

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
1.00	77.37	76.49	77.03	0.00	0.01	0.00	0.32	0.41	0.47
10.00	58.22	58.19	58.21	0.01	0.02	0.02	0.45	0.54	0.61
50.00	44.50	44.60	44.63	0.03	0.04	0.04	0.77	0.87	0.95
100.00	41.50	41.59	41.66	0.09	0.11	0.11	0.74	0.84	0.90
130.00	39.30	39.10	38.87	0.26	0.31	0.33	0.60	0.70	0.77
139.00	32.61	31.73	31.13	0.54	0.64	0.71	0.84	0.98	1.07
140.00	27.78	27.06	26.56	0.61	0.73	0.82	0.92	1.08	1.18
142.00	19.90	19.34	18.93	0.87	1.06	1.19	1.22	1.42	1.56
145.00	10.24	9.90	9.64	2.11	2.55	2.90	2.61	3.00	3.29
148.00	3.88	3.93	3.96	7.36	8.40	9.24	8.06	8.71	9.12
149.00	2.86	3.01	3.10	10.81	12.04	13.01	11.41	11.85	12.03
150.00	2.26	2.46	2.59	15.17	16.38	17.16	15.13	14.95	14.65
151.00	1.92	2.14	2.28	19.99	20.23	19.94	18.19	17.18	16.42
154.32	1.48	1.68	1.82	21.25	19.66	18.53	21.83	20.96	20.21
160.00	1.25	1.42	1.53	18.42	18.01	17.66	26.10	26.64	27.21
170.00	1.14	1.28	1.37	17.61	18.19	18.66	16.53	16.78	17.05
184.00	1.07	1.23	1.33	24.91	23.63	22.59	26.74	28.20	29.98
190.00	1.14	1.31	1.41	18.69	18.21	18.00	20.38	20.39	20.75
200.00	1.23	1.41	1.53	18.73	18.14	18.05	18.00	17.38	17.26
210.00	1.41	1.63	1.78	17.96	17.40	17.04	20.75	20.33	20.00
214.32	1.57	1.81	1.97	16.86	16.69	16.65	21.30	21.99	22.27
218.00	1.72	1.98	2.17	20.06	20.25	20.82	25.75	27.72	28.33
220.00	1.85	2.15	2.37	26.63	25.34	24.79	28.87	27.40	24.97
223.00	2.41	2.82	3.15	14.19	13.23	12.33	15.33	14.81	14.09
225.00	3.36	3.89	4.34	8.30	7.82	7.32	10.07	10.00	9.72
230.00	8.85	9.60	10.25	2.12	2.10	2.03	4.20	4.57	4.77
236.00	18.26	19.06	19.74	0.66	0.71	0.72	2.70	3.09	3.35
237.00	19.91	20.70	21.39	0.58	0.63	0.64	2.60	2.99	3.24
242.00	28.55	29.42	30.19	0.37	0.41	0.42	2.31	2.65	2.87
243.00	30.44	31.34	32.14	0.35	0.38	0.40	2.26	2.59	2.82
250.00	50.24	51.46	52.33	0.25	0.28	0.29	2.06	2.34	2.52
260.00	43.45	43.71	43.82	0.19	0.22	0.22	1.88	2.11	2.26
275.00	44.94	45.40	45.73	0.16	0.18	0.18	1.74	1.94	2.05
300.00	56.61	57.04	57.36	0.14	0.15	0.15	1.75	1.98	2.12
325.00	66.42	66.38	66.77	0.13	0.15	0.14	2.35	2.82	3.13
350.00	60.18	60.72	61.39	0.13	0.15	0.14	6.49	8.44	10.28
400.00	65.32	65.66	66.32	0.13	0.15	0.15	2.17	2.35	2.41
500.00	75.15	75.17	75.29	0.13	0.16	0.16	0.77	0.90	0.98
750.00	91.72	101.07	98.36	0.14	0.18	0.19	0.37	0.48	0.53
1000.00	84.78	83.04	85.64	0.11	0.16	0.17	0.27	0.38	0.42
1400.00	83.89	83.05	87.32	0.08	0.15	0.17	0.28	0.38	0.43
1500.00	76.73	76.00	76.08	0.08	0.15	0.18	0.28	0.39	0.43
1750.00	71.67	70.74	71.68	0.10	0.18	0.21	0.29	0.40	0.47
2000.00	67.29	67.20	66.98	0.15	0.23	0.27	0.28	0.41	0.48
2100.00	65.89	65.59	65.92	0.17	0.25	0.30	0.27	0.40	0.48
2200.00	64.62	64.34	64.63	0.19	0.29	0.33	0.27	0.40	0.48
2250.00	63.82	63.63	63.89	0.20	0.30	0.34	0.26	0.40	0.48
2300.00	63.12	62.84	63.18	0.22	0.31	0.36	0.26	0.40	0.48
2500.00	61.01	60.78	61.04	0.27	0.37	0.42	0.25	0.39	0.47
2600.00	60.00	59.60	59.73	0.31	0.42	0.47	0.25	0.39	0.46
2750.00	57.62	57.49	57.38	0.38	0.48	0.53	0.25	0.39	0.46
2800.00	57.15	56.77	56.58	0.34	0.45	0.52	0.25	0.39	0.46
3000.00	53.78	53.28	52.77	0.35	0.50	0.59	0.25	0.41	0.48
3200.00	48.59	47.70	46.61	0.42	0.67	0.87	0.28	0.45	0.53
3300.00	44.09	42.61	40.76	0.64	1.21	1.98	0.30	0.47	0.56
3400.00	35.59	34.68	35.42	3.52	10.89	8.44	0.31	0.49	0.60
3500.00	37.82	40.23	41.34	2.30	1.75	1.55	0.32	0.52	0.65
3750.00	43.89	43.43	44.48	0.35	0.52	0.62	0.69	0.99	1.15
3900.00	40.72	37.56	39.97	0.40	0.66	0.79	0.90	1.22	1.28
4000.00	34.05	32.43	30.48	0.76	1.14	1.57	1.45	1.68	1.83

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(ns)		
	@-40°C	@+25°C	@+85°C
154.32	29.16	28.54	28.09
155.00	27.24	26.74	26.37
156.00	25.70	25.28	24.97
157.00	24.43	24.07	23.81
158.00	23.25	22.95	22.73
159.00	22.12	21.87	21.68
160.00	21.10	20.89	20.74
161.00	20.21	20.03	19.91
162.00	19.43	19.28	19.19
163.00	18.73	18.61	18.53
164.00	18.11	18.02	17.95
165.00	17.56	17.49	17.44
166.00	17.08	17.02	16.99
167.00	16.66	16.62	16.59
168.00	16.29	16.26	16.24
169.00	15.96	15.94	15.93
170.00	15.68	15.66	15.66
171.00	15.42	15.42	15.42
172.00	15.21	15.20	15.21
173.00	15.01	15.01	15.01
174.00	14.84	14.85	14.85
175.00	14.69	14.69	14.69
176.00	14.55	14.56	14.56
177.00	14.43	14.43	14.43
178.00	14.32	14.31	14.32
179.00	14.21	14.21	14.21
180.00	14.11	14.11	14.11
181.00	14.02	14.01	14.01
182.00	13.93	13.93	13.93
183.00	13.85	13.85	13.85
184.00	13.77	13.78	13.78
185.00	13.70	13.72	13.72
186.00	13.64	13.66	13.66
187.00	13.60	13.61	13.63
188.00	13.56	13.58	13.60
189.00	13.53	13.54	13.57
190.00	13.51	13.53	13.57
191.00	13.52	13.54	13.58
192.00	13.52	13.55	13.60
193.00	13.56	13.59	13.64
194.00	13.60	13.64	13.69
195.00	13.66	13.71	13.77
196.00	13.74	13.80	13.86
197.00	13.84	13.90	13.96
198.00	13.95	14.01	14.09
199.00	14.09	14.15	14.22
200.00	14.23	14.30	14.37
201.00	14.39	14.46	14.55
202.00	14.57	14.64	14.72
203.00	14.76	14.84	14.92
204.00	14.96	15.05	15.13
205.00	15.18	15.26	15.36
206.00	15.41	15.50	15.59
207.00	15.65	15.74	15.85
208.00	15.91	16.01	16.12
209.00	16.19	16.31	16.43
210.00	16.50	16.62	16.75
211.00	16.83	16.97	17.12
212.00	17.18	17.35	17.50
214.32	18.41	18.64	18.87