

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	0.14	0.19	0.23	31.61	29.97	28.98	31.80	30.21	29.17
50	0.27	0.34	0.38	21.36	20.99	20.83	21.68	21.21	21.12
100	0.42	0.49	0.54	17.26	17.30	17.40	17.48	17.45	17.63
150	0.51	0.59	0.65	15.84	16.17	16.50	16.04	16.31	16.73
180	0.56	0.65	0.72	16.03	16.45	16.92	16.10	16.50	17.01
190	0.58	0.66	0.74	16.23	16.67	17.18	16.26	16.70	17.23
200	0.58	0.68	0.76	16.53	16.99	17.53	16.53	16.99	17.54
220	0.60	0.70	0.79	17.49	17.97	18.62	17.41	17.91	18.50
250	0.62	0.74	0.84	20.11	20.53	21.39	19.77	20.30	20.96
280	0.67	0.80	0.92	24.89	25.13	26.04	24.20	24.64	25.16
300	0.70	0.84	0.97	30.20	29.55	29.39	28.74	28.56	28.07
310	0.72	0.86	1.00	31.43	30.17	29.04	30.17	29.36	28.18
350	0.82	0.99	1.14	22.24	22.16	21.80	22.46	22.24	21.93
370	0.89	1.06	1.23	19.55	19.63	19.61	19.60	19.60	19.61
380	0.93	1.10	1.27	18.59	18.71	18.81	18.58	18.65	18.76
400	0.99	1.18	1.36	17.28	17.47	17.78	17.19	17.37	17.62
410	1.03	1.22	1.40	16.90	17.13	17.52	16.76	16.98	17.30
450	1.16	1.38	1.60	16.97	17.37	18.12	16.57	16.98	17.49
490	1.31	1.57	1.86	19.51	20.06	21.13	18.46	18.93	19.43
500	1.36	1.64	1.95	20.45	21.00	22.02	19.12	19.52	19.94
570	2.42	3.01	3.82	13.42	12.48	11.17	13.81	12.98	11.77
600	4.41	5.36	6.66	6.76	6.31	5.71	7.15	6.72	6.13
630	8.39	9.58	11.16	3.16	3.14	3.05	3.38	3.37	3.27
650	11.75	12.97	14.56	2.05	2.14	2.18	2.19	2.30	2.33
700	20.36	21.47	22.91	1.00	1.14	1.26	1.00	1.17	1.27
780	32.40	33.37	34.59	0.57	0.69	0.80	0.50	0.65	0.73
800	35.07	36.03	37.20	0.52	0.64	0.75	0.44	0.59	0.67
1000	57.15	58.08	58.94	0.37	0.47	0.56	0.30	0.43	0.49
1400	87.81	89.37	90.02	0.36	0.46	0.55	0.39	0.50	0.58
2000	100.49	96.86	91.97	0.34	0.44	0.52	0.34	0.47	0.52
3000	88.62	97.92	91.82	0.24	0.35	0.41	0.18	0.32	0.36
3500	93.19	98.55	97.44	0.24	0.36	0.42	0.20	0.32	0.39
5000	90.22	92.04	87.06	0.69	1.08	1.52	0.48	0.81	1.16
6000	88.21	86.12	87.58	0.49	0.65	0.74	0.53	0.75	0.77
7000	83.57	83.92	82.37	0.52	0.69	0.78	0.51	0.76	0.73
8500	81.13	80.61	82.58	0.67	0.89	1.03	0.55	0.83	0.90
10000	59.48	58.57	56.93	0.57	0.79	0.90	0.55	0.82	0.91
12000	61.57	68.38	72.11	0.74	0.99	1.11	0.79	1.09	1.09
15000	62.15	61.10	62.06	0.88	1.18	1.33	0.83	1.27	1.30
16000	47.79	46.19	46.46	0.92	1.28	1.50	0.80	1.26	1.39
17000	47.74	46.87	46.81	1.54	2.31	2.81	1.12	1.75	2.22
18000	35.49	35.63	37.01	7.39	5.11	3.68	3.83	6.33	7.66
19000	30.19	32.00	32.56	2.33	2.66	3.13	2.93	3.05	3.02
20000	28.85	33.65	40.76	2.51	2.60	2.56	3.68	3.36	2.83
21000	57.77	59.24	58.99	1.49	2.07	2.53	1.45	2.09	2.24
22000	52.72	57.17	61.47	2.25	2.25	2.20	3.02	3.00	2.48
23000	61.85	62.59	70.50	1.45	1.83	2.06	1.49	2.00	2.16
24000	48.78	48.11	50.03	1.62	2.21	2.83	1.55	2.26	2.84
25000	54.67	61.12	69.06	3.93	3.44	2.94	4.69	4.35	3.31
26000	62.31	65.00	74.53	1.83	2.27	2.33	2.15	2.65	2.49
30000	72.42	71.64	70.78	1.54	2.23	2.58	1.43	2.17	2.54
31000	69.41	68.10	68.34	1.75	2.50	2.82	1.68	2.49	2.78
32000	67.27	70.95	72.55	2.13	2.87	2.98	2.08	2.89	3.09
33000	70.67	69.20	70.39	1.76	2.25	2.50	2.73	3.13	3.00
34000	65.77	67.49	65.97	1.56	2.22	2.62	1.91	2.80	2.87
35000	65.64	64.03	64.87	1.95	2.66	2.90	1.95	2.91	2.89
36000	63.98	64.01	62.03	2.12	2.80	3.13	1.95	2.77	3.09
37000	63.44	61.16	63.22	1.84	2.65	3.07	1.82	2.71	3.26
38000	60.20	58.69	57.79	1.87	2.51	2.90	2.47	3.25	3.39
40000	59.23	65.58	74.66	2.45	3.32	3.59	2.52	3.53	3.44

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-55°C	@+25°C	@+125°C
10	1.85	1.88	1.90
20	1.85	1.87	1.90
30	1.84	1.87	1.89
40	1.84	1.86	1.89
50	1.84	1.86	1.88
60	1.83	1.85	1.88
70	1.83	1.85	1.87
80	1.83	1.85	1.87
90	1.82	1.84	1.87
100	1.82	1.84	1.87
110	1.82	1.84	1.87
120	1.83	1.84	1.87
130	1.83	1.85	1.87
140	1.83	1.85	1.88
150	1.84	1.86	1.88
160	1.84	1.86	1.89
170	1.85	1.87	1.90
180	1.86	1.88	1.91
190	1.87	1.89	1.92
200	1.88	1.90	1.93
210	1.89	1.91	1.94
220	1.90	1.92	1.95
230	1.92	1.94	1.97
240	1.93	1.95	1.98
250	1.95	1.97	1.99
260	1.96	1.98	2.01
300	2.03	2.05	2.08
310	2.05	2.07	2.10
350	2.13	2.16	2.19
380	2.22	2.24	2.29
400	2.28	2.31	2.36
410	2.32	2.36	2.41
420	2.36	2.40	2.46
450	2.53	2.57	2.64
460	2.60	2.64	2.72
490	2.85	2.91	2.99