

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	0.04	0.05	0.06	47.79	43.68	41.00	47.28	43.70	41.47
50	0.05	0.06	0.08	42.63	40.14	38.06	42.51	40.23	38.25
100	0.06	0.08	0.09	40.35	38.01	36.10	40.21	38.37	36.64
200	0.08	0.10	0.12	36.65	35.25	33.84	36.94	35.91	34.69
500	0.13	0.16	0.20	30.92	29.65	28.44	31.96	30.84	29.59
1000	0.22	0.26	0.31	24.51	24.04	23.08	24.82	24.44	23.44
1500	0.27	0.31	0.38	25.13	25.21	24.07	25.27	25.24	24.02
2000	0.32	0.37	0.44	31.04	30.90	32.13	30.80	30.41	30.64
2250	0.37	0.43	0.50	22.71	22.80	22.87	22.43	22.46	22.34
2800	0.47	0.54	0.64	18.75	18.69	18.15	18.42	18.36	17.81
3800	0.66	0.76	0.89	17.93	17.58	17.13	17.99	17.68	17.19
4000	0.76	0.86	1.01	15.29	15.16	14.89	15.31	15.21	14.91
4800	0.90	1.05	1.26	29.25	26.09	22.73	28.03	25.45	22.58
5000	1.10	1.28	1.55	16.60	15.69	14.72	16.65	15.75	14.80
5750	3.62	4.81	6.64	7.35	5.83	4.48	7.83	6.18	4.77
6000	10.50	12.04	14.05	1.90	1.86	1.80	2.04	2.00	1.97
6900	33.13	34.19	35.57	0.68	0.84	0.98	0.72	0.91	1.06
7000	35.10	36.12	37.47	0.67	0.83	0.97	0.70	0.89	1.04
7500	43.79	44.77	46.08	0.69	0.83	0.97	0.68	0.87	1.01
8000	51.37	52.35	53.72	0.75	0.87	1.01	0.74	0.92	1.06
8400	56.80	57.97	59.26	0.80	0.91	1.05	0.79	0.97	1.10
9000	64.54	65.13	67.11	0.82	0.93	1.05	0.83	1.02	1.14
9300	67.95	69.62	70.71	0.81	0.92	1.03	0.83	1.03	1.14
10000	76.20	78.22	77.91	0.70	0.85	0.95	0.77	0.97	1.08
10200	78.18	82.01	79.98	0.67	0.82	0.92	0.74	0.95	1.07
11000	86.41	94.40	90.32	0.55	0.75	0.88	0.59	0.82	0.97
11200	100.77	89.38	100.00	0.54	0.75	0.89	0.55	0.80	0.95
12000	99.17	92.79	91.00	0.56	0.80	0.97	0.58	0.86	1.04
12500	88.45	90.99	83.72	0.65	0.89	1.06	0.67	0.95	1.11
13000	86.83	92.36	89.72	0.77	0.99	1.14	0.75	1.02	1.16
13500	88.88	88.00	86.73	0.88	1.08	1.21	0.84	1.09	1.21
14000	86.63	84.07	85.42	0.96	1.14	1.26	0.91	1.15	1.26
14500	85.50	83.84	83.14	0.99	1.17	1.29	0.94	1.17	1.29
15000	79.49	75.39	69.75	1.02	1.24	1.39	0.96	1.23	1.40
15500	79.59	82.50	93.02	0.99	1.17	1.32	0.94	1.19	1.35
16000	86.33	87.13	87.76	0.95	1.16	1.34	0.89	1.18	1.37
17000	87.26	83.09	88.55	0.90	1.19	1.39	0.89	1.25	1.49
18000	83.20	89.54	84.60	0.90	1.23	1.45	0.91	1.30	1.54
19000	84.98	81.32	79.54	1.02	1.37	1.66	1.09	1.50	1.81
20000	76.75	82.95	84.96	5.30	3.67	2.44	7.17	4.69	2.84
21000	82.82	79.39	81.94	1.26	1.55	1.73	1.27	1.62	1.80
22000	80.33	80.48	83.09	1.26	1.57	1.80	1.20	1.63	1.85
25000	67.80	67.30	64.54	1.93	2.96	4.66	1.77	2.75	4.27
30000	58.95	61.28	68.90	1.54	1.91	2.22	1.36	1.82	2.09
31000	68.49	73.33	73.15	1.40	2.01	2.42	1.32	1.94	2.41
32000	73.43	71.69	72.85	1.74	2.40	2.69	1.76	2.55	2.98
35000	66.62	61.25	59.74	1.72	2.13	2.61	1.79	2.38	2.60
37000	64.75	65.63	64.79	2.37	2.98	3.45	2.11	2.82	3.39
39000	62.74	60.85	62.61	1.78	2.47	3.08	2.06	3.01	3.54
40000	60.14	61.41	57.92	2.60	3.43	4.23	2.95	3.79	4.45
41000	59.78	60.95	58.97	3.16	3.77	4.00	3.13	3.85	4.07
42000	58.47	56.34	52.26	2.06	2.58	3.12	1.93	2.61	3.21
43000	47.01	47.74	49.70	1.81	2.50	3.27	2.12	2.80	3.64
44000	52.70	56.46	60.48	2.14	3.21	4.09	2.06	3.35	4.26
45000	63.00	64.54	67.34	3.18	4.14	4.62	3.52	4.86	5.34
46000	69.36	68.67	72.90	2.97	3.61	4.09	3.73	4.23	4.71
47000	74.29	69.57	76.63	2.53	3.07	3.46	2.39	3.17	3.35
48000	73.68	72.24	66.51	2.56	3.29	4.12	2.13	2.94	3.59
49000	71.90	69.96	65.22	2.35	3.22	3.85	1.97	3.00	4.21
50000	68.66	66.34	62.62	2.03	2.87	3.15	2.27	3.45	3.89

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-55°C	@+25°C	@+125°C
10	0.22	0.23	0.23
50	0.22	0.22	0.22
100	0.22	0.22	0.22
150	0.21	0.21	0.22
200	0.21	0.21	0.22
250	0.21	0.21	0.22
300	0.21	0.21	0.22
350	0.21	0.21	0.22
400	0.21	0.21	0.22
450	0.21	0.21	0.21
500	0.21	0.21	0.21
550	0.21	0.21	0.21
600	0.21	0.21	0.21
650	0.21	0.21	0.21
700	0.21	0.21	0.21
750	0.21	0.21	0.21
800	0.21	0.21	0.21
850	0.21	0.21	0.21
900	0.21	0.21	0.21
950	0.21	0.21	0.21
1000	0.21	0.21	0.21
1200	0.21	0.21	0.22
1300	0.21	0.21	0.22
1400	0.21	0.22	0.22
1500	0.22	0.22	0.22
2000	0.22	0.22	0.23
2200	0.22	0.23	0.23
2400	0.23	0.23	0.23
2600	0.23	0.23	0.23
2800	0.23	0.24	0.24
3000	0.24	0.24	0.25
3500	0.26	0.26	0.27
4000	0.28	0.29	0.29
4500	0.32	0.33	0.34
4800	0.36	0.37	0.38
5000	0.39	0.40	0.42