	0.63
2870	57.30	56.87	56.68	0.38	0.57	0.69	0.39	0.56	0.67
2920	58.26	57.32	57.45	0.39	0.58	0.68	0.36	0.54	0.65
3150	57.31	56.41	56.16	0.38	0.59	0.69	0.35	0.54	0.65
3700	50.88	50.23	49.62	0.39	0.62	0.76	0.37	0.57	0.69

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
435	6.62	6.57	6.53
440	6.36	6.32	6.29
445	6.15	6.11	6.09
450	5.97	5.94	5.92
455	5.81	5.79	5.78
460	5.68	5.67	5.65
465	5.58	5.56	5.55
470	5.48	5.47	5.47
475	5.41	5.41	5.40
480	5.35	5.34	5.34
485	5.30	5.29	5.30
490	5.26	5.26	5.26
495	5.23	5.23	5.24
500	5.21	5.21	5.23
505	5.21	5.21	5.22
510	5.20	5.21	5.22
515	5.21	5.22	5.23
520	5.22	5.23	5.25
525	5.23	5.25	5.28
530	5.27	5.29	5.31
535	5.30	5.32	5.36