

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(MHz)	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
10	77.89	73.20	73.65	0.08	0.11	0.15	0.05	0.08	0.12
50	65.47	65.20	65.09	0.11	0.15	0.20	0.06	0.10	0.13
100	59.68	59.66	59.59	0.14	0.20	0.26	0.08	0.13	0.16
150	56.54	56.48	56.37	0.18	0.24	0.30	0.11	0.17	0.20
200	54.53	54.52	54.62	0.21	0.28	0.35	0.14	0.20	0.24
250	53.12	53.28	53.25	0.23	0.31	0.38	0.17	0.23	0.29
300	52.22	52.25	52.36	0.26	0.34	0.42	0.20	0.26	0.33
350	51.51	51.64	51.61	0.28	0.36	0.46	0.23	0.30	0.37
400	50.82	50.89	50.96	0.30	0.39	0.50	0.25	0.33	0.42
450	50.05	50.06	50.09	0.32	0.42	0.54	0.29	0.37	0.47
500	49.01	49.03	49.02	0.36	0.46	0.59	0.32	0.42	0.53
550	48.01	48.00	48.00	0.39	0.51	0.65	0.37	0.47	0.60
600	47.61	47.74	47.89	0.44	0.57	0.73	0.43	0.54	0.69
690	48.46	45.36	42.00	0.61	0.79	1.03	0.61	0.78	1.00
700	44.31	41.70	38.77	0.65	0.83	1.09	0.64	0.82	1.06
800	16.97	15.60	14.00	1.63	2.18	3.09	1.64	2.18	3.03
880	3.71	3.63	3.70	10.55	13.42	17.51	10.47	12.88	16.06
990	1.53	1.75	2.04	15.01	14.24	13.34	14.79	14.17	13.39
1100	1.58	1.74	1.93	8.77	8.81	8.88	8.74	8.80	8.87
1500	0.52	0.61	0.73	17.89	19.64	21.75	17.65	19.12	20.60
1800	0.43	0.56	0.68	17.65	16.78	16.38	17.17	16.45	16.20
2000	0.51	0.64	0.76	13.53	13.28	13.27	13.51	13.28	13.30
2200	0.54	0.66	0.78	12.44	12.39	12.55	12.47	12.45	12.55
2400	0.52	0.64	0.76	12.40	12.47	12.74	12.48	12.60	12.73
2500	0.49	0.61	0.73	12.76	12.86	13.16	12.83	12.98	13.13
3000	0.32	0.44	0.58	17.24	17.77	17.77	17.33	17.81	17.72
3500	0.24	0.37	0.51	31.94	32.45	31.90	37.81	43.04	35.96
3800	0.26	0.41	0.55	21.45	21.09	22.17	22.65	21.95	22.72
4000	0.31	0.47	0.61	17.66	17.58	18.12	18.29	18.06	18.23
4500	0.49	0.66	0.85	12.70	12.74	12.56	13.03	12.96	12.55
4600	0.52	0.69	0.90	12.00	12.05	11.81	12.29	12.23	11.81
4800	0.60	0.78	1.00	11.08	11.19	10.88	11.24	11.23	10.78
5000	0.67	0.86	1.10	10.37	10.46	10.13	10.42	10.42	9.99
5100	0.71	0.89	1.14	10.08	10.19	9.89	10.06	10.10	9.70
5200	0.73	0.91	1.16	9.91	10.04	9.77	9.83	9.90	9.54
5300	0.75	0.94	1.19	9.82	9.91	9.69	9.68	9.74	9.44
5400	0.76	0.96	1.20	9.66	9.73	9.58	9.46	9.52	9.30
5500	0.78	0.98	1.21	9.50	9.58	9.51	9.29	9.37	9.24
5800	0.79	1.00	1.22	9.64	9.64	9.75	9.29	9.29	9.42
6000	0.77	0.99	1.19	9.81	9.79	10.01	9.39	9.37	9.64
6100	0.74	0.96	1.16	10.05	10.01	10.25	9.59	9.56	9.87
6200	0.70	0.93	1.13	10.23	10.14	10.38	9.76	9.72	10.07
6300	0.72	0.95	1.14	10.45	10.35	10.57	9.91	9.89	10.24
6400	0.65	0.87	1.07	10.75	10.67	10.86	10.27	10.27	10.61
6500	0.65	0.87	1.08	11.30	11.18	11.29	10.73	10.71	11.01
6600	0.61	0.84	1.05	11.80	11.62	11.60	11.21	11.18	11.41
6700	0.57	0.80	1.02	12.24	12.06	11.92	11.70	11.70	11.86
6800	0.55	0.78	1.00	12.85	12.71	12.47	12.34	12.39	12.51
6900	0.50	0.72	0.95	13.74	13.62	13.22	13.23	13.34	13.37
7000	0.49	0.71	0.95	14.70	14.58	13.96	14.20	14.37	14.29
7100	0.44	0.66	0.90	15.49	15.49	14.68	15.14	15.51	15.31
7200	0.44	0.65	0.90	16.63	16.81	15.79	16.41	17.06	16.73
7300	0.42	0.64	0.88	18.26	18.60	17.30	18.33	19.30	18.78
7400	0.40	0.62	0.87	20.44	20.91	19.16	20.78	22.30	21.48
7500	0.39	0.62	0.86	22.63	23.37	21.11	23.74	26.48	25.26
7600	0.40	0.63	0.89	25.41	26.16	23.20	28.42	34.73	31.41
7700	0.39	0.63	0.88	30.27	27.74	24.28	44.24	32.65	30.25
7800	0.41	0.67	0.94	32.17	25.73	22.92	31.44	25.29	24.26
7900	0.44	0.71	0.99	27.80	22.86	20.45	25.54	21.67	20.69
8000	0.45	0.73	1.04	23.62	20.10	17.89	21.85	19.04	17.99

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-55°C	@+25°C	@+125°C
990	1.96	1.87	1.77
1000	1.85	1.77	1.69
1100	1.19	1.16	1.12
1200	0.90	0.89	0.88
1300	0.77	0.76	0.76
1400	0.69	0.68	0.68
1500	0.62	0.62	0.61
1600	0.56	0.56	0.55
1700	0.51	0.50	0.50
1800	0.46	0.46	0.46
1900	0.43	0.42	0.42
2000	0.40	0.39	0.39
2100	0.37	0.37	0.37
2200	0.36	0.35	0.35
2300	0.34	0.34	0.34
2400	0.33	0.33	0.33
2500	0.32	0.32	0.32
2600	0.31	0.31	0.31
2700	0.31	0.31	0.31
2800	0.30	0.30	0.30
2900	0.30	0.29	0.30
3000	0.29	0.29	0.29
3500	0.28	0.27	0.28
4000	0.26	0.26	0.26
4500	0.25	0.25	0.25
5000	0.24	0.24	0.24
5500	0.24	0.24	0.24
6000	0.24	0.24	0.24
6500	0.24	0.24	0.25
6600	0.25	0.25	0.25
6700	0.25	0.25	0.25
6800	0.25	0.25	0.25
6900	0.25	0.25	0.25
7000	0.25	0.25	0.26
7200	0.25	0.26	0.26
7400	0.26	0.26	0.27
7600	0.26	0.26	0.27
7700	0.26	0.27	0.27
7800	0.27	0.27	0.27
8000	0.27	0.27	0.28