

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	0.13	0.17	0.22	32.25	31.22	29.90	32.81	31.51	30.14
50	0.23	0.27	0.32	21.95	21.61	21.34	21.98	21.65	21.36
100	0.35	0.39	0.45	17.13	17.05	17.02	17.17	17.10	17.07
200	0.55	0.60	0.66	13.27	13.46	13.74	13.31	13.51	13.81
500	0.63	0.74	0.88	32.35	30.64	28.21	27.60	26.52	25.26
900	1.60	1.88	2.26	12.93	12.58	12.37	12.67	12.32	12.14
1000	2.39	3.00	4.07	17.23	15.14	11.50	17.48	15.21	11.52
1300	35.95	36.91	38.17	0.55	0.63	0.75	0.55	0.62	0.75
2000	82.85	84.22	87.19	0.44	0.49	0.59	0.45	0.50	0.61
2800	91.63	93.82	93.33	0.31	0.38	0.47	0.32	0.38	0.48
3800	87.24	92.18	87.05	0.27	0.36	0.45	0.26	0.36	0.45
4000	89.16	91.36	93.00	0.28	0.38	0.46	0.27	0.37	0.47
4800	95.39	88.06	87.51	0.37	0.48	0.57	0.37	0.48	0.58
5000	90.84	85.71	88.54	0.40	0.51	0.60	0.40	0.51	0.62
5500	96.49	96.16	88.83	0.47	0.58	0.68	0.48	0.57	0.69
6000	95.57	90.59	89.00	0.60	0.74	0.98	0.59	0.68	0.87
6850	86.93	87.11	86.19	0.61	0.69	0.80	0.65	0.69	0.81
7000	88.64	87.81	84.04	0.62	0.70	0.81	0.66	0.69	0.82
7500	86.91	84.83	88.54	0.66	0.74	0.85	0.71	0.74	0.87
8000	87.48	83.22	84.59	0.70	0.79	0.91	0.75	0.79	0.93
8100	85.01	86.72	85.91	0.71	0.81	0.94	0.75	0.81	0.96
9000	85.98	90.88	86.94	0.68	0.80	0.89	0.72	0.81	0.93
9300	86.40	85.26	85.38	0.62	0.77	0.86	0.65	0.77	0.89
10000	84.27	85.85	83.34	0.53	0.71	0.81	0.53	0.70	0.83
10200	87.50	85.86	91.96	0.52	0.70	0.81	0.50	0.69	0.82
11000	67.45	69.58	71.42	0.55	0.75	0.88	0.50	0.71	0.87
11800	72.38	72.55	72.28	0.63	0.85	1.03	0.63	0.83	1.03
12000	70.13	70.69	68.51	0.69	0.91	1.10	0.70	0.90	1.11
12500	60.87	66.39	75.38	1.09	1.24	1.27	1.14	1.20	1.26
13000	79.58	80.60	79.77	0.96	1.10	1.22	1.05	1.12	1.27
13500	80.34	81.44	88.31	1.02	1.14	1.26	1.16	1.18	1.33
14000	76.87	77.58	76.22	1.04	1.15	1.27	1.18	1.18	1.35
14500	75.64	76.03	76.31	1.00	1.14	1.27	1.11	1.14	1.34
15000	75.43	75.36	74.22	0.95	1.12	1.27	1.00	1.09	1.31
15500	74.32	72.49	73.00	0.89	1.10	1.28	0.90	1.06	1.29
16000	70.17	70.71	72.49	0.87	1.12	1.32	0.85	1.09	1.32
17000	59.57	61.46	61.50	0.93	1.24	1.49	0.93	1.26	1.52
18000	63.25	66.24	65.79	1.15	1.39	1.58	1.17	1.43	1.63
19000	50.14	47.48	46.88	1.19	1.48	1.65	1.23	1.45	1.64
20000	44.71	46.69	47.10	1.42	1.73	2.03	1.45	1.54	1.90
21000	35.05	34.22	31.55	2.63	3.85	6.17	2.38	3.07	4.83
22000	27.16	30.70	35.21	3.63	3.08	2.83	5.86	4.16	3.48
25000	59.25	57.21	53.65	1.49	2.16	2.75	1.65	2.42	3.22
30000	61.67	59.48	57.43	1.68	2.35	3.17	1.93	2.64	3.52
31000	53.51	57.90	61.66	2.87	2.98	2.98	3.15	3.20	3.17
32000	60.86	63.07	74.45	2.01	2.68	2.92	1.91	2.38	2.67
35000	51.03	51.75	57.47	2.01	2.43	2.80	2.35	2.49	2.91
37000	44.76	45.42	49.83	2.07	2.73	3.23	2.18	2.90	3.53
39000	48.02	48.10	47.12	2.46	3.15	4.11	2.61	2.93	3.74
40000	44.62	43.66	43.37	3.61	4.54	5.80	3.90	4.21	6.04
41000	42.27	47.41	57.55	5.14	6.00	4.80	5.99	5.45	4.66
42000	56.91	49.11	42.04	2.76	3.05	3.57	2.99	3.32	3.86
43000	33.20	30.36	36.72	2.88	4.24	5.25	2.74	4.27	5.57
44000	55.26	52.54	50.78	3.17	3.74	4.46	4.09	4.74	4.76
45000	51.79	50.80	49.79	3.26	4.18	4.50	3.42	3.51	4.09
46000	49.03	50.76	50.83	3.27	3.94	4.74	3.64	4.70	5.74
47000	49.54	48.82	48.17	2.71	3.51	4.80	3.07	3.74	5.35
48000	39.84	34.19	31.86	4.50	7.13	7.28	7.30	10.99	7.35
49000	29.53	34.69	56.20	4.86	5.23	6.11	4.99	5.80	6.36
50000	56.16	60.10	43.99	3.15	3.91	4.51	2.95	3.90	4.36

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-55°C	@+25°C	@+125°C
10	1.17	1.19	1.21
20	1.17	1.18	1.20
30	1.16	1.17	1.19
40	1.15	1.17	1.18
50	1.15	1.16	1.18
60	1.15	1.16	1.17
70	1.14	1.15	1.17
100	1.13	1.14	1.16
120	1.13	1.14	1.15
130	1.12	1.13	1.15
140	1.12	1.13	1.15
150	1.12	1.13	1.15
160	1.12	1.13	1.15
170	1.12	1.13	1.14
180	1.12	1.13	1.14
190	1.12	1.13	1.15
200	1.12	1.13	1.15
250	1.13	1.14	1.16
280	1.14	1.15	1.16
300	1.14	1.15	1.17
350	1.17	1.18	1.20
380	1.19	1.20	1.22
400	1.21	1.22	1.23
450	1.24	1.25	1.27
480	1.27	1.28	1.29
500	1.28	1.29	1.31
550	1.31	1.32	1.33
580	1.32	1.33	1.35
600	1.33	1.34	1.36
650	1.37	1.38	1.41
680	1.40	1.42	1.45
700	1.43	1.45	1.48
750	1.54	1.56	1.60
800	1.68	1.71	1.75
850	1.84	1.87	1.92
900	2.05	2.11	2.19