

*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	99.55	103.07	106.57	0.05	0.05	0.05	0.05	0.05	0.05
200	109.13	103.56	96.87	0.01	0.03	0.03	0.01	0.03	0.03
500	92.56	98.61	97.78	0.00	0.03	0.04	0.00	0.04	0.05
860	83.43	82.74	85.99	0.02	0.07	0.09	0.03	0.09	0.11
1040	79.12	77.35	76.53	0.04	0.10	0.12	0.06	0.12	0.14
1160	76.20	76.13	76.00	0.06	0.12	0.14	0.08	0.14	0.17
1360	72.18	71.35	71.31	0.09	0.16	0.18	0.12	0.19	0.22
1420	73.16	72.46	71.93	0.10	0.17	0.20	0.13	0.20	0.24
1500	78.27	78.20	77.56	0.12	0.19	0.22	0.16	0.23	0.26
1540	65.85	67.16	65.50	0.14	0.21	0.24	0.17	0.25	0.28
1590	72.61	73.08	73.22	0.15	0.23	0.25	0.19	0.27	0.31
1646	55.99	55.79	55.62	0.17	0.26	0.29	0.21	0.30	0.34
1714	40.62	40.14	40.11	0.23	0.32	0.37	0.28	0.38	0.44
1740	34.55	34.02	33.95	0.27	0.38	0.43	0.32	0.44	0.50
1756	30.51	29.98	29.88	0.30	0.42	0.48	0.36	0.49	0.57
1760	29.46	28.93	28.83	0.31	0.43	0.50	0.37	0.51	0.59
1768	27.31	26.76	26.66	0.33	0.47	0.54	0.40	0.55	0.64
1790	20.81	20.22	20.14	0.45	0.62	0.72	0.53	0.74	0.86
1796	18.87	18.28	18.20	0.50	0.70	0.81	0.61	0.84	0.97
1798	18.20	17.61	17.54	0.53	0.73	0.84	0.63	0.87	1.01
1829	6.88	6.49	6.69	2.14	2.76	2.92	2.44	3.19	3.40
1839	3.62	3.54	3.83	4.62	5.59	5.61	5.20	6.42	6.46
1846	2.12	2.25	2.55	7.98	9.11	8.81	9.09	10.64	10.23
1859	1.09	1.36	1.56	15.87	16.46	16.28	19.82	19.73	18.97
1870	0.98	1.22	1.35	15.47	16.85	18.50	16.38	17.18	18.36
1874	0.95	1.18	1.31	15.28	16.98	18.90	15.81	16.91	18.14
1893	0.78	1.01	1.14	19.95	24.05	27.16	19.90	21.95	22.16
1903	0.69	0.94	1.08	30.90	46.41	34.02	29.30	27.49	24.80
1908	0.68	0.93	1.07	40.76	29.31	27.54	33.61	25.98	24.01
1920	0.68	0.93	1.05	21.05	20.20	20.89	20.86	19.94	20.51
1942	0.73	0.93	1.03	15.83	17.01	18.94	15.76	17.01	19.19
1950	0.72	0.92	1.01	15.86	17.60	20.03	15.79	17.62	20.52
1980	0.63	0.85	0.98	23.28	28.52	26.23	23.34	32.16	33.79
1984	0.62	0.85	0.99	25.59	30.00	25.13	25.84	39.09	29.62
1998	0.61	0.86	1.01	36.48	27.79	23.31	46.01	30.28	24.78
2005	0.62	0.87	1.02	36.93	28.43	24.87	36.48	29.33	25.53
2010	0.63	0.89	1.04	37.42	30.87	27.92	32.94	29.66	26.88
2014	0.64	0.91	1.06	35.62	32.89	31.14	30.27	28.71	26.73
2030	0.80	1.17	1.42	17.87	15.99	14.65	17.19	15.33	13.94
2062	3.84	4.97	5.78	3.59	3.16	2.87	3.57	3.12	2.83
2092	10.48	11.72	12.57	0.83	0.91	0.93	0.85	0.93	0.96
2100	12.26	13.46	14.28	0.61	0.73	0.77	0.64	0.75	0.79
2130	18.30	19.31	19.99	0.28	0.41	0.47	0.31	0.44	0.51
2132	18.66	19.66	20.34	0.27	0.40	0.46	0.31	0.44	0.50
2158	23.01	23.87	24.46	0.19	0.31	0.37	0.23	0.35	0.41
2190	27.57	28.31	28.83	0.15	0.26	0.31	0.19	0.30	0.36
2212	30.33	31.00	31.48	0.14	0.24	0.29	0.17	0.28	0.33
2350	43.33	43.99	44.17	0.12	0.21	0.24	0.14	0.23	0.27
2490	59.98	59.18	61.58	0.11	0.19	0.22	0.13	0.21	0.25
2560	69.13	65.07	73.68	0.10	0.19	0.22	0.12	0.21	0.24
2610	59.47	59.14	59.11	0.09	0.18	0.22	0.12	0.20	0.24
2660	60.86	59.61	59.08	0.09	0.18	0.21	0.11	0.20	0.23
2900	54.35	53.07	53.36	0.07	0.17	0.21	0.09	0.19	0.22
3120	46.01	46.29	45.07	0.07	0.18	0.23	0.08	0.18	0.23
3420	47.67	48.68	47.69	0.08	0.22	0.25	0.11	0.23	0.27
3500	44.05	44.05	43.73	0.07	0.20	0.27	0.11	0.24	0.29
3680	42.07	42.88	46.11	0.12	0.27	0.31	0.19	0.32	0.37
3780	42.55	41.48	41.81	0.10	0.25	0.32	0.17	0.32	0.39
4200	39.60	39.59	39.16	0.22	0.38	0.46	0.34	0.53	0.63
4300	38.47	38.17	38.47	0.25	0.43	0.51	0.34	0.56	0.68

*Typical Performance Data*

FREQ.	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
(MHz)			
1920	4.58	4.52	4.53
1921	4.56	4.50	4.51
1922	4.54	4.49	4.50
1923	4.52	4.47	4.48
1924	4.50	4.46	4.46
1925	4.49	4.44	4.46
1926	4.46	4.42	4.44
1927	4.45	4.41	4.44
1928	4.43	4.40	4.42
1929	4.41	4.38	4.40
1930	4.39	4.37	4.40
1931	4.38	4.36	4.39
1932	4.37	4.34	4.38
1933	4.34	4.33	4.36
1935	4.32	4.30	4.34
1936	4.31	4.30	4.34
1937	4.29	4.29	4.33
1938	4.28	4.28	4.32
1939	4.27	4.28	4.32
1940	4.26	4.26	4.31
1941	4.25	4.26	4.30
1942	4.24	4.25	4.30
1943	4.23	4.24	4.29
1944	4.22	4.24	4.29
1945	4.21	4.23	4.28
1946	4.21	4.23	4.28
1947	4.20	4.23	4.28
1948	4.19	4.22	4.27
1949	4.19	4.22	4.27
1950	4.18	4.21	4.26
1951	4.18	4.22	4.27
1952	4.18	4.21	4.27
1953	4.17	4.21	4.27
1954	4.17	4.21	4.27
1955	4.18	4.22	4.27
1956	4.18	4.22	4.27
1957	4.18	4.22	4.27
1958	4.18	4.22	4.28
1959	4.18	4.23	4.28
1960	4.18	4.22	4.28
1961	4.19	4.24	4.29
1962	4.19	4.23	4.28
1963	4.19	4.24	4.29
1964	4.20	4.24	4.29
1965	4.20	4.25	4.29
1966	4.21	4.25	4.30
1967	4.21	4.26	4.30
1968	4.22	4.26	4.30
1969	4.22	4.27	4.31
1970	4.23	4.27	4.31
1971	4.23	4.28	4.32
1972	4.24	4.28	4.32
1973	4.25	4.29	4.33
1974	4.26	4.30	4.33
1975	4.26	4.30	4.34
1976	4.27	4.31	4.35
1977	4.27	4.31	4.35
1978	4.28	4.32	4.35
1979	4.29	4.33	4.36
1980	4.30	4.33	4.36