

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	83.27	80.30	90.16	0.08	0.10	0.14	0.08	0.11	0.15
20	83.14	90.09	87.30	0.09	0.12	0.15	0.09	0.12	0.16
30	99.09	87.43	96.34	0.10	0.13	0.16	0.10	0.13	0.17
40	99.23	93.57	90.37	0.10	0.13	0.17	0.10	0.14	0.18
50	95.58	99.74	91.11	0.11	0.14	0.18	0.11	0.15	0.20
60	94.60	91.39	95.88	0.12	0.15	0.19	0.12	0.16	0.21
70	86.80	88.79	90.40	0.13	0.16	0.20	0.13	0.17	0.22
100	91.04	86.64	90.52	0.15	0.19	0.23	0.16	0.20	0.24
150	86.64	86.54	85.55	0.19	0.23	0.28	0.19	0.24	0.29
300	81.72	82.98	83.33	0.27	0.32	0.39	0.27	0.33	0.40
400	80.21	81.37	79.57	0.31	0.36	0.44	0.31	0.37	0.45
550	80.73	81.35	79.76	0.34	0.40	0.49	0.33	0.41	0.49
700	86.13	86.19	83.39	0.35	0.42	0.52	0.34	0.43	0.51
850	88.45	88.71	88.82	0.36	0.43	0.52	0.34	0.43	0.52
900	81.84	81.91	81.50	0.36	0.43	0.52	0.35	0.43	0.52
1000	73.11	72.42	72.31	0.35	0.43	0.52	0.34	0.43	0.52
1200	61.93	61.49	60.97	0.34	0.43	0.52	0.33	0.42	0.51
1350	55.29	54.94	54.37	0.33	0.43	0.53	0.33	0.42	0.52
1400	53.25	52.85	52.24	0.33	0.43	0.53	0.32	0.42	0.52
1650	43.04	42.61	41.97	0.35	0.47	0.58	0.35	0.46	0.57
1750	38.97	38.53	37.84	0.37	0.50	0.62	0.37	0.49	0.61
1900	32.84	32.38	31.58	0.44	0.57	0.71	0.43	0.57	0.71
1950	30.75	30.28	29.46	0.47	0.61	0.76	0.46	0.61	0.75
2000	28.66	28.18	27.32	0.51	0.65	0.82	0.50	0.66	0.81
2100	24.40	23.90	22.97	0.62	0.78	0.98	0.60	0.78	0.96
2200	20.05	19.51	18.51	0.79	0.98	1.24	0.76	0.96	1.19
2400	11.16	10.60	9.61	1.70	2.05	2.68	1.58	1.95	2.50
2500	7.01	6.54	5.81	3.02	3.64	4.77	2.80	3.40	4.40
2700	1.97	1.99	2.01	10.92	12.79	15.23	10.05	11.51	13.40
2900	0.96	1.13	1.28	21.59	22.48	22.29	20.98	21.30	21.98
3000	0.83	1.00	1.14	21.94	22.23	21.83	23.04	22.79	22.96
3300	0.64	0.81	0.94	20.28	19.51	18.68	20.40	19.69	18.86
3500	0.60	0.77	0.88	17.95	17.30	17.16	17.63	17.27	17.08
3800	0.55	0.70	0.79	17.02	16.86	17.54	16.68	16.81	17.39
4000	0.50	0.64	0.71	18.05	18.13	19.28	17.70	18.04	19.05
4100	0.47	0.60	0.67	18.96	19.21	20.60	18.62	19.09	20.33
4600	0.34	0.46	0.53	29.02	32.38	36.93	29.65	32.10	37.11
4800	0.31	0.43	0.50	34.17	36.82	33.09	49.14	43.77	35.77
5000	0.29	0.41	0.49	30.56	29.48	27.76	34.14	30.58	28.66
5200	0.28	0.40	0.48	27.50	26.43	25.31	29.18	26.91	25.87
5400	0.27	0.39	0.46	26.39	25.28	24.38	27.65	25.47	24.67
5600	0.26	0.38	0.45	26.59	25.30	24.38	27.59	25.28	24.52
5800	0.24	0.37	0.44	27.50	26.00	24.89	28.47	25.95	25.03
6000	0.22	0.35	0.42	28.91	27.08	25.81	29.53	27.12	26.03
6400	0.20	0.33	0.40	32.18	29.34	28.51	29.79	29.54	28.79
6800	0.19	0.33	0.39	33.70	30.55	30.91	28.51	29.99	30.75
7000	0.18	0.32	0.38	34.41	31.40	32.05	28.23	30.27	31.40
7500	0.18	0.32	0.38	31.87	34.91	35.17	28.06	33.27	34.77
8000	0.18	0.32	0.38	28.96	34.19	37.05	28.07	33.62	39.90
8100	0.18	0.32	0.38	28.63	33.82	36.78	28.08	33.20	39.97
8300	0.17	0.32	0.39	28.75	33.53	36.16	28.94	33.00	40.11
8500	0.17	0.32	0.39	29.68	34.12	35.56	30.87	34.08	41.40
8700	0.17	0.32	0.39	30.82	34.81	33.64	34.24	36.97	39.99
9000	0.18	0.33	0.40	29.06	31.75	28.87	34.47	37.21	31.74
9200	0.19	0.34	0.41	26.07	28.18	25.88	28.43	30.63	27.41
9400	0.20	0.35	0.43	23.12	24.95	23.33	24.25	26.09	24.14
9500	0.21	0.36	0.44	21.87	23.60	22.25	22.72	24.41	22.88
10000	0.27	0.42	0.51	18.00	19.26	18.79	18.04	19.26	18.87
10500	0.31	0.48	0.57	17.35	18.08	18.19	17.29	17.97	18.23
11000	0.32	0.50	0.60	20.52	20.61	21.61	21.25	21.21	22.69

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-55°C	@+25°C	@+125°C
3000	0.77	0.76	0.74
3050	0.74	0.73	0.71
3100	0.71	0.70	0.69
3200	0.66	0.66	0.65
3300	0.63	0.62	0.61
3500	0.57	0.56	0.56
3800	0.51	0.50	0.50
4000	0.48	0.48	0.48
4100	0.47	0.47	0.47
4400	0.44	0.44	0.44
4600	0.43	0.43	0.43
4800	0.42	0.41	0.41
5000	0.40	0.40	0.40
5200	0.39	0.39	0.39
5400	0.39	0.38	0.39
5600	0.38	0.38	0.38
5800	0.37	0.37	0.37
6000	0.37	0.37	0.37
6200	0.36	0.36	0.36
6400	0.36	0.36	0.36
6600	0.35	0.35	0.36
6800	0.35	0.35	0.35
7000	0.35	0.35	0.35
7200	0.35	0.34	0.35
7400	0.34	0.34	0.34
7600	0.34	0.34	0.34
7800	0.34	0.34	0.34
8000	0.34	0.34	0.34
8200	0.34	0.34	0.34
8400	0.34	0.34	0.34
8600	0.33	0.33	0.34
9000	0.33	0.33	0.34
9400	0.33	0.33	0.34
9500	0.33	0.33	0.34
9700	0.33	0.33	0.34
9800	0.33	0.33	0.34
10000	0.33	0.34	0.34
10500	0.34	0.34	0.34
10800	0.34	0.34	0.35
11000	0.35	0.35	0.35