

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
5	98.51	103.11	103.09	0.05	0.05	0.05	0.05	0.05	0.06
20	98.53	97.18	92.78	0.05	0.05	0.06	0.05	0.05	0.06
30	95.77	95.40	92.14	0.05	0.05	0.05	0.05	0.06	0.06
50	90.34	90.98	90.52	0.05	0.05	0.06	0.06	0.07	0.07
100	83.03	84.44	84.62	0.07	0.06	0.06	0.07	0.08	0.08
150	80.36	80.91	81.39	0.07	0.07	0.07	0.06	0.08	0.09
200	78.84	78.36	78.68	0.06	0.07	0.07	0.06	0.08	0.09
250	76.38	75.74	76.34	0.05	0.07	0.07	0.04	0.07	0.08
300	75.46	75.62	74.79	0.04	0.06	0.07	0.03	0.06	0.07
350	73.68	74.50	74.46	0.03	0.06	0.07	0.02	0.05	0.07
400	72.58	72.76	72.57	0.02	0.05	0.07	0.01	0.05	0.07
450	71.60	71.41	71.47	0.01	0.04	0.07	0.00	0.04	0.06
500	71.53	70.99	71.18	0.00	0.04	0.07	0.00	0.04	0.06
600	70.98	70.62	70.41	0.01	0.04	0.08	0.02	0.03	0.06
700	69.82	69.55	69.63	0.03	0.04	0.09	0.03	0.03	0.07
800	69.36	68.97	68.76	0.04	0.04	0.10	0.04	0.03	0.09
1000	69.13	69.04	68.82	0.05	0.07	0.15	0.05	0.05	0.13
1200	71.66	71.66	71.30	0.04	0.11	0.21	0.04	0.10	0.19
1400	74.66	74.92	75.98	0.02	0.15	0.27	0.02	0.13	0.24
1600	84.74	83.74	82.43	0.02	0.19	0.30	0.01	0.17	0.27
1680	73.28	72.29	74.02	0.06	0.22	0.33	0.05	0.20	0.30
1775	31.18	30.79	30.88	0.39	0.53	0.63	0.34	0.49	0.58
1789	21.20	20.55	20.53	0.76	0.97	1.10	0.68	0.88	1.01
1801	10.90	10.09	10.02	2.22	2.89	3.26	2.09	2.74	3.07
1813	3.12	3.22	3.45	13.97	17.22	17.96	13.66	16.57	17.02
1825	1.94	2.23	2.47	17.82	18.84	19.84	17.10	17.45	17.83
1835	1.63	1.93	2.16	28.09	46.50	30.54	21.56	21.62	20.56
1845	1.48	1.80	2.03	25.63	21.45	19.67	21.80	19.36	18.09
1855	1.40	1.71	1.93	22.68	21.10	20.54	21.73	20.64	20.32
1865	1.34	1.64	1.86	25.22	25.31	25.68	25.17	26.84	29.76
1875	1.32	1.63	1.85	28.19	29.87	27.92	28.64	38.40	37.87
1885	1.34	1.64	1.86	26.88	32.20	30.80	27.49	38.36	35.48
1895	1.38	1.70	1.92	25.67	30.95	34.47	26.99	34.86	41.70
1905	1.46	1.81	2.04	30.03	29.56	30.96	35.66	31.55	32.49
1915	1.67	2.03	2.26	18.54	19.35	21.22	18.70	19.38	21.03
1925	2.02	2.44	2.70	16.23	18.92	20.45	16.35	18.79	19.84
1931	2.45	3.12	3.41	19.10	15.89	15.96	19.29	15.75	15.60
1943	8.72	10.10	10.13	2.79	2.71	3.08	2.81	2.71	3.05
1955	19.32	20.45	20.39	0.80	1.04	1.28	0.81	1.04	1.26
1971	30.98	31.90	31.88	0.39	0.64	0.85	0.40	0.64	0.82
2000	47.50	48.35	48.38	0.20	0.45	0.64	0.20	0.44	0.61
2050	81.38	79.81	78.46	0.12	0.35	0.53	0.11	0.34	0.50
2100	66.76	66.75	67.20	0.08	0.31	0.47	0.07	0.28	0.43
2150	65.51	65.86	65.70	0.06	0.29	0.44	0.05	0.26	0.40
2200	65.56	66.12	65.79	0.05	0.27	0.42	0.04	0.24	0.39
2250	66.36	66.86	67.13	0.04	0.25	0.40	0.02	0.22	0.36
2300	65.53	66.05	65.48	0.04	0.24	0.39	0.02	0.21	0.35
2350	66.20	66.05	65.64	0.03	0.23	0.37	0.01	0.20	0.33
2400	66.17	66.30	65.98	0.02	0.21	0.35	0.00	0.18	0.31
2450	66.37	67.28	65.28	0.01	0.20	0.34	0.01	0.18	0.31
2500	70.72	73.84	72.45	0.01	0.19	0.33	0.02	0.16	0.29
2550	70.76	68.60	68.50	0.00	0.19	0.32	0.03	0.15	0.28
2600	64.44	64.30	62.95	0.01	0.17	0.30	0.03	0.15	0.27
2650	65.60	64.99	67.42	0.03	0.16	0.29	0.05	0.13	0.25
2700	65.42	64.56	64.79	0.04	0.15	0.28	0.06	0.12	0.24
2750	74.23	75.34	69.84	0.05	0.13	0.26	0.07	0.10	0.23
2800	64.15	62.02	62.76	0.06	0.13	0.26	0.08	0.09	0.21
2850	67.31	65.49	62.43	0.06	0.12	0.25	0.09	0.09	0.20
2900	54.35	52.86	60.39	0.07	0.12	0.25	0.08	0.09	0.21
3000	64.46	65.05	57.70	0.09	0.09	0.23	0.11	0.06	0.17



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IF/RF MICROWAVE COMPONENTS

REV. OR
CBP4-1875Q+
220810

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1825	15.71	15.25	15.13
1827	15.04	14.68	14.59
1829	14.48	14.20	14.13
1831	14.02	13.80	13.73
1833	13.64	13.45	13.39
1835	13.32	13.16	13.10
1837	13.04	12.89	12.83
1839	12.79	12.65	12.58
1841	12.57	12.44	12.38
1843	12.36	12.24	12.17
1845	12.17	12.06	12.00
1847	12.01	11.90	11.85
1849	11.87	11.77	11.72
1851	11.74	11.66	11.62
1853	11.62	11.55	11.52
1855	11.53	11.48	11.46
1857	11.45	11.41	11.39
1859	11.38	11.35	11.33
1861	11.32	11.30	11.29
1863	11.29	11.28	11.26
1865	11.25	11.25	11.23
1867	11.22	11.23	11.21
1869	11.21	11.21	11.20
1871	11.20	11.22	11.19
1873	11.20	11.21	11.18
1875	11.21	11.22	11.20
1877	11.22	11.24	11.21
1879	11.25	11.27	11.25
1881	11.26	11.30	11.27
1883	11.31	11.35	11.32
1885	11.35	11.39	11.37
1889	11.47	11.53	11.50
1893	11.64	11.71	11.68
1897	11.86	11.94	11.90
1901	12.15	12.24	12.20
1905	12.50	12.61	12.56
1909	12.92	13.05	13.00
1913	13.42	13.60	13.56
1917	14.07	14.36	14.31
1921	15.04	15.45	15.36
1925	16.50	16.98	16.81