

## 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
10	60.79	60.91	60.89	0.00	0.00	0.00	0.00	0.00	0.00
20	54.72	54.78	54.70	0.00	0.00	0.00	0.00	0.00	0.00
22	53.88	53.81	53.85	0.00	0.00	0.01	0.00	0.01	0.00
30	50.99	50.96	50.99	0.01	0.01	0.01	0.01	0.01	0.01
40	48.22	48.20	48.17	0.01	0.01	0.01	0.01	0.02	0.02
50	46.01	45.98	45.97	0.02	0.02	0.03	0.02	0.03	0.03
60	44.31	44.26	44.22	0.03	0.04	0.04	0.03	0.04	0.05
70	43.32	43.31	43.26	0.05	0.07	0.07	0.05	0.07	0.08
100	30.12	29.65	29.29	0.38	0.45	0.50	0.41	0.49	0.55
106	20.73	20.37	20.08	0.73	0.86	0.95	0.80	0.96	1.07
115	7.81	7.78	7.74	3.54	4.02	4.37	4.01	4.58	4.99
120	3.60	3.84	3.99	10.29	10.97	11.44	12.24	13.11	13.71
130	1.99	2.25	2.42	35.08	33.06	31.25	24.03	23.93	23.64
135	1.91	2.16	2.32	19.47	19.78	19.91	17.86	18.12	18.19
138	1.91	2.15	2.31	17.44	18.11	18.55	16.34	16.86	17.14
140	1.92	2.15	2.31	17.29	18.19	18.85	16.21	16.89	17.32
145	1.93	2.19	2.36	21.60	23.66	25.43	19.24	20.40	21.17
148	1.99	2.28	2.47	31.92	31.49	29.12	23.29	23.59	23.38
149	2.02	2.32	2.52	32.63	28.24	25.77	23.77	23.25	22.56
150	2.07	2.38	2.59	27.78	24.77	23.02	23.06	22.07	21.22
160	3.20	3.75	4.14	31.03	28.72	25.71	14.21	13.27	12.49
163	4.51	5.28	5.84	13.61	12.44	11.68	9.12	8.34	7.79
170	12.75	13.66	14.33	2.85	2.94	2.97	2.11	2.16	2.17
175	20.28	21.06	21.64	1.46	1.58	1.65	1.08	1.18	1.22
180	27.79	28.48	29.02	0.95	1.05	1.11	0.71	0.80	0.84
200	47.91	47.60	47.34	0.38	0.44	0.47	0.30	0.35	0.38
300	56.35	56.53	56.38	0.09	0.12	0.14	0.07	0.11	0.13
500	86.17	84.39	84.89	0.05	0.09	0.11	0.04	0.08	0.10
700	80.48	82.68	81.97	0.05	0.10	0.13	0.04	0.09	0.12
1000	77.25	78.63	77.53	0.07	0.14	0.18	0.05	0.12	0.16
1500	69.70	69.28	69.13	0.11	0.21	0.27	0.08	0.18	0.23
1800	64.58	64.13	63.86	0.14	0.25	0.31	0.11	0.22	0.28
2000	61.43	61.21	60.98	0.16	0.27	0.33	0.13	0.25	0.31
2500	55.04	54.87	54.70	0.21	0.32	0.39	0.16	0.30	0.37
2700	51.50	51.41	51.38	0.23	0.36	0.43	0.20	0.36	0.43
2800	52.81	52.26	52.17	0.24	0.38	0.45	0.41	0.42	0.50
2900	51.39	51.33	51.22	0.35	0.57	0.62	0.20	0.34	0.41
3000	50.19	50.04	49.94	0.42	0.46	0.54	0.20	0.34	0.42
3200	48.39	48.20	48.13	0.26	0.39	0.46	0.20	0.35	0.42
3300	47.43	47.28	47.27	0.26	0.39	0.47	0.21	0.36	0.44
3400	46.49	46.39	46.38	0.27	0.40	0.47	0.22	0.37	0.45
3500	45.55	45.45	45.46	0.27	0.41	0.48	0.22	0.38	0.46
3600	44.56	44.47	44.47	0.28	0.42	0.50	0.25	0.41	0.49
3700	43.49	43.39	43.46	0.29	0.43	0.51	0.28	0.46	0.53
3800	42.31	42.11	42.24	0.31	0.45	0.53	0.34	0.58	0.64
3900	40.77	40.48	40.70	0.33	0.49	0.57	0.56	1.01	1.01
4000	38.62	39.37	39.47	0.36	0.54	0.62	1.73	3.14	2.74
4100	41.95	46.76	45.53	0.43	0.64	0.72	3.66	2.08	2.37
4200	49.88	47.83	47.87	0.57	0.88	0.95	0.93	0.89	1.04
4300	46.58	45.74	45.82	0.95	1.60	1.59	0.48	0.61	0.72
4400	45.35	45.13	45.06	2.50	4.02	3.65	0.35	0.50	0.60
4500	44.67	43.48	43.63	5.36	3.34	3.64	0.29	0.45	0.54
4600	42.33	41.89	41.91	1.90	1.53	1.77	0.26	0.43	0.52
4800	40.24	40.01	40.03	0.62	0.76	0.91	0.22	0.40	0.49
5000	38.97	38.78	38.72	0.42	0.61	0.75	0.21	0.39	0.48
5200	37.85	37.63	37.57	0.37	0.58	0.72	0.20	0.39	0.49
5400	36.79	36.54	36.52	0.35	0.57	0.72	0.20	0.39	0.49
5600	35.74	35.81	35.68	0.40	0.63	0.78	0.23	0.49	0.57
5800	36.28	34.97	35.19	0.51	0.74	0.91	0.30	0.48	0.60
6000	30.70	30.99	31.26	0.56	0.83	1.00	0.25	0.48	0.59

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
130	20.92	20.66	20.47
131	20.34	20.12	19.96
132	19.83	19.65	19.52
133	19.39	19.25	19.14
134	19.02	18.90	18.82
135	18.71	18.62	18.56
136	18.46	18.39	18.35
137	18.26	18.22	18.19
138	18.11	18.09	18.07
139	18.00	18.00	18.00
140	17.94	17.95	17.96
141	17.92	17.94	17.96
142	17.93	17.96	18.00
143	17.98	18.03	18.07
144	18.07	18.13	18.18
145	18.20	18.27	18.32
146	18.36	18.44	18.51
147	18.57	18.66	18.74
148	18.83	18.93	19.02
149	19.13	19.26	19.36
150	19.51	19.64	19.76