

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(MHz)	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+100°C	@-55°C	@+25°C	@+100°C	@-55°C	@+25°C	@+100°C
10	0.86	1.07	1.27	26.64	23.26	21.19	26.51	23.20	21.05
20	0.86	1.08	1.27	26.35	23.23	20.89	26.31	23.22	20.92
100	0.89	1.10	1.29	25.38	22.89	21.19	25.66	22.91	21.15
120	0.90	1.11	1.29	25.04	22.66	21.04	25.51	22.79	21.13
300	0.95	1.18	1.38	24.02	21.01	19.06	23.51	21.27	19.57
450	1.00	1.25	1.47	20.71	19.57	17.93	21.18	19.94	18.56
500	1.03	1.28	1.50	19.87	19.07	17.73	20.52	19.52	18.38
600	1.07	1.33	1.56	18.69	18.21	17.37	19.34	18.74	17.98
700	1.12	1.39	1.63	18.06	17.50	17.00	18.44	18.03	17.49
1000	1.30	1.61	1.86	16.49	16.06	16.21	16.80	16.54	16.55
1200	1.44	1.77	2.03	15.73	15.83	16.00	16.14	16.12	16.16
1300	1.51	1.85	2.12	15.52	15.91	16.03	16.01	16.09	16.11
1500	1.66	2.01	2.31	15.89	16.54	16.64	16.05	16.36	16.36
1600	1.72	2.10	2.40	16.43	17.14	17.32	16.44	16.72	16.70
1700	1.79	2.18	2.50	17.06	17.94	18.30	16.98	17.27	17.27
1800	1.87	2.27	2.61	18.01	19.01	19.65	17.60	17.97	17.99
1900	1.95	2.37	2.72	19.51	20.48	21.35	18.36	18.82	18.84
2000	2.03	2.48	2.84	21.73	22.48	23.50	19.25	19.83	19.76
2200	2.25	2.75	3.15	29.21	28.02	28.27	21.13	21.83	21.55
2350	2.47	3.01	3.45	30.83	27.55	26.81	21.58	21.92	21.81
2600	2.99	3.64	4.16	21.14	21.10	21.00	19.02	19.18	19.32
2800	3.62	4.40	5.03	18.46	18.94	19.00	17.17	17.58	17.90
3000	4.56	5.55	6.36	18.77	19.31	19.48	16.73	17.50	18.20
3200	6.15	7.51	8.63	21.58	21.92	21.80	17.42	18.49	19.24
3400	9.29	11.37	13.04	21.86	21.80	21.82	18.22	18.68	19.19
3600	16.48	19.98	22.64	19.81	20.18	20.49	17.53	17.73	18.10
3800	36.74	42.52	43.75	17.39	17.65	18.02	15.45	15.69	15.95
4000	57.48	52.23	49.53	15.25	15.41	15.67	13.74	14.02	14.25
4200	47.61	44.77	43.31	12.98	13.66	14.14	12.15	12.80	13.23
4390	38.78	39.01	39.29	12.06	12.92	13.48	11.78	12.47	13.00
4600	37.99	39.16	40.00	11.89	12.71	13.28	12.06	12.76	13.21
4800	41.15	42.34	43.10	12.27	12.72	13.18	12.71	13.31	13.86
5000	45.41	46.04	46.25	12.95	13.05	13.30	13.76	14.09	14.55
5200	48.32	47.54	46.72	13.56	13.53	13.51	14.64	15.04	15.46
5400	45.68	44.29	43.40	14.05	14.24	13.98	15.39	15.98	16.34
5600	40.89	40.16	39.72	14.64	15.12	14.76	16.28	17.07	17.22
5800	37.41	37.23	37.16	15.10	16.04	15.73	17.34	17.95	18.07
6000	35.27	35.46	35.64	15.54	17.11	17.08	18.28	18.92	18.76
6200	34.17	34.62	34.98	16.06	18.10	18.67	18.97	19.83	19.54
6400	33.84	34.52	35.04	17.14	19.53	20.89	19.59	20.43	19.93
6600	34.16	35.03	35.68	18.59	21.18	23.65	20.14	21.09	20.79
6800	35.04	36.09	36.88	20.57	23.37	27.11	20.38	21.74	21.92
7000	36.47	37.69	38.62	23.25	26.12	30.50	19.85	22.00	23.04
7200	38.43	39.84	40.96	26.37	28.44	31.72	19.72	22.65	25.26
7400	40.98	42.66	43.96	28.69	29.40	30.83	20.00	23.01	26.78
7600	44.27	46.31	47.97	27.28	27.21	27.40	20.43	23.45	27.71
7800	48.65	51.39	53.75	24.77	24.89	24.35	21.44	24.24	26.67
8000	54.48	58.93	63.82	22.83	22.41	21.36	23.58	24.44	25.03
8200	59.21	62.25	62.78	22.43	20.90	19.47	26.29	24.70	23.73
8400	56.38	56.78	56.63	21.14	19.55	18.32	26.51	24.08	22.79
8600	53.67	53.91	53.99	19.13	18.78	17.99	25.11	23.35	22.30
8800	52.04	52.33	52.46	17.81	18.39	18.35	23.05	22.43	22.28
8850	51.70	52.06	52.12	17.67	18.32	18.47	22.54	22.10	22.02
9000	50.81	51.09	51.10	17.20	18.09	18.91	20.98	21.24	21.65
9500	51.26	51.64	52.37	18.35	18.33	18.96	19.15	19.27	19.37
9800	52.87	53.46	54.05	20.08	19.06	18.34	19.27	18.36	17.69
10000	53.63	54.46	55.08	19.85	19.74	18.49	19.16	17.89	16.70
10500	57.49	58.43	58.65	18.34	22.47	23.08	18.07	17.19	15.45
10600	58.66	59.36	59.09	18.90	23.02	24.55	17.66	17.19	15.44
11000	60.70	57.94	56.28	29.21	23.06	21.80	15.46	17.67	16.75

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-55°C	@+25°C	@+100°C
10	0.35	0.37	0.32
40	0.37	0.37	0.34
80	0.37	0.37	0.36
120	0.37	0.36	0.36
160	0.37	0.36	0.36
200	0.37	0.36	0.36
240	0.37	0.36	0.36
280	0.37	0.36	0.36
320	0.37	0.36	0.36
360	0.37	0.36	0.36
400	0.37	0.36	0.36
440	0.37	0.36	0.36
480	0.37	0.36	0.36
520	0.37	0.36	0.36
560	0.37	0.36	0.36
600	0.37	0.36	0.36
640	0.37	0.36	0.36
680	0.37	0.36	0.36
720	0.37	0.36	0.36
760	0.37	0.36	0.36
800	0.37	0.36	0.36
840	0.37	0.36	0.36
880	0.37	0.36	0.36
920	0.38	0.36	0.36
960	0.38	0.36	0.36
1000	0.37	0.36	0.36
1040	0.37	0.37	0.36
1080	0.37	0.37	0.36
1120	0.38	0.37	0.36
1160	0.38	0.37	0.36
1200	0.38	0.37	0.37
1240	0.38	0.37	0.37
1280	0.38	0.37	0.37
1320	0.38	0.37	0.37
1360	0.38	0.37	0.37
1400	0.38	0.38	0.37
1440	0.39	0.38	0.37
1480	0.39	0.38	0.37
1520	0.39	0.38	0.38
1560	0.39	0.38	0.38
1600	0.39	0.39	0.38
1640	0.40	0.39	0.38
1680	0.40	0.39	0.39
1720	0.40	0.39	0.39
1760	0.40	0.40	0.39
1800	0.41	0.40	0.39
1840	0.41	0.40	0.40
1880	0.41	0.41	0.40
1920	0.42	0.41	0.41
1960	0.42	0.41	0.41
2000	0.43	0.42	0.41