

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	86.52	90.54	93.66	0.00	0.00	0.00	0.00	0.00	0.00
20	107.40	110.66	112.25	0.00	0.01	0.00	0.00	0.01	0.01
48	71.98	72.02	71.70	0.03	0.04	0.04	0.03	0.04	0.04
76	45.21	45.02	44.90	0.13	0.16	0.17	0.12	0.15	0.16
94	29.46	29.28	29.11	0.34	0.40	0.43	0.32	0.38	0.41
96	27.67	27.49	27.32	0.39	0.45	0.49	0.37	0.43	0.47
100	24.03	23.86	23.68	0.50	0.59	0.63	0.48	0.56	0.61
104	20.31	20.16	19.99	0.68	0.79	0.84	0.65	0.75	0.82
106	18.43	18.29	18.12	0.80	0.92	0.99	0.77	0.89	0.97
108	16.53	16.41	16.25	0.96	1.10	1.18	0.93	1.06	1.16
116	9.16	9.16	9.08	2.37	2.63	2.81	2.33	2.60	2.82
126	3.10	3.28	3.36	8.84	9.34	9.71	9.01	9.60	10.07
138	1.52	1.70	1.81	21.52	22.76	23.11	22.63	24.38	24.75
150	1.24	1.40	1.49	24.34	25.87	26.44	24.12	25.19	25.36
160	1.13	1.29	1.38	27.08	27.69	28.19	28.79	29.00	29.39
165	1.11	1.26	1.35	26.55	26.61	26.59	30.18	29.52	29.29
171	1.10	1.25	1.34	22.37	22.75	22.64	24.12	24.48	24.22
185	1.17	1.31	1.39	16.28	17.08	17.29	16.69	17.54	17.69
188	1.18	1.32	1.40	15.83	16.66	16.93	16.15	17.02	17.22
191	1.19	1.32	1.41	15.63	16.48	16.81	15.86	16.75	17.00
212	1.16	1.32	1.42	23.33	23.91	24.51	21.47	21.94	22.14
218	1.19	1.37	1.47	28.48	27.51	26.61	23.79	23.84	23.48
228	1.32	1.50	1.62	21.16	21.61	21.16	21.18	22.40	22.47
230	1.35	1.54	1.66	20.33	20.86	20.52	20.99	22.52	22.81
238	1.51	1.73	1.88	19.04	18.90	18.40	24.98	28.20	29.23
248	2.09	2.45	2.69	12.62	11.68	11.06	15.31	13.86	13.07
254	3.15	3.61	3.93	7.60	7.19	6.86	8.50	8.01	7.64
258	4.33	4.81	5.18	5.25	5.09	4.90	5.76	5.56	5.37
274	11.31	11.68	12.02	1.45	1.57	1.60	1.56	1.67	1.70
276	12.24	12.59	12.91	1.29	1.41	1.45	1.39	1.50	1.54
294	19.86	20.07	20.28	0.64	0.74	0.79	0.67	0.77	0.81
296	20.61	20.81	21.02	0.60	0.71	0.75	0.63	0.73	0.78
315	26.98	27.14	27.27	0.42	0.51	0.55	0.43	0.52	0.56
325	29.85	30.00	30.10	0.37	0.46	0.49	0.38	0.46	0.50
355	37.02	37.16	37.20	0.27	0.34	0.38	0.28	0.35	0.39
505	56.33	56.36	56.33	0.16	0.24	0.27	0.16	0.25	0.28
750	70.93	70.84	71.14	0.16	0.28	0.32	0.16	0.27	0.31
980	88.74	87.89	87.97	0.21	0.34	0.39	0.20	0.33	0.39
1100	77.59	77.27	77.55	0.24	0.39	0.44	0.22	0.37	0.42
1175	74.30	74.66	74.86	0.25	0.41	0.46	0.24	0.39	0.45
1525	69.71	70.17	70.59	0.32	0.49	0.55	0.30	0.46	0.53
1625	76.21	77.51	77.95	0.33	0.51	0.56	0.32	0.48	0.55
1850	71.41	72.17	72.06	0.36	0.54	0.59	0.35	0.51	0.58
2000	75.54	75.06	74.32	0.37	0.55	0.60	0.36	0.53	0.59
2100	68.96	68.00	67.04	0.39	0.57	0.61	0.37	0.53	0.59
2225	71.20	69.84	67.98	0.38	0.56	0.60	0.37	0.53	0.59
2350	62.58	62.49	61.68	0.38	0.56	0.60	0.36	0.54	0.59
2450	65.90	65.97	64.31	0.38	0.56	0.60	0.36	0.53	0.58
2550	59.48	59.22	60.00	0.37	0.56	0.60	0.37	0.54	0.59
2750	55.85	55.76	55.57	0.36	0.55	0.59	0.36	0.54	0.58
3025	46.66	46.56	47.19	0.35	0.55	0.61	0.36	0.55	0.61
3150	48.66	48.33	48.35	0.33	0.54	0.60	0.34	0.54	0.60
3200	47.07	47.01	47.72	0.33	0.54	0.60	0.35	0.55	0.62
3300	45.66	45.21	43.91	0.33	0.55	0.62	0.34	0.55	0.62
3550	38.67	38.03	37.74	0.33	0.58	0.68	0.36	0.59	0.70
3500	38.88	39.51	41.34	0.36	0.60	0.67	0.39	0.61	0.67
3525	37.51	37.53	38.42	0.35	0.60	0.70	0.37	0.61	0.70
3550	38.67	38.03	37.74	0.33	0.58	0.68	0.36	0.59	0.70
3575	39.20	38.65	38.16	0.34	0.59	0.68	0.37	0.60	0.70
3600	38.96	38.61	38.31	0.35	0.60	0.70	0.37	0.60	0.69

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
138	14.27	14.15	14.05
141	13.25	13.16	13.09
142	12.96	12.88	12.81
145	12.20	12.14	12.09
146	11.98	11.92	11.87
147	11.77	11.72	11.68
149	11.40	11.35	11.32
150	11.23	11.19	11.15
152	10.92	10.88	10.85
153	10.78	10.74	10.72
154	10.64	10.61	10.58
155	10.52	10.48	10.46
157	10.28	10.25	10.23
160	9.98	9.95	9.93
161	9.88	9.86	9.84
162	9.80	9.77	9.75
164	9.63	9.60	9.58
166	9.47	9.44	9.43
167	9.40	9.37	9.36
170	9.19	9.16	9.15
171	9.12	9.10	9.08
174	8.93	8.91	8.90
176	8.80	8.79	8.79
178	8.69	8.69	8.68
181	8.54	8.54	8.54
182	8.49	8.50	8.50
184	8.40	8.42	8.42
185	8.36	8.38	8.39
188	8.26	8.29	8.30
189	8.24	8.26	8.28
190	8.21	8.24	8.26
193	8.16	8.19	8.21
195	8.14	8.17	8.20
196	8.13	8.17	8.19
201	8.15	8.18	8.21
202	8.16	8.19	8.22
206	8.23	8.25	8.28
207	8.25	8.27	8.30
209	8.30	8.31	8.34
210	8.32	8.34	8.36
211	8.34	8.36	8.38
212	8.37	8.38	8.41
213	8.40	8.41	8.43
214	8.42	8.43	8.46
215	8.45	8.46	8.48
216	8.48	8.49	8.51
217	8.51	8.52	8.54
218	8.54	8.55	8.57
219	8.57	8.58	8.61
220	8.60	8.62	8.64
221	8.63	8.65	8.68
224	8.74	8.77	8.81
225	8.78	8.82	8.86
228	8.93	8.99	9.04
230	9.06	9.13	9.19
232	9.22	9.30	9.37
234	9.41	9.51	9.58
235	9.53	9.62	9.71
236	9.65	9.75	9.84
238	9.93	10.03	10.12