

## 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	97.26	110.47	102.00	0.00	0.00	0.00	0.00	0.00	0.00
5.0	88.73	87.67	86.44	0.00	0.00	0.00	0.00	0.00	0.00
10.0	80.66	82.72	81.88	0.00	0.00	0.00	0.00	0.00	0.00
40.0	69.94	69.91	69.69	0.00	0.00	0.00	0.00	0.00	0.00
160.0	58.35	58.12	58.02	0.00	0.01	0.01	0.00	0.01	0.02
440.0	52.05	52.21	52.26	0.00	0.03	0.05	0.01	0.03	0.04
680.0	55.06	55.18	55.31	0.03	0.08	0.10	0.03	0.07	0.07
820.0	63.87	64.36	64.29	0.06	0.11	0.14	0.05	0.09	0.10
880.0	79.95	81.74	82.17	0.08	0.13	0.16	0.06	0.10	0.11
920.0	70.21	69.37	69.43	0.09	0.14	0.17	0.06	0.11	0.12
1000.0	59.96	60.00	59.84	0.11	0.17	0.20	0.08	0.13	0.14
1060.0	57.15	57.15	57.21	0.13	0.19	0.21	0.09	0.15	0.16
1180.0	56.60	56.76	56.85	0.17	0.23	0.26	0.12	0.18	0.20
1240.0	59.64	59.83	60.17	0.19	0.26	0.29	0.15	0.21	0.22
1300.0	70.04	70.37	70.60	0.21	0.28	0.32	0.17	0.23	0.25
1360.0	60.35	60.13	59.55	0.24	0.31	0.35	0.20	0.26	0.28
1430.0	53.33	53.24	53.09	0.27	0.35	0.39	0.23	0.31	0.33
1450.0	52.62	52.61	52.48	0.28	0.37	0.41	0.25	0.33	0.35
1500.0	54.19	54.60	54.79	0.31	0.40	0.45	0.29	0.37	0.39
1510.0	55.75	56.29	56.77	0.31	0.41	0.46	0.29	0.38	0.40
1530.0	63.96	66.12	68.76	0.33	0.43	0.48	0.32	0.40	0.43
1550.0	59.84	57.72	56.58	0.34	0.44	0.50	0.34	0.42	0.46
1560.0	53.46	52.16	51.37	0.35	0.45	0.51	0.35	0.44	0.47
1600.0	40.48	39.91	39.42	0.38	0.49	0.55	0.40	0.50	0.53
1770.0	12.93	12.66	12.41	1.01	1.23	1.37	1.17	1.39	1.51
1810.0	7.91	7.73	7.54	1.91	2.23	2.44	2.15	2.49	2.70
1850.0	3.93	3.90	3.83	4.30	4.78	5.10	4.65	5.18	5.53
1870.0	2.59	2.64	2.63	6.43	7.00	7.36	6.88	7.51	7.91
1890.0	1.72	1.82	1.85	9.32	9.95	10.32	9.90	10.59	11.00
1920.0	1.06	1.20	1.26	14.93	15.62	15.93	15.68	16.38	16.60
1925.0	1.00	1.14	1.20	15.97	16.66	16.95	16.72	17.39	17.52
1950.0	0.81	0.95	1.01	20.66	21.30	21.49	20.69	20.89	20.61
1955.0	0.79	0.93	0.99	21.25	21.86	22.05	21.04	21.13	20.83
1985.0	0.70	0.84	0.90	21.82	22.27	22.69	20.76	20.60	20.50
1995.0	0.68	0.82	0.88	21.55	21.98	22.49	20.51	20.35	20.35
2000.0	0.67	0.81	0.87	21.45	21.87	22.41	20.40	20.25	20.30
2035.0	0.61	0.75	0.80	21.38	21.89	22.59	20.50	20.44	20.72
2075.0	0.56	0.69	0.75	22.90	23.67	24.50	22.07	22.11	22.62
2090.0	0.54	0.67	0.72	23.93	24.84	25.76	23.02	23.11	23.75
2120.0	0.50	0.63	0.69	26.98	28.48	29.50	25.61	25.89	26.70
2130.0	0.49	0.62	0.68	28.36	30.19	31.17	26.73	27.02	27.93
2155.0	0.47	0.60	0.65	33.33	36.39	35.62	30.11	30.07	31.33
2160.0	0.47	0.60	0.65	34.72	37.86	36.01	30.83	30.59	31.83
2170.0	0.46	0.59	0.64	37.73	39.42	35.59	32.00	31.27	32.25
2200.0	0.44	0.57	0.62	36.04	32.66	30.71	31.65	29.79	29.72
2250.0	0.42	0.55	0.60	26.75	25.58	24.99	26.34	25.20	24.93
2280.0	0.41	0.54	0.59	24.12	23.38	23.10	23.94	23.15	22.96
2345.0	0.40	0.53	0.58	20.94	20.69	20.66	20.95	20.53	20.47
2435.0	0.38	0.51	0.56	19.28	19.22	19.43	19.38	19.09	19.13
2510.0	0.36	0.49	0.54	19.25	19.22	19.56	19.34	19.03	19.16
2550.0	0.35	0.48	0.53	19.54	19.54	19.95	19.63	19.31	19.52
2645.0	0.32	0.45	0.49	20.84	21.13	21.80	20.78	20.68	21.03
2695.0	0.31	0.44	0.48	21.76	22.42	23.28	21.60	21.77	22.23
2760.0	0.29	0.42	0.46	23.36	24.88	26.15	22.82	23.58	24.14
2765.0	0.29	0.42	0.47	23.48	25.07	26.38	22.94	23.75	24.33
2845.0	0.28	0.40	0.45	25.92	29.30	31.55	24.54	26.01	26.54
2890.0	0.27	0.40	0.45	27.22	30.97	32.59	25.03	26.35	26.56
2900.0	0.27	0.40	0.45	27.47	30.96	32.17	25.05	26.23	26.33
2945.0	0.27	0.40	0.45	27.57	29.15	29.24	24.75	25.11	25.05
3000.0	0.27	0.40	0.46	26.18	25.91	25.63	23.62	23.22	22.94

*Typical Performance Data*

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
2000	1.35	1.33	1.31
2025	1.24	1.21	1.20
2050	1.15	1.12	1.11
2075	1.08	1.05	1.05
2100	1.01	0.99	0.98
2125	0.96	0.94	0.93
2150	0.91	0.90	0.89
2175	0.87	0.86	0.85
2200	0.84	0.82	0.81
2225	0.80	0.79	0.78
2250	0.77	0.76	0.75
2275	0.74	0.73	0.72
2300	0.72	0.70	0.69
2325	0.69	0.68	0.67
2350	0.67	0.66	0.65
2375	0.65	0.64	0.63
2400	0.63	0.62	0.62
2405	0.63	0.62	0.61
2410	0.63	0.62	0.61
2415	0.62	0.61	0.60
2420	0.62	0.61	0.60
2425	0.62	0.60	0.60
2430	0.61	0.60	0.59
2435	0.61	0.60	0.59
2440	0.61	0.59	0.59
2445	0.60	0.59	0.58
2450	0.60	0.59	0.58
2455	0.60	0.59	0.58
2460	0.60	0.58	0.58
2465	0.59	0.58	0.58
2470	0.59	0.58	0.57
2475	0.59	0.58	0.57
2480	0.59	0.57	0.57
2485	0.58	0.57	0.56
2490	0.58	0.57	0.56
2495	0.58	0.56	0.56
2500	0.58	0.56	0.56
2520	0.56	0.55	0.54
2545	0.55	0.54	0.53
2570	0.55	0.53	0.53
2575	0.55	0.53	0.53
2580	0.54	0.53	0.52
2590	0.54	0.52	0.52
2600	0.53	0.52	0.51
2625	0.53	0.51	0.51
2650	0.52	0.50	0.50
2675	0.51	0.49	0.49
2700	0.50	0.49	0.48
2725	0.49	0.48	0.47
2750	0.48	0.47	0.47
2775	0.48	0.47	0.46
2800	0.47	0.46	0.46
2825	0.46	0.45	0.45
2850	0.46	0.45	0.45
2875	0.45	0.44	0.44
2900	0.45	0.44	0.43
2925	0.45	0.43	0.43
2950	0.44	0.43	0.42
2975	0.44	0.42	0.42
3000	0.43	0.42	0.42