

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(MHz)	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
1.0	0.02	0.02	0.03	63.88	58.22	54.44	59.93	55.05	52.14
10.0	0.03	0.03	0.04	65.04	50.31	44.66	55.11	50.07	45.31
50.0	0.06	0.08	0.09	42.21	39.32	34.76	37.84	39.23	37.26
100.0	0.09	0.11	0.13	32.08	35.66	39.35	32.28	36.05	46.84
150.0	0.11	0.14	0.16	30.27	34.03	41.61	31.98	35.57	37.57
200.0	0.13	0.17	0.19	28.06	33.07	38.95	28.35	33.97	43.54
250.0	0.15	0.19	0.22	27.05	33.13	39.30	27.49	34.53	47.15
300.0	0.16	0.22	0.25	29.35	33.93	38.23	29.98	36.11	53.58
350.0	0.18	0.24	0.28	32.34	34.68	33.40	33.69	38.83	37.93
400.0	0.19	0.26	0.31	33.50	33.35	31.15	36.20	36.51	33.68
450.0	0.21	0.29	0.34	29.67	30.17	29.63	30.65	31.44	31.22
500.0	0.23	0.32	0.38	25.70	26.70	27.19	25.93	27.08	27.83
550.0	0.26	0.35	0.41	22.80	23.77	24.98	22.89	23.94	25.32
600.0	0.29	0.39	0.45	20.52	21.45	23.13	20.46	21.49	23.32
650.0	0.33	0.44	0.49	18.60	19.55	21.28	18.52	19.59	21.46
700.0	0.37	0.48	0.54	17.36	18.11	19.77	17.28	18.13	19.93
750.0	0.41	0.53	0.59	16.22	17.06	18.54	16.09	17.09	18.73
800.0	0.45	0.57	0.64	15.51	16.39	17.62	15.40	16.49	17.90
850.0	0.47	0.61	0.69	15.43	16.14	17.05	15.40	16.35	17.45
900.0	0.49	0.64	0.74	15.67	16.31	16.81	15.73	16.71	17.38
950.0	0.49	0.67	0.78	16.62	16.87	16.95	16.97	17.61	17.80
1000.0	0.50	0.69	0.82	17.82	17.60	17.35	18.77	18.85	18.54
1002.0	0.50	0.70	0.82	17.86	17.62	17.36	18.83	18.90	18.57
1020.0	0.51	0.71	0.84	18.12	17.78	17.50	19.38	19.24	18.83
1040.0	0.52	0.73	0.86	18.19	17.81	17.62	19.72	19.41	19.06
1080.0	0.57	0.78	0.91	17.26	17.20	17.44	18.76	18.62	18.79
1094.0	0.59	0.80	0.94	16.66	16.82	17.24	17.98	18.06	18.44
1120.0	0.65	0.86	0.99	15.49	15.99	16.71	16.46	16.88	17.59
1140.0	0.70	0.90	1.03	14.64	15.35	16.25	15.39	15.99	16.87
1180.0	0.80	1.00	1.12	13.42	14.45	15.58	13.80	14.68	15.73
1200.0	0.84	1.04	1.17	13.14	14.32	15.55	13.38	14.37	15.49
1240.0	0.89	1.11	1.26	13.77	15.33	16.92	13.69	14.88	16.13
1280.0	0.89	1.15	1.35	17.81	20.83	24.30	16.58	17.96	19.29
1300.0	0.91	1.23	1.46	24.93	35.18	35.20	19.60	20.02	20.08
1320.0	1.02	1.39	1.67	26.62	21.40	18.72	19.23	17.39	16.30
1330.0	1.14	1.54	1.85	19.18	16.68	15.08	16.46	14.86	13.91
1340.0	1.31	1.75	2.09	14.87	13.38	12.32	13.59	12.44	11.72
1380.0	2.90	3.47	3.93	6.07	5.86	5.63	5.90	5.75	5.62
1440.0	7.94	8.57	9.07	1.78	1.93	1.99	1.75	1.95	2.07
1450.0	8.93	9.56	10.06	1.49	1.66	1.74	1.47	1.69	1.82
1480.0	11.95	12.56	13.03	0.96	1.16	1.26	0.94	1.19	1.35
1500.0	13.93	14.52	14.98	0.76	0.97	1.07	0.74	1.00	1.16
1600.0	23.06	23.62	23.89	0.42	0.63	0.75	0.38	0.66	0.83
1625.0	25.13	25.68	25.87	0.39	0.60	0.72	0.36	0.64	0.80
1650.0	27.13	27.66	27.78	0.37	0.59	0.70	0.34	0.62	0.79
1675.0	29.08	29.57	29.58	0.35	0.57	0.69	0.33	0.61	0.78
1700.0	30.96	31.44	31.32	0.34	0.57	0.69	0.32	0.61	0.77
1800.0	37.70	37.93	37.20	0.32	0.55	0.67	0.29	0.60	0.78
2000.0	47.57	47.03	44.94	0.31	0.56	0.69	0.29	0.63	0.84
2400.0	52.90	51.85	49.47	0.33	0.59	0.76	0.31	0.69	0.99
2500.0	52.93	52.30	50.04	0.34	0.60	0.78	0.32	0.71	1.01
2800.0	51.48	51.57	50.67	0.35	0.62	0.82	0.36	0.72	1.00
3000.0	49.43	50.29	50.38	0.36	0.63	0.83	0.39	0.73	0.95
3400.0	60.73	61.79	62.11	0.36	0.64	0.83	0.33	0.70	0.85
3500.0	46.56	46.48	45.15	0.39	0.66	0.87	0.32	0.70	0.86
3600.0	38.54	38.52	37.92	0.37	0.67	0.88	0.27	0.71	0.87
3650.0	34.10	34.04	34.19	0.41	0.69	0.91	0.28	0.72	0.88

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1.0	0.90	0.98	0.95
2.0	0.89	0.91	0.89
4.0	0.87	0.88	0.87
10.0	0.84	0.84	0.83
20.0	0.80	0.80	0.79
30.0	0.80	0.79	0.78
40.0	0.79	0.79	0.78
50.0	0.79	0.78	0.77
60.0	0.79	0.78	0.77
70.0	0.79	0.78	0.77
80.0	0.79	0.78	0.77
90.0	0.79	0.78	0.77
100.0	0.79	0.78	0.77
150.0	0.79	0.78	0.77
200.0	0.79	0.78	0.77
250.0	0.79	0.79	0.77
300.0	0.80	0.79	0.78
350.0	0.81	0.80	0.79
400.0	0.82	0.81	0.79
410.0	0.82	0.81	0.80
420.0	0.83	0.82	0.80
430.0	0.83	0.82	0.81
440.0	0.83	0.82	0.81
450.0	0.83	0.82	0.81
500.0	0.84	0.83	0.82
550.0	0.86	0.85	0.83
600.0	0.87	0.86	0.85
650.0	0.89	0.88	0.87
700.0	0.91	0.90	0.89
750.0	0.93	0.92	0.91
800.0	0.96	0.95	0.94
850.0	0.99	0.98	0.97
900.0	1.03	1.02	1.01
950.0	1.08	1.07	1.06
1000.0	1.14	1.12	1.11
1010.0	1.15	1.14	1.12
1020.0	1.17	1.16	1.14
1030.0	1.18	1.17	1.16
1040.0	1.19	1.18	1.17
1050.0	1.20	1.19	1.18
1052.0	1.21	1.19	1.18
1054.0	1.21	1.20	1.19
1056.0	1.21	1.20	1.19
1058.0	1.22	1.20	1.19
1060.0	1.22	1.21	1.20
1062.0	1.22	1.21	1.20
1064.0	1.23	1.22	1.21
1066.0	1.23	1.22	1.21
1068.0	1.24	1.22	1.21
1070.0	1.24	1.23	1.22
1072.0	1.24	1.23	1.22
1074.0	1.25	1.23	1.22
1076.0	1.25	1.24	1.23
1078.0	1.25	1.24	1.23
1080.0	1.25	1.24	1.23
1082.0	1.26	1.25	1.24
1084.0	1.26	1.25	1.24
1086.0	1.26	1.25	1.24
1088.0	1.26	1.25	1.24
1090.0	1.26	1.25	1.24
1092.0	1.27	1.25	1.25
1094.0	1.27	1.26	1.25