

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	57.82	59.57	57.36	0.01	0.02	0.03	0.01	0.02	0.01
5.0	72.77	72.23	77.68	0.01	0.01	0.00	0.00	0.00	0.00
10.0	84.78	78.42	83.70	0.00	0.00	0.00	0.00	0.00	0.00
50.0	99.48	94.12	82.60	0.01	0.01	0.01	0.00	0.01	0.01
100.0	104.32	91.24	99.79	0.00	0.01	0.01	0.01	0.01	0.01
200.0	90.70	93.30	93.21	0.01	0.02	0.03	0.02	0.03	0.04
300.0	85.15	86.28	85.33	0.03	0.04	0.06	0.04	0.06	0.07
400.0	77.86	79.34	78.38	0.05	0.07	0.09	0.07	0.09	0.11
500.0	72.79	72.86	73.24	0.08	0.12	0.13	0.11	0.14	0.16
600.0	69.51	70.08	70.01	0.12	0.16	0.18	0.16	0.19	0.21
700.0	69.09	69.27	69.39	0.16	0.21	0.23	0.20	0.24	0.26
800.0	69.90	68.90	69.50	0.21	0.25	0.28	0.25	0.29	0.31
900.0	46.80	46.65	46.40	0.25	0.30	0.33	0.28	0.33	0.36
1000.0	28.85	28.73	28.39	0.31	0.37	0.42	0.32	0.38	0.43
1100.0	9.43	9.29	8.96	1.04	1.22	1.41	1.02	1.19	1.37
1160.0	1.42	1.50	1.53	8.26	8.87	9.49	8.21	8.80	9.41
1180.0	0.79	0.90	0.98	13.42	14.21	14.90	13.39	14.17	14.87
1200.0	0.57	0.69	0.78	19.18	20.14	20.92	19.29	20.30	21.16
1215.0	0.50	0.63	0.72	23.38	24.40	25.30	23.93	25.13	26.30
1220.0	0.49	0.62	0.71	24.68	25.70	26.64	25.47	26.74	28.05
1230.0	0.47	0.59	0.69	26.93	27.89	28.92	28.40	29.73	31.37
1240.0	0.45	0.58	0.67	28.58	29.46	30.53	30.73	31.94	33.70
1250.0	0.44	0.57	0.66	29.57	30.39	31.39	31.86	32.67	34.06
1260.0	0.44	0.55	0.65	30.04	30.77	31.60	31.72	32.18	33.09
1270.0	0.43	0.55	0.64	30.30	30.92	31.55	31.07	31.38	31.97
1280.0	0.42	0.54	0.63	30.36	30.87	31.27	30.34	30.68	31.02
1290.0	0.42	0.54	0.63	30.61	31.10	31.24	29.69	30.13	30.24
1300.0	0.41	0.53	0.62	30.88	31.46	31.19	29.12	29.66	29.57
1305.0	0.41	0.53	0.62	31.06	31.68	31.22	28.89	29.45	29.31
1307.0	0.41	0.53	0.62	31.12	31.75	31.21	28.81	29.39	29.21
1307.5	0.41	0.53	0.62	31.14	31.77	31.21	28.80	29.37	29.19
1310.0	0.41	0.53	0.62	31.21	31.85	31.20	28.70	29.29	29.07
1320.0	0.41	0.53	0.62	31.71	32.25	31.33	28.49	29.05	28.77
1330.0	0.41	0.52	0.61	32.40	32.74	31.64	28.46	28.96	28.66
1340.0	0.40	0.52	0.61	33.34	33.51	32.35	28.61	29.07	28.79
1350.0	0.40	0.52	0.61	34.69	34.88	33.65	28.90	29.33	29.09
1360.0	0.40	0.52	0.61	36.56	36.96	35.82	29.27	29.68	29.51
1370.0	0.40	0.52	0.62	37.87	38.33	37.73	29.54	29.85	29.67
1380.0	0.40	0.53	0.62	35.31	35.10	34.71	29.16	29.21	28.85
1390.0	0.40	0.53	0.63	30.67	30.12	29.49	27.62	27.30	26.70
1400.0	0.41	0.54	0.64	26.51	25.82	25.12	25.15	24.57	23.84
1500.0	2.21	2.50	2.80	5.03	4.89	4.70	5.06	4.92	4.72
1600.0	10.35	10.58	10.89	0.74	0.82	0.87	0.79	0.88	0.92
1650.0	14.79	14.96	15.21	0.43	0.52	0.56	0.48	0.57	0.62
1700.0	18.94	19.09	19.29	0.33	0.40	0.45	0.38	0.45	0.50
1750.0	22.87	23.01	23.19	0.29	0.36	0.40	0.33	0.40	0.45
1800.0	26.81	26.96	27.11	0.28	0.34	0.38	0.32	0.39	0.43
1805.0	27.21	27.36	27.52	0.28	0.34	0.38	0.32	0.39	0.43
1810.0	27.62	27.75	27.92	0.28	0.34	0.39	0.31	0.38	0.42
1815.0	28.04	28.16	28.33	0.28	0.34	0.38	0.31	0.38	0.42
1820.0	28.44	28.57	28.76	0.28	0.34	0.38	0.31	0.38	0.42
1840.0	30.07	30.19	30.36	0.27	0.33	0.38	0.31	0.37	0.41
1860.0	31.77	31.88	32.05	0.27	0.33	0.37	0.30	0.36	0.40
1880.0	33.52	33.64	33.82	0.27	0.33	0.37	0.29	0.36	0.40
1900.0	35.38	35.51	35.68	0.27	0.32	0.36	0.29	0.35	0.39
1920.0	37.32	37.45	37.65	0.26	0.32	0.36	0.28	0.35	0.39
1940.0	39.37	39.51	39.74	0.26	0.32	0.36	0.28	0.35	0.39
1960.0	41.77	41.88	42.15	0.26	0.31	0.36	0.28	0.34	0.38
1980.0	44.32	44.44	44.75	0.26	0.31	0.36	0.28	0.34	0.38
2000.0	47.41	47.48	47.85	0.25	0.31	0.35	0.27	0.34	0.38
2100.0	53.11	53.36	52.63	0.25	0.31	0.36	0.26	0.32	0.37
2200.0	48.07	48.25	48.57	0.24	0.30	0.36	0.24	0.32	0.37
2300.0	48.23	48.46	48.69	0.23	0.31	0.38	0.24	0.31	0.38
2400.0	66.99	69.30	69.43	0.24	0.33	0.41	0.24	0.32	0.39
2500.0	63.53	62.73	62.67	0.27	0.36	0.45	0.27	0.37	0.44
2600.0	36.85	36.84	36.49	0.40	0.52	0.63	0.38	0.48	0.58
2700.0	18.59	18.43	18.09	1.16	1.41	1.66	1.06	1.30	1.52
2800.0	11.27	11.35	11.29	1.85	2.03	2.18	2.05	2.23	2.35
2900.0	5.74	5.93	5.97	2.25	2.38	2.56	2.21	2.33	2.50
3000.0	2.54	2.56	2.55	5.40	5.89	6.50	5.30	5.80	6.36



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IF/RF MICROWAVE COMPONENTS

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1160.0	4.72	4.67	4.60
1165.0	4.61	4.55	4.48
1170.0	4.47	4.41	4.34
1175.0	4.33	4.27	4.20
1180.0	4.19	4.13	4.06
1185.0	4.05	3.99	3.93
1190.0	3.91	3.86	3.80
1195.0	3.79	3.73	3.69
1200.0	3.67	3.62	3.58
1205.0	3.56	3.52	3.48
1210.0	3.47	3.43	3.39
1215.0	3.38	3.34	3.31
1220.0	3.30	3.27	3.24
1225.0	3.23	3.19	3.17
1230.0	3.17	3.14	3.11
1235.0	3.11	3.07	3.05
1240.0	3.05	3.02	3.00
1245.0	2.99	2.97	2.95
1250.0	2.95	2.92	2.90
1255.0	2.90	2.87	2.86
1260.0	2.86	2.84	2.83
1265.0	2.83	2.80	2.79
1270.0	2.80	2.77	2.76
1275.0	2.76	2.74	2.73
1280.0	2.73	2.71	2.70
1285.0	2.70	2.68	2.67
1290.0	2.68	2.66	2.65
1295.0	2.65	2.64	2.63
1300.0	2.63	2.61	2.60
1305.0	2.61	2.60	2.59
1307.0	2.60	2.59	2.59
1307.5	2.60	2.59	2.59
1310.0	2.59	2.58	2.58
1315.0	2.58	2.56	2.56
1320.0	2.56	2.55	2.54
1325.0	2.55	2.54	2.53
1330.0	2.54	2.52	2.52
1335.0	2.52	2.51	2.50
1340.0	2.51	2.50	2.50
1345.0	2.50	2.49	2.49
1350.0	2.49	2.48	2.48
1355.0	2.49	2.49	2.48
1360.0	2.49	2.48	2.48
1365.0	2.49	2.48	2.48
1370.0	2.49	2.49	2.49
1375.0	2.49	2.49	2.49
1380.0	2.50	2.49	2.49
1385.0	2.50	2.50	2.50
1390.0	2.51	2.49	2.51
1395.0	2.52	2.50	2.51
1400.0	2.53	2.52	2.53
1405.0	2.54	2.53	2.55
1410.0	2.56	2.56	2.57
1415.0	2.58	2.58	2.59
1420.0	2.60	2.61	2.62
1425.0	2.63	2.64	2.65
1430.0	2.66	2.66	2.67
1435.0	2.68	2.69	2.70
1440.0	2.71	2.72	2.73
1445.0	2.74	2.73	2.75

