

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	73.33	73.65	73.32	0.00	0.00	0.00	0.00	0.00	0.00
4	61.39	61.34	61.29	0.00	0.00	0.00	0.00	0.00	0.00
5	59.48	59.44	59.37	0.00	0.00	0.00	0.00	0.00	0.00
15	49.86	49.83	49.84	0.00	0.00	0.00	0.00	0.00	0.00
45	40.35	40.34	40.31	0.00	0.00	0.01	0.00	0.00	0.01
145	30.24	30.12	30.03	0.00	0.02	0.02	0.01	0.02	0.03
430	20.30	20.39	20.48	0.08	0.11	0.12	0.10	0.13	0.14
630	16.60	16.66	16.73	0.20	0.24	0.24	0.22	0.26	0.27
780	14.26	14.30	14.34	0.31	0.36	0.36	0.33	0.38	0.39
880	12.69	12.76	12.77	0.41	0.46	0.47	0.42	0.48	0.50
1030	10.26	10.36	10.33	0.63	0.68	0.70	0.64	0.69	0.72
1130	8.51	8.58	8.52	0.88	0.94	0.96	0.89	0.94	0.98
1230	6.62	6.65	6.58	1.31	1.39	1.44	1.32	1.40	1.45
1380	3.57	3.58	3.55	2.89	3.06	3.14	2.89	3.05	3.13
1405	3.08	3.09	3.07	3.38	3.57	3.66	3.38	3.56	3.65
1410	2.98	2.99	2.97	3.49	3.68	3.77	3.49	3.67	3.76
1485	1.69	1.71	1.73	5.76	6.06	6.16	5.75	6.03	6.13
1500	1.47	1.50	1.52	6.41	6.73	6.84	6.38	6.69	6.78
1540	0.98	1.03	1.07	8.56	8.96	9.05	8.50	8.87	8.96
1580	0.63	0.71	0.75	11.63	12.09	12.19	11.46	11.89	11.96
1615	0.45	0.54	0.58	15.52	16.07	16.13	15.10	15.59	15.63
1655	0.35	0.45	0.49	23.09	23.82	23.91	21.20	21.70	21.71
1710	0.34	0.44	0.48	25.53	25.69	25.84	23.14	23.25	23.44
1745	0.38	0.48	0.52	19.71	19.98	20.07	19.13	19.36	19.48
1795	0.44	0.54	0.58	16.13	16.50	16.56	16.05	16.38	16.47
1820	0.47	0.57	0.61	15.24	15.64	15.73	15.23	15.61	15.70
1860	0.50	0.60	0.64	14.69	15.16	15.22	14.76	15.21	15.28
1900	0.49	0.59	0.64	14.84	15.40	15.48	14.94	15.50	15.57
1940	0.48	0.58	0.63	15.70	16.36	16.43	15.86	16.54	16.60
1990	0.44	0.56	0.61	17.87	18.62	18.65	18.23	19.06	19.12
2020	0.43	0.55	0.60	19.92	20.66	20.75	20.56	21.45	21.54
2080	0.43	0.57	0.63	24.96	25.49	25.58	27.69	28.45	28.56
2120	0.46	0.60	0.66	26.31	27.08	26.94	30.22	30.72	30.20
2170	0.50	0.65	0.72	27.46	28.64	28.81	29.84	29.53	28.72
2230	0.62	0.82	0.90	21.61	20.09	19.69	20.65	19.13	18.63
2255	0.77	1.01	1.10	16.09	15.02	14.68	15.56	14.48	14.17
2290	1.26	1.57	1.70	10.24	9.63	9.43	9.97	9.34	9.14
2310	1.78	2.13	2.29	7.69	7.29	7.12	7.52	7.09	6.95
2330	2.51	2.92	3.10	5.70	5.46	5.34	5.57	5.30	5.20
2335	2.73	3.15	3.33	5.29	5.08	4.97	5.16	4.92	4.83
2385	5.69	6.15	6.37	2.45	2.47	2.45	2.36	2.36	2.36
2450	10.49	10.89	11.08	1.06	1.17	1.19	1.02	1.12	1.16
2500	14.00	14.35	14.58	0.67	0.80	0.84	0.67	0.79	0.83
2550	17.49	17.80	18.01	0.49	0.61	0.66	0.47	0.59	0.63
2600	20.75	21.08	21.24	0.40	0.53	0.57	0.39	0.51	0.55
2700	25.97	26.24	26.44	0.36	0.51	0.54	0.30	0.42	0.48
2800	30.51	30.71	30.77	0.30	0.44	0.48	0.30	0.41	0.47
2900	34.60	34.71	34.40	0.29	0.42	0.46	0.25	0.37	0.43
3050	38.86	38.40	38.53	0.29	0.41	0.45	0.27	0.41	0.46
3300	38.02	38.00	37.65	0.28	0.42	0.44	0.26	0.37	0.43
3500	39.42	40.96	41.41	0.31	0.43	0.43	0.31	0.43	0.45
3600	39.30	39.32	39.82	0.29	0.41	0.42	0.30	0.41	0.45
3850	40.13	41.71	43.25	0.28	0.40	0.40	0.32	0.42	0.46
3950	39.93	40.23	40.58	0.27	0.40	0.40	0.32	0.42	0.45
4000	45.01	45.23	44.59	0.26	0.40	0.40	0.31	0.41	0.46
4200	43.52	43.33	43.68	0.24	0.38	0.39	0.26	0.38	0.42
4350	46.67	46.44	46.17	0.23	0.38	0.40	0.25	0.37	0.41
4550	47.86	49.10	49.00	0.23	0.40	0.42	0.26	0.41	0.42
4650	47.29	48.62	48.41	0.24	0.41	0.44	0.23	0.38	0.43
4700	46.23	44.89	45.46	0.25	0.42	0.46	0.23	0.38	0.44



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IF/RF MICROWAVE COMPONENTS

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1710	1.14	1.13	1.12
1720	1.14	1.12	1.12
1730	1.13	1.12	1.11
1740	1.12	1.11	1.11
1745	1.12	1.11	1.10
1750	1.12	1.10	1.10
1770	1.11	1.10	1.10
1790	1.11	1.10	1.10
1810	1.11	1.10	1.09
1830	1.11	1.10	1.09
1840	1.10	1.09	1.09
1845	1.10	1.09	1.09
1850	1.10	1.09	1.09
1860	1.11	1.10	1.10
1865	1.11	1.10	1.10
1870	1.11	1.11	1.10
1880	1.12	1.11	1.11
1890	1.13	1.12	1.12
1900	1.13	1.12	1.12
1905	1.13	1.13	1.13
1910	1.14	1.13	1.13
1920	1.15	1.14	1.14
1925	1.15	1.14	1.15
1930	1.15	1.15	1.15
1940	1.16	1.15	1.15
1945	1.16	1.16	1.16
1950	1.17	1.16	1.16
1960	1.18	1.17	1.17
1965	1.18	1.18	1.18
1970	1.19	1.18	1.18
1980	1.20	1.19	1.19
1985	1.21	1.20	1.20
1990	1.21	1.20	1.20
2000	1.22	1.21	1.21
2005	1.23	1.22	1.22
2010	1.23	1.22	1.22
2020	1.25	1.24	1.24
2025	1.25	1.24	1.25
2030	1.26	1.25	1.25
2040	1.27	1.26	1.26
2045	1.27	1.26	1.26
2050	1.27	1.27	1.27
2060	1.29	1.28	1.28
2065	1.30	1.29	1.29
2070	1.30	1.30	1.29
2080	1.32	1.31	1.31
2085	1.32	1.32	1.32
2090	1.33	1.32	1.32
2100	1.34	1.34	1.34
2105	1.35	1.35	1.34
2110	1.36	1.35	1.35
2120	1.38	1.38	1.38
2125	1.39	1.39	1.39
2130	1.40	1.40	1.40
2140	1.42	1.42	1.42
2145	1.43	1.43	1.43
2150	1.44	1.44	1.44
2160	1.46	1.46	1.46
2165	1.48	1.48	1.48
2170	1.49	1.49	1.49