

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
1.0	106.52	103.38	101.18	0.11	0.12	0.13	0.11	0.12	0.13
10.0	100.87	98.55	97.44	0.20	0.22	0.24	0.20	0.23	0.25
100.0	93.85	96.90	97.02	0.10	0.12	0.13	0.09	0.12	0.12
110.0	95.12	96.55	92.32	0.11	0.13	0.15	0.10	0.13	0.14
120.0	88.56	86.25	86.94	0.16	0.19	0.21	0.14	0.18	0.20
125.0	78.74	77.80	76.31	0.21	0.26	0.29	0.19	0.24	0.27
130.0	63.91	63.40	62.51	0.34	0.41	0.47	0.30	0.38	0.43
131.0	60.69	59.84	59.18	0.38	0.46	0.53	0.34	0.43	0.49
132.0	57.25	56.37	55.57	0.43	0.53	0.60	0.39	0.49	0.55
133.0	53.59	52.70	51.86	0.49	0.60	0.69	0.44	0.56	0.64
134.0	49.60	48.68	47.86	0.57	0.70	0.80	0.52	0.65	0.74
135.0	45.42	44.47	43.61	0.67	0.83	0.95	0.61	0.78	0.89
136.0	40.97	39.98	39.10	0.80	0.99	1.14	0.75	0.94	1.08
137.0	36.19	35.17	34.26	0.98	1.23	1.42	0.93	1.18	1.36
138.0	31.04	29.99	29.06	1.25	1.57	1.83	1.22	1.55	1.79
139.0	25.44	24.40	23.48	1.68	2.12	2.49	1.69	2.16	2.52
140.0	19.41	18.47	17.65	2.45	3.13	3.72	2.61	3.37	3.98
141.0	13.25	12.65	12.13	4.15	5.32	6.32	4.76	6.19	7.36
142.0	8.17	8.22	8.19	8.23	10.04	11.45	10.72	13.60	15.76
143.0	5.52	6.00	6.25	14.98	16.35	17.26	31.69	27.59	24.22
144.0	4.47	5.04	5.36	20.47	21.27	21.68	21.85	21.45	21.16
145.0	3.95	4.52	4.85	27.51	28.21	27.97	22.48	23.17	23.43
147.0	3.44	3.99	4.32	35.11	34.00	35.03	26.61	27.21	28.67
150.0	3.20	3.76	4.12	25.82	23.76	22.47	31.72	29.52	26.95
153.0	3.35	3.96	4.36	19.28	19.22	18.90	21.60	22.52	22.92
155.0	3.66	4.37	4.87	20.90	20.77	20.14	30.31	40.97	32.89
156.0	3.98	4.81	5.41	22.35	21.56	20.57	29.23	25.27	22.84
158.0	5.93	7.47	8.70	14.04	11.54	9.87	13.55	11.42	10.02
160.0	13.56	15.64	17.21	3.50	3.34	3.15	3.76	3.63	3.46
161.0	18.57	20.47	21.92	2.16	2.20	2.15	2.39	2.44	2.41
162.0	23.34	25.04	26.35	1.53	1.61	1.61	1.70	1.81	1.82
163.0	27.75	29.25	30.45	1.17	1.26	1.28	1.31	1.42	1.46
164.0	31.79	33.15	34.23	0.94	1.03	1.06	1.06	1.17	1.20
165.0	35.52	36.75	37.75	0.79	0.87	0.90	0.88	0.98	1.02
166.0	38.98	40.10	41.04	0.67	0.75	0.78	0.75	0.85	0.88
170.0	50.90	51.78	52.52	0.42	0.48	0.50	0.46	0.53	0.56
200.0	83.72	85.49	84.06	0.09	0.12	0.13	0.09	0.12	0.13
250.0	87.24	87.54	88.19	0.03	0.05	0.05	0.02	0.05	0.05
300.0	91.06	89.27	95.86	0.01	0.03	0.03	0.00	0.03	0.03
350.0	93.41	95.56	94.95	0.00	0.02	0.02	0.01	0.02	0.02
400.0	95.11	94.29	103.06	0.01	0.02	0.02	0.01	0.02	0.02
450.0	100.30	105.70	118.84	0.01	0.01	0.01	0.03	0.01	0.02
500.0	98.64	98.31	93.80	0.01	0.02	0.02	0.02	0.02	0.02
550.0	98.78	92.81	99.12	0.01	0.02	0.02	0.02	0.02	0.03
600.0	99.62	104.72	97.09	0.02	0.01	0.02	0.03	0.02	0.03
650.0	98.34	103.64	100.26	0.01	0.02	0.03	0.02	0.03	0.04
700.0	93.02	91.01	112.12	0.01	0.03	0.04	0.02	0.04	0.04
750.0	96.47	109.42	95.09	0.01	0.02	0.03	0.02	0.04	0.05
800.0	103.79	102.00	99.83	0.01	0.03	0.04	0.01	0.05	0.06
850.0	92.33	92.83	92.93	0.00	0.03	0.05	0.01	0.05	0.06
900.0	102.60	98.34	101.57	0.00	0.04	0.05	0.01	0.06	0.07
950.0	94.48	88.75	94.00	0.01	0.05	0.06	0.00	0.07	0.08
1000.0	94.49	84.66	89.56	0.01	0.05	0.06	0.01	0.08	0.09
1050.0	89.12	89.59	90.10	0.02	0.06	0.07	0.02	0.08	0.10
1100.0	95.58	99.86	91.31	0.02	0.06	0.08	0.03	0.09	0.11
1150.0	77.94	78.03	80.96	0.02	0.06	0.07	0.03	0.10	0.11
1200.0	80.98	77.62	81.69	0.03	0.07	0.09	0.04	0.11	0.12
1250.0	87.15	79.48	85.35	0.03	0.08	0.09	0.04	0.11	0.13
1300.0	78.37	85.34	77.69	0.03	0.08	0.09	0.05	0.12	0.14
1400.0	72.52	75.43	71.89	0.05	0.09	0.11	0.06	0.13	0.15



Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
145.0	110.15	106.68	104.28
145.5	104.50	101.81	99.93
146.0	99.97	97.88	96.39
146.5	96.33	94.67	93.49
147.0	93.37	92.04	91.08
147.5	90.92	89.84	89.10
148.0	88.92	88.05	87.47
148.5	87.29	86.61	86.15
149.0	85.99	85.46	85.11
149.5	84.97	84.56	84.31
150.0	84.20	83.90	83.74
150.5	83.67	83.48	83.40
151.0	83.37	83.31	83.32
151.5	83.29	83.35	83.48
152.0	83.46	83.67	83.95
152.5	83.87	84.28	84.69
153.0	84.62	85.22	85.80
153.5	85.72	86.54	87.29
154.0	87.22	88.25	89.21
154.5	89.19	90.45	91.64
155.0	91.74	93.28	94.69