

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
10	0.12	0.16	0.20	33.76	32.14	30.75	33.97	32.40	30.96
50	0.21	0.26	0.31	23.86	23.34	23.04	23.81	23.31	23.02
100	0.32	0.37	0.43	19.13	19.02	19.03	19.11	19.02	19.05
200	0.50	0.56	0.62	15.15	15.44	15.80	15.19	15.47	15.85
300	0.60	0.68	0.77	15.28	15.54	15.95	15.40	15.63	16.07
350	0.62	0.71	0.82	17.28	17.50	17.93	17.41	17.62	18.06
400	0.64	0.75	0.88	21.83	22.15	22.56	22.12	22.31	22.73
450	0.69	0.81	0.96	30.45	29.64	28.55	31.47	29.97	28.98
500	0.78	0.92	1.09	21.65	21.57	21.49	21.87	21.73	21.70
550	0.91	1.06	1.25	17.84	18.12	18.53	18.04	18.25	18.67
600	1.02	1.19	1.41	18.42	19.03	19.97	18.44	18.93	19.78
620	1.06	1.24	1.47	20.18	21.00	22.29	20.02	20.62	21.64
630	1.08	1.26	1.51	21.55	22.54	24.02	21.21	21.85	22.91
700	1.34	1.60	1.94	24.37	24.06	23.78	23.62	23.23	23.15
770	2.12	2.65	3.47	20.24	16.95	13.64	19.26	16.41	13.29
790	2.99	3.78	4.97	11.31	9.76	8.09	11.03	9.55	7.94
800	3.72	4.66	6.04	8.43	7.38	6.24	8.26	7.24	6.14
810	4.70	5.78	7.30	6.28	5.60	4.85	6.17	5.50	4.79
850	10.48	11.77	13.44	2.17	2.18	2.14	2.18	2.16	2.15
910	20.10	21.23	22.70	0.86	0.99	1.10	0.91	1.02	1.15
1000	32.26	33.24	34.47	0.51	0.63	0.73	0.57	0.67	0.79
1500	76.42	79.76	78.36	0.45	0.55	0.64	0.42	0.51	0.61
1700	94.96	85.44	92.80	0.45	0.55	0.62	0.42	0.51	0.60
2000	89.70	95.03	93.06	0.40	0.50	0.56	0.40	0.48	0.57
2500	87.90	95.38	90.99	0.28	0.38	0.43	0.34	0.42	0.51
3000	92.60	91.28	90.35	0.21	0.33	0.37	0.28	0.37	0.45
4000	87.82	87.64	101.22	0.24	0.36	0.42	0.30	0.41	0.50
4200	96.95	84.96	90.60	0.23	0.36	0.42	0.32	0.44	0.53
5000	87.19	90.20	86.35	0.30	0.48	0.54	0.44	0.59	0.69
6000	86.87	89.84	87.40	0.62	0.81	0.86	0.69	0.80	0.88
7000	86.40	85.63	83.64	0.52	0.75	0.83	0.60	0.76	0.88
8000	74.58	80.75	85.15	0.91	0.98	1.00	1.10	1.07	1.06
9000	82.76	83.11	85.88	0.55	0.74	0.81	0.62	0.80	0.90
10000	76.84	76.76	77.76	0.49	0.70	0.78	0.54	0.74	0.84
11000	77.31	76.73	76.90	0.47	0.76	0.86	0.52	0.78	0.93
12000	79.04	78.35	76.35	0.70	1.08	1.16	0.74	1.04	1.19
13000	72.46	70.39	68.12	0.91	1.34	1.43	0.99	1.29	1.43
14000	60.92	60.15	58.40	0.99	1.34	1.46	1.03	1.32	1.47
15000	58.94	61.37	62.84	0.89	1.20	1.37	0.87	1.18	1.36
16000	60.08	59.47	60.98	1.02	1.46	1.75	0.90	1.33	1.68
17000	61.99	65.11	65.62	0.94	1.31	1.45	1.00	1.37	1.56
18000	55.74	53.22	50.69	1.29	2.09	2.76	1.26	1.80	2.31
19000	21.85	23.29	26.79	3.56	4.24	3.61	4.20	4.14	3.49
20000	22.18	22.30	22.89	3.41	5.24	6.86	2.90	3.83	5.02
21000	33.59	41.25	49.36	3.38	3.36	3.05	4.39	3.66	3.19
22000	66.73	70.54	72.88	1.57	2.01	2.19	1.64	2.14	2.36
23000	76.86	77.27	79.11	1.68	2.06	2.59	1.79	2.39	3.11
24000	58.19	57.15	56.33	2.34	2.29	2.40	2.17	2.31	2.54
25000	63.10	64.47	66.50	1.13	1.83	2.00	1.18	1.73	1.94
26000	68.50	68.87	70.01	1.24	2.25	2.40	1.25	1.88	2.10
30000	69.65	70.14	68.83	1.62	2.05	2.39	1.69	2.37	2.78
31000	69.00	67.86	68.49	1.60	2.32	2.61	1.62	2.29	2.59
32000	68.59	64.96	65.41	1.58	2.57	2.73	1.61	2.23	2.45
33000	63.70	62.55	62.71	1.43	2.51	2.83	1.58	2.19	2.60
34000	59.05	57.68	56.22	1.34	2.52	3.02	1.66	2.45	3.10
35000	52.74	47.20	41.17	2.07	3.13	3.52	2.40	3.47	3.86
36000	42.31	46.24	49.04	3.01	3.31	3.86	2.79	3.64	4.27
37000	53.14	56.07	56.16	2.49	3.35	4.34	2.61	3.77	5.20
38000	46.66	42.39	41.34	3.47	7.08	7.07	5.79	6.10	4.94
40000	29.26	28.51	31.48	2.56	4.69	4.66	2.74	3.67	4.02

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+125°C
10	1.44	1.45	1.48
20	1.43	1.44	1.47
30	1.43	1.44	1.47
40	1.42	1.43	1.46
50	1.42	1.43	1.45
60	1.42	1.43	1.45
70	1.41	1.42	1.44
80	1.41	1.42	1.44
90	1.40	1.41	1.43
100	1.40	1.41	1.43
110	1.40	1.41	1.43
120	1.40	1.41	1.43
200	1.41	1.42	1.44
220	1.42	1.43	1.45
240	1.43	1.44	1.46
260	1.44	1.45	1.47
280	1.45	1.47	1.49
300	1.47	1.48	1.50
320	1.48	1.50	1.52
340	1.50	1.52	1.54
360	1.53	1.54	1.56
380	1.55	1.56	1.58
400	1.57	1.59	1.61
420	1.60	1.62	1.64
440	1.63	1.64	1.67
460	1.66	1.67	1.70
480	1.69	1.71	1.73
500	1.72	1.74	1.77
520	1.76	1.78	1.81
540	1.80	1.82	1.86
560	1.85	1.88	1.91
580	1.91	1.94	1.98
600	1.97	2.01	2.05
610	2.01	2.05	2.09
620	2.05	2.09	2.14
630	2.10	2.14	2.19