

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	99.71	95.77	109.85	0.00	0.01	0.01	0.00	0.00	0.00
16.0	55.74	55.60	55.65	0.04	0.05	0.05	0.00	0.00	0.00
54.0	43.42	41.49	40.44	0.46	0.54	0.58	0.29	0.33	0.37
55.0	33.32	32.07	31.39	0.59	0.69	0.75	0.39	0.45	0.50
55.2	31.90	30.71	30.06	0.66	0.77	0.83	0.45	0.51	0.56
56.4	21.38	20.85	20.57	1.30	1.47	1.59	0.99	1.10	1.19
56.5	20.94	20.42	20.15	1.46	1.65	1.77	1.13	1.25	1.34
58.0	12.07	11.69	11.52	1.61	1.85	2.02	1.22	1.37	1.50
60.0	4.20	4.09	4.10	5.71	6.35	6.74	4.81	5.25	5.55
60.9	2.46	2.46	2.54	9.87	10.74	11.20	8.47	9.05	9.37
61.1	2.22	2.24	2.32	10.96	11.86	12.32	9.43	10.02	10.34
61.9	1.60	1.66	1.75	15.31	16.14	16.48	13.43	14.02	14.29
62.1	1.51	1.58	1.67	16.25	16.99	17.26	14.40	14.98	15.23
63.0	1.24	1.33	1.42	18.94	19.07	18.99	18.33	18.80	18.96
64.0	1.10	1.19	1.27	19.80	19.54	19.23	21.67	21.96	21.96
65.0	1.03	1.12	1.20	19.54	19.20	18.81	22.64	22.70	22.44
69.0	1.01	1.10	1.17	15.88	15.99	16.07	16.51	16.77	16.89
70.0	1.01	1.10	1.17	16.39	16.57	16.74	17.00	17.37	17.60
72.0	1.01	1.11	1.19	20.06	20.12	20.40	21.92	22.71	23.47
74.0	1.09	1.21	1.30	22.90	21.89	21.47	31.11	29.36	28.79
75.0	1.18	1.31	1.41	20.94	20.27	19.86	23.55	22.86	22.40
76.1	1.32	1.46	1.57	20.23	20.03	19.78	20.58	20.21	19.87
76.5	1.37	1.52	1.64	20.86	20.87	20.69	20.33	19.95	19.59
77.1	1.48	1.64	1.78	23.60	24.16	24.16	20.52	19.92	19.45
78.0	1.73	1.93	2.09	35.26	32.16	31.14	19.45	18.12	17.50
80.0	3.77	4.18	4.46	7.81	7.52	7.46	7.40	7.00	6.89
82.0	9.74	10.28	10.60	2.27	2.30	2.34	2.33	2.32	2.38
84.6	20.07	20.51	20.75	0.88	0.94	0.98	0.99	1.04	1.10
84.7	20.21	20.64	20.88	0.87	0.94	0.97	0.98	1.04	1.09
87.0	39.64	40.33	40.41	0.39	0.44	0.45	0.49	0.54	0.59
115.0	39.66	39.88	39.88	0.10	0.12	0.12	0.14	0.17	0.17
200.0	60.60	60.91	61.02	0.10	0.13	0.11	0.12	0.13	0.13
335.0	74.84	73.39	74.35	0.13	0.17	0.15	0.14	0.16	0.15
340.0	72.09	73.36	72.67	0.13	0.17	0.15	0.14	0.16	0.15
425.0	72.54	73.60	72.22	0.14	0.18	0.17	0.14	0.17	0.17
450.0	71.32	72.62	72.11	0.14	0.19	0.17	0.14	0.17	0.17
465.0	72.15	71.82	71.88	0.14	0.19	0.18	0.14	0.18	0.18
545.0	81.28	76.12	79.65	0.22	0.28	0.28	0.15	0.19	0.19
600.0	51.73	51.80	52.28	1.51	1.50	1.42	0.15	0.19	0.19
685.0	60.94	59.85	60.58	0.16	0.22	0.21	0.15	0.20	0.20
805.0	65.86	60.21	62.24	0.15	0.20	0.20	0.16	0.20	0.21
815.0	55.81	60.23	56.47	0.15	0.20	0.20	0.16	0.20	0.21
1000.0	56.73	58.79	56.82	0.14	0.20	0.20	0.15	0.21	0.21
1125.0	65.35	58.33	64.96	0.14	0.21	0.21	0.15	0.21	0.21
1150.0	55.34	58.52	54.40	0.14	0.22	0.23	0.15	0.21	0.21
1275.0	64.09	58.33	63.29	0.26	0.36	0.38	0.14	0.21	0.22
1325.0	57.94	55.92	58.65	0.51	0.58	0.57	0.14	0.21	0.21
1475.0	59.62	58.65	62.68	0.17	0.27	0.29	0.14	0.23	0.23
1550.0	49.20	57.28	49.22	0.26	0.36	0.39	0.15	0.24	0.25
1625.0	60.37	66.85	63.03	0.19	0.31	0.32	0.15	0.26	0.27
1725.0	59.73	53.99	53.29	0.21	0.34	0.36	0.17	0.29	0.30
2050.0	37.20	38.17	38.54	0.50	0.71	0.72	0.40	0.52	0.51
2125.0	36.62	37.60	38.07	1.28	1.56	1.64	0.41	0.53	0.51
2225.0	40.10	40.83	41.17	0.97	1.15	1.13	0.38	0.52	0.50
2400.0	38.64	39.37	39.70	0.47	0.69	0.69	0.39	0.54	0.54
2550.0	37.96	38.79	39.00	0.88	1.15	1.17	0.42	0.58	0.58
2675.0	43.35	43.54	43.84	0.55	0.80	0.81	0.48	0.64	0.67
3000.0	41.64	41.81	41.57	0.78	1.06	1.16	0.81	1.07	1.10
3125.0	41.83	41.97	41.96	1.08	1.39	1.52	2.23	2.60	2.71
3200.0	43.55	43.44	43.08	1.09	1.44	1.60	1.83	2.09	2.09



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IF/RF MICROWAVE COMPONENTS

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
61.9	69.76	68.46	67.49
62.1	67.45	66.18	65.31
62.3	65.22	64.05	63.25
62.5	63.09	62.00	61.25
63.0	58.37	57.47	56.89
63.5	54.49	53.76	53.31
64.0	51.38	50.81	50.43
64.5	48.87	48.38	48.07
65.0	46.77	46.38	46.12
65.5	45.02	44.69	44.46
66.0	43.54	43.26	43.05
66.5	42.24	42.03	41.87
67.0	41.13	40.98	40.83
67.5	40.23	40.11	40.01
68.0	39.47	39.39	39.32
68.5	38.87	38.86	38.81
69.0	38.50	38.51	38.49
69.5	38.26	38.28	38.29
70.0	38.16	38.23	38.27
70.5	38.25	38.33	38.36
71.0	38.44	38.54	38.60
71.5	38.75	38.87	38.93
72.0	39.19	39.31	39.37
72.5	39.69	39.81	39.86
73.0	40.25	40.41	40.45
73.5	40.93	41.07	41.12
74.0	41.71	41.87	41.92
74.5	42.60	42.78	42.85
75.0	43.65	43.91	44.01
75.1	43.93	44.20	44.28
75.3	44.44	44.74	44.84
75.5	45.01	45.35	45.46
75.7	45.65	46.02	46.16
75.8	46.00	46.38	46.52
76.1	47.13	47.57	47.73
76.3	48.03	48.49	48.68
76.5	48.96	49.48	49.68