

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	(MHz)	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C
1	101.52	99.93	98.19	0.00	0.00	0.00	0.00	0.00	0.00
10	109.32	102.23	104.82	0.00	0.00	0.00	0.00	0.00	0.00
90	102.87	97.69	104.59	0.00	0.00	0.00	0.00	0.01	0.00
175	96.26	95.38	107.00	0.00	0.01	0.01	0.00	0.01	0.01
350	91.37	90.35	95.58	0.01	0.04	0.04	0.01	0.03	0.03
525	84.33	83.26	82.07	0.04	0.08	0.08	0.04	0.07	0.07
675	75.69	76.42	77.11	0.08	0.12	0.12	0.08	0.11	0.12
825	71.21	71.55	71.73	0.12	0.17	0.17	0.12	0.17	0.18
950	68.66	68.65	68.69	0.15	0.20	0.21	0.16	0.21	0.21
1075	64.96	65.23	65.01	0.19	0.24	0.24	0.19	0.25	0.25
1325	61.48	61.43	61.47	0.26	0.32	0.33	0.28	0.34	0.35
1450	78.11	77.12	77.06	0.31	0.40	0.42	0.34	0.43	0.45
1510	50.65	50.35	50.06	0.38	0.48	0.51	0.42	0.52	0.55
1540	42.54	42.22	42.03	0.43	0.56	0.59	0.48	0.60	0.63
1550	39.92	39.63	39.44	0.46	0.59	0.62	0.51	0.63	0.67
1575	33.33	33.07	32.91	0.54	0.69	0.73	0.61	0.75	0.80
1590	29.28	29.04	28.91	0.62	0.78	0.83	0.69	0.85	0.91
1605	25.15	24.93	24.80	0.72	0.90	0.95	0.81	0.99	1.06
1624	19.82	19.61	19.51	0.93	1.13	1.20	1.05	1.27	1.35
1638	15.87	15.69	15.60	1.18	1.42	1.50	1.36	1.62	1.72
1650	12.56	12.42	12.36	1.54	1.82	1.92	1.78	2.09	2.21
1670	7.67	7.63	7.61	2.75	3.13	3.27	3.12	3.56	3.73
1694	3.77	3.89	3.93	5.90	6.38	6.59	6.46	6.99	7.26
1710	2.48	2.66	2.71	8.99	9.48	9.71	9.59	10.15	10.45
1735	1.60	1.80	1.87	14.67	15.12	15.33	15.40	16.14	16.46
1780	1.20	1.41	1.47	19.98	19.44	19.51	22.43	22.08	22.33
1810	1.17	1.36	1.42	17.32	17.11	17.28	18.16	18.02	18.25
1834	1.15	1.33	1.39	16.79	16.99	17.15	17.18	17.46	17.66
1845	1.13	1.31	1.37	17.07	17.45	17.62	17.32	17.78	17.99
1857	1.11	1.29	1.34	17.68	18.29	18.46	17.77	18.44	18.62
1863	1.10	1.27	1.33	18.07	18.80	18.95	18.07	18.86	19.00
1871	1.08	1.26	1.32	18.65	19.55	19.66	18.56	19.49	19.56
1880	1.07	1.25	1.31	19.35	20.42	20.45	19.16	20.20	20.17
1899	1.06	1.24	1.30	20.64	21.77	21.63	20.34	21.31	21.16
1940	1.12	1.32	1.39	18.89	18.84	18.62	18.98	18.99	18.76
1960	1.18	1.40	1.47	17.45	17.21	17.09	17.64	17.46	17.36
1980	1.25	1.48	1.56	18.67	18.44	18.59	18.47	18.30	18.44
2000	1.39	1.66	1.75	35.36	32.44	31.07	21.85	21.14	20.77
2025	2.76	3.20	3.37	8.40	8.16	8.01	7.90	7.61	7.46
2035	4.25	4.78	4.98	5.04	4.98	4.92	4.79	4.69	4.63
2045	6.32	6.90	7.11	3.07	3.12	3.12	2.94	2.96	2.96
2070	12.62	13.16	13.34	1.17	1.30	1.33	1.14	1.25	1.29
2090	17.62	18.09	18.24	0.73	0.86	0.88	0.73	0.85	0.87
2120	24.48	24.89	25.01	0.50	0.61	0.63	0.52	0.62	0.65
2150	30.73	31.09	31.20	0.41	0.51	0.52	0.43	0.52	0.54
2185	37.83	38.21	38.29	0.35	0.44	0.45	0.37	0.46	0.48
2215	44.16	44.53	44.63	0.32	0.41	0.42	0.35	0.43	0.44
2235	48.94	49.44	49.66	0.30	0.39	0.40	0.33	0.41	0.42
2260	57.45	57.99	58.38	0.29	0.37	0.37	0.31	0.39	0.41
2285	71.55	71.94	70.63	0.27	0.36	0.37	0.30	0.38	0.39
2310	58.56	58.52	58.03	0.26	0.34	0.35	0.28	0.37	0.38
2345	54.21	54.24	53.92	0.24	0.33	0.34	0.28	0.36	0.37
2625	51.13	50.87	51.29	0.19	0.29	0.31	0.21	0.31	0.33
2875	53.44	53.58	52.23	0.18	0.30	0.32	0.19	0.31	0.33
3300	56.22	55.89	55.08	0.25	0.40	0.43	0.28	0.41	0.44
3625	41.29	39.80	38.95	2.91	3.43	3.66	5.75	6.58	6.95
3675	24.05	24.11	23.97	5.06	5.45	5.55	3.05	3.20	3.21
3875	12.52	12.32	12.20	1.20	1.44	1.52	1.05	1.26	1.32
3925	7.19	6.98	6.86	2.97	3.54	3.78	2.70	3.18	3.39
4000	4.02	4.50	4.71	6.28	5.81	5.54	5.69	5.29	5.06

Band Pass Filter**CBP-1880E+***Typical Performance Data*

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1780	4.58	4.54	4.52
1785	4.50	4.47	4.45
1790	4.44	4.40	4.39
1795	4.37	4.34	4.33
1800	4.31	4.28	4.27
1805	4.27	4.24	4.23
1810	4.22	4.19	4.19
1815	4.18	4.16	4.15
1820	4.15	4.13	4.12
1825	4.12	4.10	4.09
1830	4.09	4.08	4.07
1832	4.08	4.06	4.06
1834	4.07	4.06	4.05
1836	4.06	4.05	4.04
1837	4.06	4.04	4.04
1839	4.05	4.03	4.03
1841	4.04	4.03	4.02
1842	4.04	4.03	4.02
1844	4.03	4.02	4.01
1847	4.02	4.01	4.01
1848	4.02	4.01	4.00
1849	4.02	4.01	4.00
1851	4.01	4.00	4.00
1852	4.01	4.00	4.00
1855	4.01	4.00	3.99
1858	4.01	4.00	3.99
1860	4.00	4.00	3.99
1862	4.00	4.00	3.99
1864	4.01	4.00	3.99
1868	4.00	4.00	3.99
1871	4.01	4.00	3.99
1873	4.01	4.00	4.00
1875	4.01	4.00	4.00
1877	4.01	4.00	4.00
1880	4.01	4.01	4.00
1884	4.01	4.01	4.01
1888	4.02	4.02	4.01
1890	4.02	4.02	4.01
1892	4.02	4.02	4.01
1895	4.03	4.02	4.02
1898	4.04	4.03	4.03
1899	4.04	4.03	4.03
1900	4.04	4.04	4.03
1903	4.05	4.04	4.04
1904	4.05	4.05	4.04
1910	4.07	4.07	4.06
1915	4.10	4.10	4.09
1920	4.12	4.12	4.12
1925	4.15	4.15	4.14
1930	4.18	4.17	4.17
1935	4.21	4.20	4.20
1940	4.24	4.24	4.23
1945	4.28	4.27	4.27
1950	4.32	4.32	4.32
1955	4.37	4.37	4.37
1960	4.43	4.44	4.44
1965	4.51	4.52	4.52
1970	4.60	4.61	4.61
1975	4.70	4.72	4.73
1980	4.83	4.85	4.87