

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	100.68	101.05	96.35	0.00	0.00	0.00	0.00	0.00	0.00
5	92.45	107.49	106.68	0.00	0.00	0.00	0.01	0.00	0.01
10	102.78	107.37	99.27	0.00	0.00	0.00	0.00	0.00	-0.01
20	87.24	96.91	81.07	0.01	0.01	0.01	0.01	0.01	0.01
30	89.15	89.52	85.09	0.01	0.02	0.02	0.02	0.02	0.03
40	78.70	84.03	79.22	0.04	0.04	0.05	0.04	0.04	0.05
50	62.11	62.44	61.02	0.07	0.09	0.09	0.08	0.09	0.10
60	49.18	48.95	48.44	0.12	0.15	0.16	0.13	0.15	0.16
70	37.79	37.61	37.40	0.20	0.24	0.27	0.22	0.26	0.29
77	30.53	30.34	30.15	0.30	0.35	0.39	0.33	0.38	0.42
80	27.50	27.35	27.15	0.36	0.41	0.46	0.38	0.44	0.49
85	22.64	22.51	22.33	0.50	0.57	0.63	0.52	0.60	0.66
90	17.81	17.73	17.58	0.72	0.82	0.90	0.76	0.86	0.94
95	13.08	13.06	12.96	1.16	1.29	1.40	1.21	1.33	1.46
100	8.73	8.78	8.75	2.08	2.25	2.41	2.14	2.32	2.49
105	5.15	5.26	5.30	4.03	4.26	4.49	4.12	4.36	4.59
110	2.80	2.94	3.03	7.70	7.98	8.28	7.83	8.14	8.43
115	1.65	1.80	1.90	13.37	13.80	14.22	13.59	14.06	14.47
120	1.16	1.29	1.38	21.38	22.34	23.21	21.74	22.93	23.82
125	0.95	1.06	1.14	34.99	38.61	38.28	34.52	41.79	53.78
130	0.82	0.93	1.01	38.84	32.79	30.03	37.35	33.63	31.11
135	0.75	0.84	0.91	34.01	30.42	28.29	36.17	32.47	29.97
140	0.68	0.77	0.83	32.94	30.71	28.90	39.30	36.06	32.53
145	0.63	0.71	0.77	30.91	30.67	29.91	36.17	41.52	39.18
150	0.58	0.66	0.72	28.36	29.04	29.57	30.97	34.27	38.85
160	0.52	0.59	0.65	24.65	25.11	25.96	25.51	26.43	27.87
170	0.47	0.54	0.58	22.82	22.76	23.20	23.15	23.21	23.82
180	0.43	0.50	0.54	22.16	21.61	21.67	22.21	21.74	21.88
185	0.41	0.48	0.52	22.10	21.34	21.23	22.04	21.37	21.30
200	0.40	0.46	0.49	22.77	21.39	20.74	22.34	21.13	20.60
220	0.34	0.40	0.43	24.65	22.53	21.24	23.65	21.96	20.86
240	0.30	0.36	0.39	27.34	24.62	22.65	25.63	23.71	22.09
280	0.25	0.30	0.33	35.28	32.08	28.19	29.78	28.51	26.39
300	0.23	0.27	0.30	42.08	40.10	33.27	31.78	31.07	29.39
320	0.22	0.26	0.29	64.92	47.96	43.54	33.26	32.20	32.04
340	0.20	0.25	0.27	42.46	36.34	38.08	33.88	31.44	31.92
360	0.19	0.24	0.26	36.92	31.91	31.75	33.43	29.84	29.71
380	0.18	0.23	0.25	33.61	29.30	28.40	32.13	28.25	27.52
400	0.18	0.23	0.25	31.11	27.47	26.23	30.48	26.89	25.75
500	0.17	0.22	0.26	24.55	22.97	21.35	24.48	22.86	21.24
600	0.17	0.23	0.28	22.13	20.91	19.42	22.01	20.78	19.31
700	0.18	0.25	0.30	20.83	19.59	18.10	20.69	19.46	17.99
800	0.19	0.26	0.32	19.67	18.67	17.15	19.50	18.52	17.05
900	0.20	0.29	0.36	19.03	17.97	16.58	18.80	17.79	16.46
1000	0.21	0.31	0.37	18.79	17.43	16.18	18.57	17.26	16.08
1100	0.22	0.32	0.40	18.56	17.03	15.93	18.31	16.84	15.83
1200	0.23	0.34	0.41	18.15	16.72	15.74	17.92	16.54	15.63
1300	0.24	0.36	0.43	17.79	16.52	15.63	17.62	16.39	15.55
1400	0.25	0.37	0.44	17.65	16.38	15.59	17.54	16.27	15.53
1500	0.26	0.39	0.47	17.55	16.33	15.61	17.47	16.26	15.57
1600	0.27	0.41	0.49	17.45	16.37	15.70	17.43	16.37	15.70
1700	0.29	0.41	0.50	17.41	16.48	15.85	17.45	16.49	15.86
1800	0.29	0.41	0.51	17.58	16.67	16.09	17.62	16.72	16.12
1900	0.30	0.43	0.53	17.90	16.97	16.38	17.97	17.04	16.44
2000	0.29	0.43	0.53	18.31	17.36	16.81	18.41	17.42	16.83
2100	0.30	0.44	0.54	18.82	17.83	17.35	18.95	17.91	17.33
2200	0.29	0.44	0.53	19.44	18.46	18.05	19.49	18.45	17.92
2300	0.29	0.45	0.55	20.22	19.17	18.93	20.19	19.07	18.66
2400	0.30	0.45	0.56	21.08	20.07	20.04	20.87	19.75	19.53
2500	0.30	0.46	0.57	22.00	21.09	21.36	21.48	20.52	20.50



Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nS)		
	@-40°C	@+25°C	@+85°C
185	3.41	3.41	3.36
186	3.33	3.32	3.31
187	3.34	3.34	3.32
188	3.61	3.60	3.60
189	3.53	3.51	3.50
190	3.41	3.39	3.40
200	3.28	3.25	3.25
210	3.04	3.01	3.01
220	2.50	2.49	2.47
230	2.28	2.27	2.25
240	2.10	2.08	2.07
250	1.94	1.92	1.91
260	1.79	1.78	1.77
270	1.67	1.66	1.65
280	1.56	1.55	1.55
290	1.46	1.46	1.45
300	1.38	1.37	1.36
310	1.30	1.30	1.29
320	1.23	1.23	1.22
330	1.17	1.16	1.16
340	1.12	1.11	1.10
350	1.06	1.06	1.05
360	1.02	1.01	1.00
370	0.97	0.97	0.96
380	0.94	0.93	0.92
390	0.90	0.89	0.89
400	0.87	0.86	0.85
410	0.84	0.83	0.82
420	0.81	0.80	0.79
430	0.78	0.77	0.77
440	0.76	0.75	0.74
450	0.73	0.72	0.72
460	0.71	0.71	0.70
470	0.69	0.68	0.68
480	0.67	0.66	0.66
500	0.64	0.63	0.63
520	0.61	0.60	0.59
540	0.58	0.57	0.57
560	0.56	0.55	0.54
580	0.54	0.53	0.52
600	0.52	0.51	0.50
700	0.45	0.44	0.43
800	0.40	0.39	0.39
900	0.37	0.36	0.35
1000	0.35	0.34	0.33
1100	0.33	0.32	0.31
1200	0.31	0.30	0.30
1300	0.31	0.30	0.29
1400	0.30	0.29	0.28
1500	0.29	0.29	0.28
1600	0.29	0.28	0.28
1700	0.28	0.27	0.27
1800	0.28	0.27	0.27
1900	0.28	0.27	0.26
2000	0.28	0.27	0.26
2100	0.28	0.27	0.26
2200	0.28	0.27	0.26
2300	0.27	0.27	0.26
2400	0.27	0.27	0.26
2500	0.28	0.27	0.26