

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	103.13	106.66	97.14	0.00	0.00	0.00	0.00	0.00	0.00
12	99.18	106.14	101.89	0.00	0.00	0.00	0.00	0.00	0.00
14	97.93	105.88	98.68	0.00	0.00	0.00	0.00	0.00	0.00
16	100.95	104.02	99.49	0.00	0.00	0.00	0.00	0.00	0.00
18	109.89	98.71	97.53	0.00	0.00	0.00	0.00	0.00	0.00
20	101.48	116.45	104.61	0.00	0.00	0.00	0.00	0.00	0.00
22	98.69	95.11	113.57	0.00	0.00	0.00	0.00	0.00	0.01
24	103.05	95.37	99.19	0.00	0.01	0.01	0.00	0.00	0.00
26	100.59	110.68	107.93	0.00	0.01	0.01	0.00	0.01	0.01
28	94.97	95.75	108.81	0.01	0.01	0.01	0.01	0.01	0.01
30	95.65	93.68	97.72	0.01	0.01	0.01	0.01	0.01	0.01
32	90.91	89.90	94.04	0.01	0.01	0.01	0.01	0.01	0.01
34	94.12	93.70	94.04	0.01	0.01	0.01	0.01	0.01	0.01
36	89.97	90.83	88.46	0.01	0.02	0.02	0.01	0.01	0.02
38	87.51	84.47	88.11	0.01	0.02	0.02	0.01	0.02	0.02
40	82.66	83.47	81.43	0.01	0.02	0.02	0.02	0.02	0.02
44	79.49	77.69	78.32	0.02	0.03	0.03	0.02	0.02	0.03
50	70.76	70.85	70.06	0.03	0.04	0.04	0.03	0.03	0.04
60	60.11	59.88	59.80	0.05	0.06	0.07	0.05	0.06	0.06
70	50.64	50.46	50.30	0.09	0.11	0.12	0.08	0.10	0.11
80	41.78	41.56	41.36	0.15	0.18	0.20	0.13	0.16	0.18
90	32.99	32.75	32.54	0.26	0.31	0.34	0.23	0.28	0.32
96	27.63	27.40	27.18	0.38	0.45	0.49	0.34	0.41	0.46
104	20.27	20.07	19.86	0.66	0.78	0.85	0.63	0.74	0.82
114	10.93	10.85	10.74	1.79	2.04	2.22	1.79	2.04	2.23
126	3.15	3.33	3.43	8.41	8.92	9.32	8.86	9.42	9.84
138	1.52	1.71	1.82	19.74	20.57	21.21	20.28	21.39	22.22
160	1.11	1.27	1.37	26.16	26.44	26.36	26.19	26.62	26.49
170	1.07	1.23	1.33	24.17	23.36	22.54	26.48	25.45	24.29
180	1.10	1.25	1.35	18.50	18.61	18.49	19.07	19.31	19.24
188	1.13	1.27	1.37	16.59	17.04	17.27	16.82	17.37	17.65
200	1.13	1.28	1.37	17.48	18.30	18.98	17.38	18.25	18.96
210	1.12	1.28	1.38	23.15	24.50	26.03	22.06	23.20	24.43
220	1.17	1.35	1.47	31.48	31.19	30.52	27.08	27.53	27.93
238	1.47	1.71	1.88	23.23	22.27	21.35	38.88	37.22	29.93
250	2.54	2.96	3.29	10.05	9.36	8.82	10.54	9.81	9.22
270	10.20	10.64	11.02	1.72	1.81	1.84	1.72	1.81	1.85
290	19.11	19.36	19.59	0.68	0.77	0.82	0.66	0.75	0.81
315	27.79	27.94	28.08	0.40	0.47	0.52	0.38	0.46	0.51
350	36.80	36.89	36.96	0.27	0.33	0.36	0.25	0.32	0.35
400	45.82	45.88	45.89	0.19	0.24	0.27	0.18	0.24	0.27
500	56.73	56.67	56.66	0.13	0.18	0.21	0.12	0.18	0.21
600	63.32	63.27	63.26	0.10	0.16	0.19	0.10	0.16	0.20
700	69.17	68.40	69.11	0.10	0.16	0.19	0.09	0.16	0.20
800	75.65	75.18	75.98	0.09	0.17	0.20	0.09	0.16	0.20
900	89.40	86.20	87.69	0.09	0.18	0.22	0.09	0.17	0.21
1000	87.74	88.67	87.81	0.10	0.19	0.24	0.09	0.18	0.23
1100	82.14	84.03	84.37	0.11	0.20	0.26	0.10	0.19	0.24
1200	81.91	83.25	86.39	0.12	0.21	0.28	0.11	0.21	0.26
1300	83.30	87.99	89.96	0.13	0.23	0.29	0.11	0.22	0.27
1400	102.57	95.46	86.32	0.14	0.24	0.31	0.12	0.23	0.29
1500	81.31	78.56	76.56	0.15	0.26	0.33	0.12	0.24	0.31
1600	73.74	72.41	71.04	0.16	0.27	0.34	0.14	0.26	0.32
1700	68.64	67.46	66.87	0.17	0.28	0.36	0.14	0.27	0.34
1800	64.83	64.45	63.77	0.18	0.30	0.37	0.16	0.29	0.35
2000	59.43	58.96	58.62	0.20	0.32	0.40	0.17	0.31	0.38
2200	55.30	54.84	54.70	0.22	0.34	0.42	0.19	0.33	0.40
2500	50.28	50.02	49.90	0.24	0.37	0.45	0.21	0.35	0.42
3000	43.76	43.55	43.46	0.27	0.40	0.48	0.22	0.37	0.45
3600	36.28	35.98	35.80	0.32	0.47	0.56	0.23	0.39	0.47

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
138	14.96	14.79	14.66
140	14.33	14.18	14.06
142	13.70	13.57	13.46
144	13.09	12.98	12.89
146	12.55	12.45	12.38
148	12.05	11.97	11.91
150	11.62	11.55	11.50
152	11.24	11.18	11.14
154	10.90	10.85	10.81
156	10.61	10.56	10.53
158	10.35	10.30	10.27
160	10.11	10.07	10.04
162	9.90	9.86	9.83
164	9.70	9.67	9.64
166	9.53	9.50	9.47
168	9.37	9.34	9.31
170	9.22	9.19	9.17
172	9.08	9.06	9.04
174	8.95	8.93	8.92
176	8.84	8.82	8.80
178	8.73	8.71	8.70
180	8.63	8.62	8.61
182	8.54	8.54	8.53
184	8.47	8.46	8.46
186	8.40	8.40	8.40
188	8.34	8.34	8.35
190	8.29	8.30	8.31
192	8.25	8.26	8.28
194	8.23	8.24	8.25
196	8.21	8.23	8.24
198	8.20	8.22	8.24
200	8.20	8.22	8.24
202	8.22	8.24	8.26
204	8.24	8.26	8.28
206	8.27	8.29	8.31
208	8.30	8.32	8.35
210	8.34	8.37	8.39
214	8.45	8.48	8.51
220	8.69	8.72	8.76
230	9.42	9.47	9.53
238	10.37	10.39	10.42