

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	105.06	92.72	103.32	0.00	0.00	0.00	0.00	0.00	0.00
5	100.25	96.47	97.13	0.00	0.00	0.00	0.01	0.01	0.00
10	97.77	99.09	97.88	0.02	0.01	0.00	0.00	0.01	0.00
15	98.14	94.38	100.88	0.01	0.01	0.02	0.00	0.00	0.01
25	91.17	100.51	81.82	0.01	0.01	0.01	0.01	0.01	0.01
30	91.03	88.66	81.91	0.01	0.02	0.01	0.01	0.02	0.02
35	86.07	85.18	93.70	0.02	0.03	0.02	0.02	0.02	0.03
40	90.80	80.58	90.46	0.02	0.03	0.03	0.03	0.04	0.04
45	76.22	78.54	78.87	0.04	0.05	0.05	0.04	0.05	0.06
50	68.96	69.25	69.39	0.05	0.06	0.07	0.05	0.06	0.07
55	62.52	62.12	62.89	0.06	0.08	0.08	0.07	0.08	0.09
60	56.53	56.35	56.73	0.08	0.10	0.11	0.09	0.11	0.12
65	50.94	50.82	50.86	0.10	0.12	0.13	0.11	0.14	0.15
70	45.84	45.69	45.40	0.14	0.16	0.17	0.15	0.17	0.19
75	40.80	40.67	40.50	0.17	0.20	0.22	0.19	0.22	0.24
80	36.13	35.91	35.76	0.22	0.25	0.28	0.24	0.28	0.31
85	31.51	31.34	31.21	0.27	0.32	0.35	0.31	0.35	0.38
90	27.05	26.94	26.80	0.35	0.41	0.44	0.40	0.45	0.50
95	22.71	22.62	22.49	0.47	0.54	0.58	0.52	0.60	0.65
100	18.44	18.41	18.31	0.65	0.73	0.79	0.72	0.81	0.87
105	14.32	14.32	14.25	0.95	1.05	1.13	1.04	1.15	1.24
110	10.42	10.47	10.43	1.52	1.65	1.76	1.65	1.79	1.92
115	6.95	7.05	7.06	2.62	2.78	2.94	2.80	2.99	3.15
120	4.26	4.38	4.44	4.61	4.82	5.02	4.89	5.14	5.34
122	3.45	3.58	3.64	5.72	5.96	6.17	6.03	6.32	6.54
125	2.54	2.67	2.75	7.73	8.03	8.26	8.13	8.47	8.74
130	1.62	1.74	1.82	11.84	12.28	12.58	12.39	12.95	13.32
135	1.16	1.28	1.36	16.57	17.32	17.75	17.19	18.21	18.80
140	0.95	1.05	1.12	21.49	22.84	23.54	21.64	23.29	24.28
145	0.82	0.92	0.99	26.20	28.44	29.55	24.70	26.50	27.43
150	0.74	0.83	0.89	30.00	33.74	35.42	26.32	27.79	28.31
155	0.67	0.75	0.81	31.92	37.76	42.27	27.09	28.50	28.93
165	0.58	0.66	0.71	29.70	32.31	35.49	27.19	28.51	29.53
200	0.41	0.47	0.50	24.83	23.53	23.60	24.63	23.38	23.47
250	0.29	0.35	0.37	31.25	27.27	25.27	28.97	26.31	24.67
300	0.23	0.28	0.30	46.11	49.94	37.26	33.13	32.86	31.84
350	0.20	0.25	0.27	30.73	29.27	30.56	29.50	28.07	29.24
400	0.19	0.24	0.26	26.19	24.59	24.21	25.91	24.29	23.96
500	0.19	0.24	0.27	22.05	20.94	19.89	22.02	20.88	19.80
600	0.18	0.25	0.29	20.46	19.30	18.29	20.41	19.23	18.19
700	0.20	0.27	0.31	19.36	18.32	17.27	19.27	18.24	17.18
800	0.21	0.28	0.34	18.53	17.65	16.55	18.42	17.56	16.47
900	0.21	0.30	0.36	18.15	17.17	16.06	17.99	17.06	15.97
1000	0.22	0.32	0.39	18.01	16.79	15.75	17.83	16.69	15.66
1100	0.23	0.34	0.40	17.87	16.51	15.54	17.67	16.38	15.45
1200	0.24	0.35	0.41	17.62	16.30	15.41	17.48	16.21	15.35
1300	0.25	0.37	0.43	17.42	16.16	15.33	17.34	16.12	15.29
1400	0.25	0.37	0.44	17.34	16.11	15.31	17.30	16.10	15.33
1500	0.26	0.39	0.46	17.33	16.11	15.39	17.37	16.15	15.43
1600	0.26	0.39	0.47	17.34	16.21	15.53	17.42	16.30	15.62
1700	0.27	0.39	0.48	17.33	16.39	15.74	17.41	16.50	15.84
1800	0.27	0.40	0.48	17.45	16.66	16.01	17.60	16.80	16.13
1900	0.27	0.41	0.49	17.96	17.05	16.41	18.14	17.21	16.54
2000	0.27	0.42	0.50	18.60	17.54	16.94	18.79	17.69	17.03
2200	0.26	0.41	0.50	20.00	18.93	18.43	20.06	18.91	18.33
2400	0.27	0.43	0.52	21.96	20.77	20.59	21.75	20.50	20.11
2500	0.27	0.43	0.52	23.01	21.97	22.05	22.54	21.41	21.18
2600	0.28	0.44	0.54	23.88	23.28	23.72	23.10	22.28	22.34
2800	0.30	0.46	0.56	24.01	25.48	26.87	22.91	23.67	24.13
3000	0.32	0.50	0.62	23.48	25.03	25.39	22.31	23.34	23.39



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IF/RF MICROWAVE COMPONENTS

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nS)		
	@-40°C	@+25°C	@+85°C
200	3.33	3.31	3.32
201	3.39	3.37	3.35
202	3.34	3.32	3.31
203	3.27	3.27	3.26
204	3.21	3.20	3.19
205	3.15	3.12	3.11
210	3.06	3.04	3.03
215	2.97	2.95	2.93
220	2.85	2.84	2.83
225	2.75	2.74	2.72
230	2.54	2.53	2.52
235	2.43	2.42	2.41
240	2.33	2.31	2.31
245	2.23	2.22	2.21
250	2.15	2.13	2.12
255	2.06	2.05	2.04
260	1.98	1.97	1.96
265	1.91	1.90	1.89
270	1.84	1.83	1.82
275	1.78	1.77	1.76
280	1.72	1.71	1.70
285	1.66	1.65	1.65
290	1.61	1.60	1.59
295	1.56	1.55	1.55
300	1.51	1.51	1.50
310	1.43	1.42	1.41
320	1.35	1.34	1.34
330	1.28	1.27	1.27
340	1.21	1.21	1.20
350	1.16	1.15	1.15
360	1.11	1.09	1.10
370	1.06	1.05	1.05
380	1.01	1.01	1.00
390	0.98	0.97	0.96
400	0.94	0.92	0.92
500	0.68	0.67	0.67
600	0.55	0.54	0.54
700	0.46	0.46	0.45
800	0.42	0.41	0.40
900	0.38	0.37	0.37
1000	0.36	0.35	0.34
1100	0.34	0.33	0.33
1200	0.33	0.32	0.31
1300	0.31	0.31	0.30
1500	0.30	0.29	0.28
1600	0.28	0.27	0.27
1700	0.29	0.28	0.27
1800	0.28	0.27	0.27
1900	0.29	0.28	0.27
2000	0.28	0.27	0.27
2100	0.28	0.27	0.27
2200	0.28	0.27	0.26
2300	0.28	0.26	0.26
2400	0.28	0.27	0.26
2500	0.28	0.27	0.26
2600	0.28	0.26	0.26
2700	0.28	0.27	0.27
2800	0.28	0.27	0.27
2900	0.27	0.26	0.26
3000	0.26	0.25	0.26