

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	80.14	81.29	79.33	0.00	0.00	0.00	0.00	0.00	0.00
1	69.26	69.17	69.70	0.00	0.00	0.00	0.00	0.00	0.00
7	53.91	53.88	53.93	0.00	0.00	0.00	0.00	0.00	0.00
14	53.04	53.02	53.05	0.01	0.01	0.01	0.01	0.01	0.01
21	81.12	84.59	81.34	0.02	0.02	0.02	0.02	0.02	0.02
25	55.90	55.94	55.95	0.03	0.03	0.04	0.03	0.04	0.04
33	77.71	77.57	76.01	0.08	0.09	0.09	0.08	0.09	0.10
36	50.00	50.00	49.92	0.11	0.13	0.14	0.11	0.13	0.15
38	47.62	47.84	47.98	0.15	0.16	0.18	0.16	0.18	0.20
40	56.08	53.90	52.03	0.20	0.22	0.24	0.22	0.25	0.28
42	31.35	30.84	30.37	0.28	0.31	0.34	0.33	0.37	0.42
44	18.79	18.44	18.13	0.49	0.54	0.60	0.61	0.68	0.77
46	8.63	8.41	8.23	1.53	1.67	1.83	1.82	2.00	2.21
48	2.35	2.33	2.34	6.65	7.01	7.39	7.60	8.10	8.63
49	1.27	1.30	1.36	11.19	11.60	12.05	12.92	13.60	14.37
51	0.72	0.76	0.82	16.82	16.98	17.29	18.01	18.28	18.76
54	0.49	0.53	0.58	22.40	22.11	22.09	22.17	22.02	22.21
57	0.38	0.41	0.45	35.60	34.98	33.25	38.54	42.74	48.02
65	0.33	0.35	0.37	18.37	18.94	19.41	18.49	19.10	19.59
72	0.29	0.30	0.32	18.97	19.46	19.93	18.87	19.37	19.84
80	0.23	0.25	0.27	23.29	23.68	24.18	22.61	22.98	23.47
88	0.20	0.22	0.24	31.64	31.85	32.94	27.80	28.01	28.66
90	0.20	0.21	0.24	33.47	34.03	35.83	28.43	28.75	29.49
100	0.20	0.21	0.23	26.50	27.93	29.07	24.97	26.01	26.86
105	0.20	0.21	0.23	23.86	25.16	26.09	23.01	24.11	24.91
135	0.23	0.23	0.24	18.96	20.02	20.82	18.80	19.82	20.57
150	0.23	0.23	0.24	18.84	19.74	20.52	18.67	19.56	20.29
175	0.21	0.22	0.24	19.40	19.93	20.46	19.35	19.85	20.28
200	0.20	0.22	0.24	20.72	20.68	20.87	20.71	20.64	20.71
225	0.19	0.21	0.23	22.81	21.95	21.84	22.79	21.90	21.66
250	0.18	0.20	0.23	25.29	23.43	22.88	25.18	23.35	22.68
275	0.18	0.20	0.23	27.98	25.09	24.00	27.63	24.92	23.76
300	0.17	0.20	0.23	31.42	27.15	25.57	30.67	26.87	25.32
325	0.18	0.21	0.24	36.14	29.63	27.38	34.26	29.15	27.16
350	0.17	0.21	0.24	42.39	32.45	29.14	38.15	31.74	29.00
365	0.18	0.21	0.24	49.27	34.79	30.46	40.64	33.67	30.17
400	0.18	0.21	0.24	38.54	44.86	34.75	38.18	40.22	34.78
410	0.18	0.21	0.25	36.26	48.91	36.14	36.38	41.37	36.20
445	0.19	0.22	0.25	31.74	40.18	41.28	31.93	38.57	41.05
455	0.19	0.23	0.26	30.72	37.79	42.53	30.86	36.89	42.72
475	0.19	0.23	0.26	28.91	34.33	41.74	29.00	34.13	43.90
500	0.20	0.23	0.27	27.42	31.79	38.68	27.45	31.86	40.56
525	0.20	0.24	0.27	26.28	29.89	36.34	26.28	30.07	37.78
550	0.21	0.25	0.28	25.15	28.13	33.36	25.13	28.41	34.91
570	0.21	0.26	0.29	24.41	26.99	31.35	24.42	27.36	32.91
585	0.22	0.26	0.29	24.08	26.41	30.47	24.05	26.76	31.94
600	0.22	0.26	0.29	23.76	25.86	29.70	23.75	26.24	31.17
625	0.23	0.27	0.30	23.19	24.93	28.22	23.18	25.28	29.52
650	0.23	0.28	0.31	22.62	24.06	26.68	22.63	24.44	27.85
675	0.24	0.29	0.32	22.26	23.47	25.77	22.34	23.90	26.93
700	0.24	0.30	0.33	21.87	22.91	24.94	21.97	23.32	26.00
725	0.25	0.31	0.34	21.38	22.29	23.96	21.54	22.75	24.97
750	0.26	0.32	0.35	21.02	21.84	23.31	21.21	22.31	24.31
775	0.27	0.33	0.36	20.68	21.45	22.86	20.94	21.99	23.91
800	0.27	0.34	0.37	20.20	21.02	22.19	20.47	21.58	23.21
850	0.28	0.35	0.39	19.57	20.36	21.41	19.88	20.98	22.53
875	0.30	0.36	0.40	19.20	20.03	20.97	19.51	20.67	22.10
900	0.31	0.38	0.42	18.79	19.67	20.43	19.14	20.37	21.64
975	0.33	0.40	0.45	17.99	18.95	19.42	18.42	19.78	20.75
1000	0.33	0.41	0.46	17.77	18.73	19.12	18.24	19.60	20.48

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
54	32.43	32.09	31.78
55	28.59	28.32	28.08
56	25.65	25.43	25.24
57	23.30	23.11	22.95
58	21.32	21.16	21.03
59	19.63	19.50	19.39
60	18.15	18.05	17.96
61	16.86	16.77	16.69
62	15.73	15.65	15.59
63	14.72	14.66	14.60
64	13.82	13.78	13.73
65	13.03	12.99	12.95
66	12.32	12.28	12.25
67	11.69	11.65	11.61
68	11.11	11.08	11.05
69	10.58	10.55	10.53
70	10.11	10.08	10.06
71	9.68	9.64	9.62
72	9.28	9.25	9.22
73	8.91	8.88	8.85
74	8.56	8.54	8.52
75	8.25	8.22	8.20
78	7.42	7.39	7.37
79	7.18	7.14	7.12
80	6.94	6.91	6.89
83	6.32	6.29	6.26
84	6.13	6.09	6.08
85	5.95	5.92	5.90
89	5.32	5.29	5.27
90	5.18	5.15	5.13
91	5.04	5.02	5.00
92	4.92	4.89	4.87
99	4.06	4.04	4.02
100	3.87	3.85	3.84
115	3.18	3.16	3.16
120	2.92	2.91	2.90
145	2.01	2.01	2.00
150	1.89	1.89	1.89
225	1.05	1.03	1.03
230	1.02	1.01	1.00
235	0.99	0.98	0.98
250	0.93	0.91	0.91
280	0.83	0.82	0.81
285	0.81	0.80	0.80
290	0.80	0.79	0.78
295	0.78	0.77	0.77
300	0.77	0.76	0.76
330	0.72	0.71	0.70
335	0.71	0.70	0.69
355	0.67	0.67	0.66
360	0.67	0.66	0.65
365	0.66	0.65	0.65
380	0.65	0.64	0.63
385	0.64	0.63	0.63
390	0.63	0.62	0.62
405	0.62	0.61	0.60
410	0.61	0.60	0.60
435	0.59	0.58	0.58
850	0.48	0.47	0.46
1000	0.46	0.45	0.45