

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
0.5	91.75	97.05	100.22	0.01	0.01	0.02	0.01	0.01	0.01
1.0	115.00	108.44	96.56	0.01	0.01	0.01	0.01	0.01	0.01
2.0	110.77	98.17	97.41	0.01	0.01	0.01	0.01	0.01	0.01
4.0	100.29	109.28	104.63	0.00	0.00	0.01	0.00	0.01	0.01
5.0	97.04	102.13	111.03	0.01	0.01	0.01	0.00	0.01	0.01
6.0	97.68	92.80	98.39	0.01	0.01	0.01	0.00	0.00	0.01
8.0	83.97	85.23	84.96	0.01	0.01	0.02	0.01	0.01	0.02
10.0	71.31	71.96	72.02	0.01	0.02	0.02	0.03	0.02	0.03
11.0	66.22	66.10	65.95	0.03	0.03	0.04	0.02	0.03	0.03
12.0	60.96	60.75	60.76	0.04	0.04	0.04	0.02	0.02	0.03
13.0	55.53	55.45	55.41	0.04	0.05	0.05	0.03	0.03	0.04
14.0	50.38	50.25	50.15	0.05	0.05	0.06	0.04	0.05	0.06
15.0	45.11	45.00	44.86	0.07	0.07	0.08	0.05	0.06	0.07
16.0	39.77	39.58	39.44	0.08	0.08	0.10	0.06	0.07	0.09
17.0	34.12	33.97	33.80	0.11	0.12	0.14	0.09	0.11	0.12
18.0	28.16	28.00	27.82	0.16	0.18	0.21	0.13	0.16	0.18
20.0	14.73	14.55	14.36	0.63	0.70	0.78	0.50	0.56	0.63
22.0	2.33	2.35	2.40	7.68	8.05	8.39	6.69	6.96	7.21
24.0	0.74	0.80	0.87	19.59	19.22	18.78	21.44	21.51	21.33
25.0	0.68	0.73	0.80	18.44	18.21	17.88	20.35	20.28	20.05
26.0	0.69	0.72	0.78	15.97	16.10	16.15	16.51	16.71	16.88
26.5	0.69	0.72	0.77	15.48	15.74	15.96	15.78	16.10	16.36
27.0	0.67	0.70	0.74	15.56	15.94	16.30	15.70	16.11	16.54
27.5	0.64	0.67	0.71	16.21	16.71	17.23	16.23	16.77	17.33
28.0	0.61	0.63	0.68	17.46	18.14	18.83	17.34	18.06	18.79
28.5	0.58	0.60	0.65	19.36	20.26	21.17	19.09	20.05	20.99
29.0	0.56	0.58	0.64	21.89	23.03	24.17	21.41	22.64	23.87
29.5	0.54	0.58	0.63	24.56	25.53	26.39	23.86	25.14	26.36
30.0	0.54	0.58	0.64	25.29	25.30	25.30	24.81	25.45	25.90
30.5	0.56	0.59	0.65	23.65	23.20	23.01	23.69	23.72	23.83
31.0	0.56	0.61	0.66	21.82	21.39	21.29	22.15	22.07	22.20
31.5	0.58	0.63	0.68	20.65	20.37	20.41	21.12	21.11	21.38
32.0	0.59	0.64	0.69	20.21	20.03	20.19	20.78	20.89	21.35
32.5	0.60	0.65	0.71	20.44	20.37	20.67	21.17	21.44	22.14
33.0	0.61	0.66	0.71	21.42	21.41	21.81	22.35	22.84	23.90
33.5	0.62	0.67	0.73	23.19	23.23	23.62	24.59	25.44	27.06
34.0	0.62	0.67	0.74	25.83	25.80	25.70	28.38	29.85	32.02
35.0	0.67	0.73	0.81	27.77	27.16	25.21	31.92	30.92	28.15
36.0	0.76	0.82	0.91	22.65	22.69	21.99	25.67	25.42	24.61
37.0	0.93	1.01	1.10	17.77	17.71	17.75	21.52	21.34	21.96
38.0	1.44	1.58	1.73	10.95	10.58	10.44	12.61	12.13	12.07
39.0	3.01	3.27	3.54	5.40	5.13	5.01	6.12	5.82	5.72
40.0	5.99	6.37	6.72	2.43	2.33	2.30	2.81	2.70	2.68
41.0	9.76	10.17	10.55	1.19	1.17	1.19	1.42	1.40	1.43
42.0	13.56	13.97	14.33	0.69	0.71	0.74	0.85	0.86	0.90
43.0	17.14	17.51	17.85	0.46	0.49	0.52	0.58	0.60	0.64
44.0	20.43	20.78	21.06	0.35	0.38	0.41	0.44	0.46	0.49
45.0	23.43	23.76	24.03	0.28	0.31	0.34	0.35	0.37	0.41
48.0	31.17	31.42	31.62	0.19	0.22	0.23	0.23	0.25	0.28
50.0	35.47	35.71	35.88	0.16	0.18	0.20	0.19	0.20	0.23
55.0	44.40	44.58	44.73	0.12	0.14	0.15	0.13	0.15	0.18
60.0	51.37	51.61	51.80	0.10	0.11	0.13	0.11	0.13	0.15
80.0	69.72	70.05	70.79	0.08	0.09	0.10	0.06	0.09	0.11
100.0	79.39	78.80	79.26	0.07	0.08	0.09	0.05	0.08	0.11
200.0	84.66	91.66	84.23	0.07	0.10	0.12	0.05	0.09	0.12
400.0	90.41	88.85	87.24	0.08	0.13	0.16	0.08	0.14	0.19
500.0	95.18	84.19	87.46	0.09	0.14	0.18	0.09	0.17	0.22
600.0	87.06	89.67	83.21	0.10	0.17	0.21	0.11	0.20	0.27
800.0	78.13	76.07	78.77	0.14	0.23	0.30	0.16	0.28	0.36
1000.0	72.52	70.93	70.65	0.25	0.38	0.49	0.25	0.40	0.52
1200.0	65.22	65.18	65.41	1.22	1.53	1.63	0.52	0.76	0.96
1300.0	64.16	66.56	68.02	1.44	1.29	1.26	1.05	1.17	1.23
1400.0	66.03	65.06	64.70	0.77	0.88	1.01	0.85	1.04	1.25
1500.0	50.89	50.59	52.63	0.71	0.92	1.12	0.84	1.19	1.55
1600.0	61.40	59.68	58.75	0.83	1.12	1.42	1.11	1.67	2.23



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IF/RF MICROWAVE COMPONENTS

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
24.0	104.05	103.45	102.91
24.5	95.68	95.24	94.74
25.0	89.15	88.77	88.41
25.5	83.78	83.53	83.22
26.0	79.42	79.32	79.13
26.5	75.84	75.83	75.75
27.0	73.24	73.37	73.36
27.5	71.24	71.35	71.43
28.0	69.74	69.90	69.93
28.5	68.56	68.68	68.78
29.0	67.66	67.70	67.70
29.5	66.63	66.71	66.71
30.0	65.78	65.78	65.76
30.5	64.87	64.89	64.79
31.0	64.04	64.18	64.03
31.5	63.70	63.71	63.73
32.0	63.54	63.62	63.66
32.5	63.59	63.77	63.95
33.0	64.07	64.17	64.46
33.5	64.74	64.99	65.15
34.0	65.83	66.02	66.23
34.5	66.96	67.26	67.43
35.0	68.42	68.77	68.96